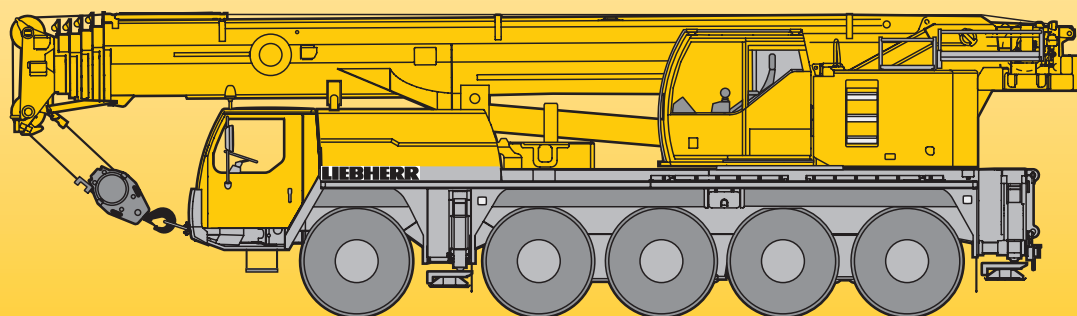




# Mobile Crane Grue mobile

## LTM 1095-5.1

### Technical Data Caractéristiques techniques



# LIEBHERR



Lifting capacities on telescopic boom  
Forces de levage à la flèche télescopique

41 – 190 ft

360°

50700 lbs

85%

|     | 41 ft |     | 54 ft | 68 ft | 82 ft | 96 ft | 110 ft | 123 ft | 137 ft | 151 ft | 165 ft | 178 ft | 190 ft |     |
|-----|-------|-----|-------|-------|-------|-------|--------|--------|--------|--------|--------|--------|--------|-----|
| ft  | *     |     |       |       |       |       |        |        |        |        |        |        |        | ft  |
| 9   | 230   | 181 | 140   |       |       |       |        |        |        |        |        |        |        | 9   |
| 10  | 224   | 179 | 140   | 129   |       |       |        |        |        |        |        |        |        | 10  |
| 12  | 158   | 158 | 139   | 129   | 107   |       |        |        |        |        |        |        |        | 12  |
| 14  | 149   | 147 | 134   | 125   | 107   | 84    |        |        |        |        |        |        |        | 14  |
| 16  | 141   | 134 | 126   | 118   | 107   | 84    | 73     |        |        |        |        |        |        | 16  |
| 18  | 130   | 122 | 119   | 111   | 103   | 84    | 72     | 49.4   |        |        |        |        |        | 18  |
| 20  | 118   | 110 | 111   | 105   | 98.5  | 84    | 71     | 49.4   | 44.1   |        |        |        |        | 20  |
| 23  | 99.5  | 96  | 97.5  | 97    | 90.5  | 84    | 69     | 49.4   | 44.1   |        |        |        |        | 23  |
| 26  | 85.5  | 83  | 85    | 84    | 83    | 80    | 66.5   | 49.4   | 42.5   | 33.2   |        |        |        | 26  |
| 29  | 75    | 73  | 74.5  | 74    | 74.5  | 70.5  | 63     | 48     | 40.6   | 32.7   | 25     |        |        | 29  |
| 32  | 66    | 65  | 66.5  | 65.5  | 66.5  | 62.5  | 59.8   | 45.5   | 38.5   | 31.6   | 24.7   | 19.4   |        | 32  |
| 35  |       |     | 59.3  | 59.5  | 59.1  | 55.9  | 54.9   | 42.9   | 36.4   | 30.5   | 24.1   | 19.4   | 15     | 35  |
| 38  |       |     | 53.4  | 54    | 53.1  | 51.8  | 49.8   | 40.5   | 34.5   | 29.3   | 23.4   | 19.2   | 15     | 38  |
| 44  |       |     | 44.2  | 44.8  | 44    | 44.1  | 41.6   | 36.1   | 31     | 26.8   | 22     | 18.4   | 14.4   | 44  |
| 50  |       |     |       |       | 38.1  | 38.1  | 37.4   | 35.2   | 32.2   | 28     | 24.4   | 20.5   | 17.5   | 50  |
| 56  |       |     |       |       | 32.9  | 33.2  | 32.2   | 30.2   | 28.6   | 25.4   | 22.2   | 19.1   | 16.4   | 56  |
| 62  |       |     |       |       |       | 28.6  | 28     | 26.1   | 25.7   | 23.1   | 20.3   | 17.7   | 15.3   | 62  |
| 68  |       |     |       |       |       | 24.9  | 24.4   | 22.9   | 23.2   | 20.6   | 18.7   | 16.5   | 14.3   | 68  |
| 74  |       |     |       |       |       |       | 21.3   | 20.7   | 20.6   | 18.2   | 17.2   | 15.4   | 13.4   | 74  |
| 80  |       |     |       |       |       |       | 18.7   | 19.2   | 18.3   | 16.6   | 15.7   | 14.2   | 12.6   | 80  |
| 86  |       |     |       |       |       |       |        | 17.2   | 16.3   | 15.2   | 13.9   | 13.2   | 11.9   | 86  |
| 92  |       |     |       |       |       |       |        | 15.3   | 14.3   | 14.1   | 12.4   | 12.2   | 11.1   | 92  |
| 98  |       |     |       |       |       |       |        | 13.8   | 12.8   | 13.1   | 11.5   | 11.2   | 10.4   | 98  |
| 104 |       |     |       |       |       |       |        |        | 11.4   | 11.7   | 10.7   | 9.9    | 9.8    | 104 |
| 110 |       |     |       |       |       |       |        |        | 10.6   | 10.5   | 9.8    | 9.1    | 9.1    | 110 |
| 116 |       |     |       |       |       |       |        |        |        | 9.4    | 9.2    | 8.5    | 8.2    | 116 |
| 122 |       |     |       |       |       |       |        |        |        |        | 8.6    | 8.5    | 8      | 122 |
| 128 |       |     |       |       |       |       |        |        |        |        |        | 7.7    | 7.4    | 128 |
| 134 |       |     |       |       |       |       |        |        |        |        |        |        | 7.1    | 134 |
| 140 |       |     |       |       |       |       |        |        |        |        |        |        |        | 140 |
| 146 |       |     |       |       |       |       |        |        |        |        |        |        |        | 146 |
| 152 |       |     |       |       |       |       |        |        |        |        |        |        |        | 152 |
| 158 |       |     |       |       |       |       |        |        |        |        |        |        |        | 158 |
| 164 |       |     |       |       |       |       |        |        |        |        |        |        |        | 164 |
| 170 |       |     |       |       |       |       |        |        |        |        |        |        |        | 170 |
| 176 |       |     |       |       |       |       |        |        |        |        |        |        |        | 176 |

\* over rear · en arrière

TAB 1580301 / 1580391



Lifting capacities on telescopic boom  
Forces de levage à la flèche télescopique

| <div><div></div><div></div><div></div><div></div><div>85%</div></div> |       |       |       |       |       |        |        |        |        |        |        |        |                                                                                        |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|--------|--------|----------------------------------------------------------------------------------------|
|  ft                                                                                                                                                                                                                                                                                                                      | 41 ft | 54 ft | 68 ft | 82 ft | 96 ft | 110 ft | 123 ft | 137 ft | 151 ft | 165 ft | 178 ft | 190 ft |  ft |
| 9                                                                                                                                                                                                                                                                                                                                                                                                         | 183   | 140   |       |       |       |        |        |        |        |        |        |        | 9                                                                                      |
| 10                                                                                                                                                                                                                                                                                                                                                                                                        | 181   | 140   |       |       |       |        |        |        |        |        |        |        | 10                                                                                     |
| 12                                                                                                                                                                                                                                                                                                                                                                                                        | 158   | 139   | 129   | 107   |       |        |        |        |        |        |        |        | 12                                                                                     |
| 14                                                                                                                                                                                                                                                                                                                                                                                                        | 145   | 134   | 125   | 107   | 84    |        |        |        |        |        |        |        | 14                                                                                     |
| 16                                                                                                                                                                                                                                                                                                                                                                                                        | 130   | 126   | 118   | 107   | 84    | 73     |        |        |        |        |        |        | 16                                                                                     |
| 18                                                                                                                                                                                                                                                                                                                                                                                                        | 117   | 116   | 111   | 103   | 84    | 72     | 49.4   |        |        |        |        |        | 18                                                                                     |
| 20                                                                                                                                                                                                                                                                                                                                                                                                        | 105   | 106   | 104   | 97.5  | 83.5  | 71     | 49.4   | 44.1   |        |        |        |        | 20                                                                                     |
| 23                                                                                                                                                                                                                                                                                                                                                                                                        | 88.5  | 90.5  | 86.5  | 83.5  | 77.5  | 69     | 49.4   | 44.1   |        |        |        |        | 23                                                                                     |
| 26                                                                                                                                                                                                                                                                                                                                                                                                        | 76.5  | 78    | 75.5  | 71.5  | 66.5  | 64.5   | 49.4   | 42.5   | 33.2   |        |        |        | 26                                                                                     |
| 29                                                                                                                                                                                                                                                                                                                                                                                                        | 66.5  | 68    | 65.5  | 62    | 60.5  | 57     | 48     | 40.6   | 32.7   | 25     |        |        | 29                                                                                     |
| 32                                                                                                                                                                                                                                                                                                                                                                                                        | 58.5  | 59.6  | 57.2  | 54.8  | 53.8  | 50.4   | 45.5   | 38.5   | 31.6   | 24.7   | 19.4   |        | 32                                                                                     |
| 35                                                                                                                                                                                                                                                                                                                                                                                                        |       | 52.7  | 50.7  | 49.9  | 47.9  | 44.8   | 41.8   | 36.4   | 30.5   | 24.1   | 19.4   | 15     | 35                                                                                     |
| 38                                                                                                                                                                                                                                                                                                                                                                                                        |       | 47.1  | 46.2  | 45.1  | 42.9  | 40.1   | 38.3   | 34.5   | 29.3   | 23.4   | 19.2   | 15     | 38                                                                                     |
| 44                                                                                                                                                                                                                                                                                                                                                                                                        |       | 37.9  | 38.4  | 37    | 35.2  | 33.2   | 32.7   | 29.5   | 26.8   | 22     | 18.4   | 14.4   | 44                                                                                     |
| 50                                                                                                                                                                                                                                                                                                                                                                                                        |       |       | 31.8  | 30.9  | 29.4  | 28.5   | 27.8   | 25.5   | 23.9   | 20.5   | 17.5   | 13.6   | 50                                                                                     |
| 56                                                                                                                                                                                                                                                                                                                                                                                                        |       |       | 26.5  | 26.2  | 24.9  | 25     | 23.6   | 22.1   | 20.6   | 19.1   | 16.4   | 13     | 56                                                                                     |
| 62                                                                                                                                                                                                                                                                                                                                                                                                        |       |       |       | 22.4  | 21.4  | 21.9   | 20.3   | 19.6   | 18     | 17.3   | 15.3   | 12.4   | 62                                                                                     |
| 68                                                                                                                                                                                                                                                                                                                                                                                                        |       |       |       | 19.1  | 18.5  | 19     | 17.7   | 17.7   | 16.3   | 15.3   | 14.3   | 11.8   | 68                                                                                     |
| 74                                                                                                                                                                                                                                                                                                                                                                                                        |       |       |       |       | 16    | 16.5   | 15.9   | 15.5   | 14.5   | 13.5   | 13.3   | 11.2   | 74                                                                                     |
| 80                                                                                                                                                                                                                                                                                                                                                                                                        |       |       |       |       | 13.8  | 14.3   | 14.6   | 13.7   | 13.1   | 12.6   | 11.8   | 10.6   | 80                                                                                     |
| 86                                                                                                                                                                                                                                                                                                                                                                                                        |       |       |       |       |       | 12.6   | 13     | 12.1   | 12     | 11.4   | 10.3   | 10     | 86                                                                                     |
| 92                                                                                                                                                                                                                                                                                                                                                                                                        |       |       |       |       |       | 11.3   | 11.4   | 10.9   | 10.5   | 10     | 9.1    | 8.9    | 92                                                                                     |
| 98                                                                                                                                                                                                                                                                                                                                                                                                        |       |       |       |       |       | 10.4   | 10.1   | 10     | 9.3    | 8.8    | 7.9    | 7.8    | 98                                                                                     |
| 104                                                                                                                                                                                                                                                                                                                                                                                                       |       |       |       |       |       |        | 9      | 8.9    | 8.2    | 7.7    | 6.9    | 6.8    | 104                                                                                    |
| 110                                                                                                                                                                                                                                                                                                                                                                                                       |       |       |       |       |       |        | 8.2    | 8      | 7.3    | 6.8    | 6      | 5.9    | 110                                                                                    |
| 116                                                                                                                                                                                                                                                                                                                                                                                                       |       |       |       |       |       |        |        | 7.2    | 6.5    | 6      | 5.3    | 5.1    | 116                                                                                    |
| 122                                                                                                                                                                                                                                                                                                                                                                                                       |       |       |       |       |       |        |        | 6.5    | 5.8    | 5.3    | 4.6    | 4.4    | 122                                                                                    |
| 128                                                                                                                                                                                                                                                                                                                                                                                                       |       |       |       |       |       |        |        |        | 5.2    | 4.7    | 3.9    | 3.8    | 128                                                                                    |
| 134                                                                                                                                                                                                                                                                                                                                                                                                       |       |       |       |       |       |        |        |        | 4.5    | 4.1    | 3.3    | 3.2    | 134                                                                                    |
| 140                                                                                                                                                                                                                                                                                                                                                                                                       |       |       |       |       |       |        |        |        |        | 3.5    | 2.8    | 2.7    | 140                                                                                    |
| 146                                                                                                                                                                                                                                                                                                                                                                                                       |       |       |       |       |       |        |        |        |        | 3      |        |        | 146                                                                                    |

TAB 1580394

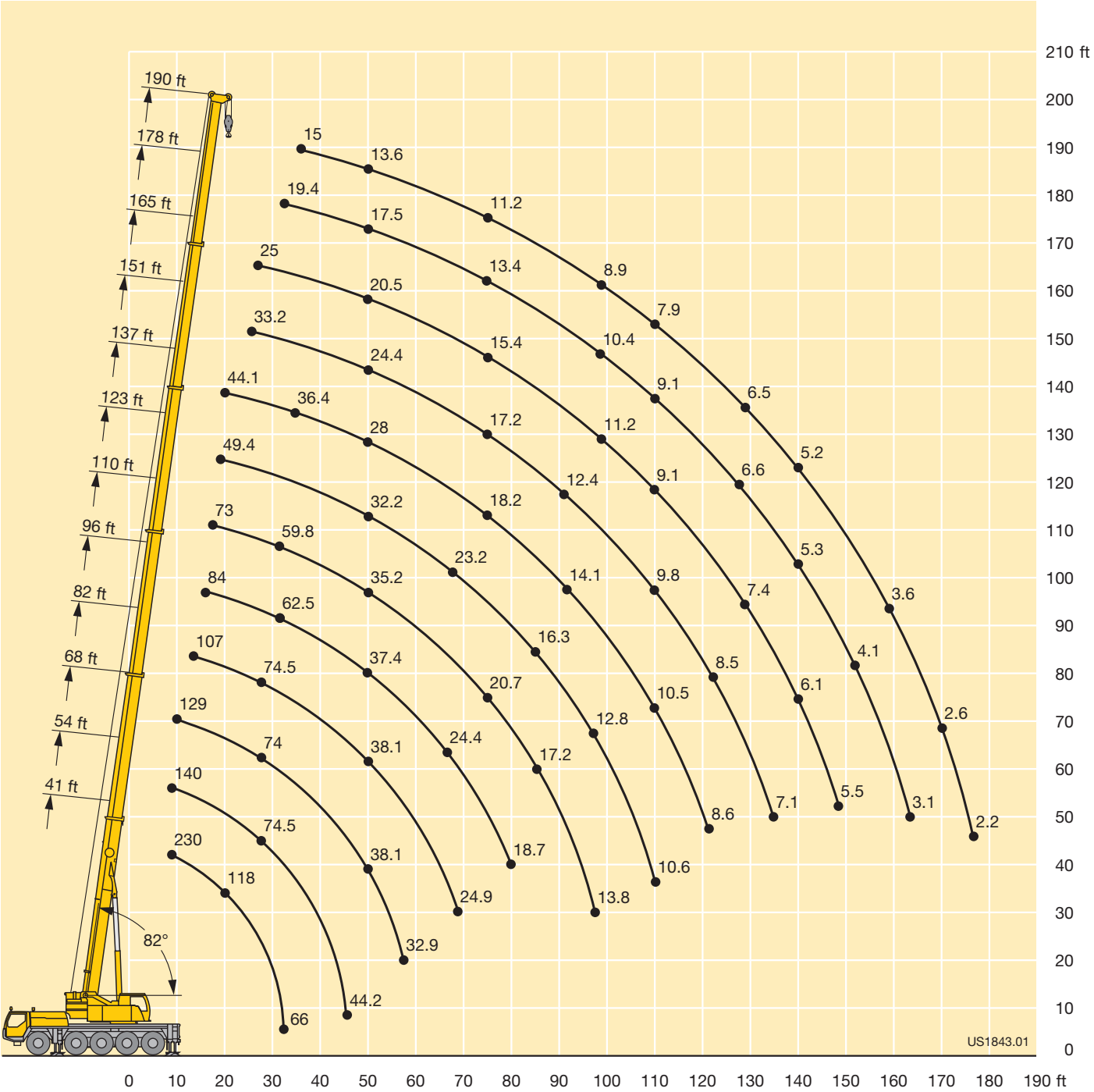
TAB 1580394

| <div><div></div><div></div><div></div><div></div><div>85%</div></div> |       |       |       |       |       |        |        |        |        |        |        |        |                                                                                          |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|--------|--------|------------------------------------------------------------------------------------------|
|  ft                                                                                                                                                                                                                                                                                                                            | 41 ft | 54 ft | 68 ft | 82 ft | 96 ft | 110 ft | 123 ft | 137 ft | 151 ft | 165 ft | 178 ft | 190 ft |  ft |
| 9                                                                                                                                                                                                                                                                                                                                                                                                                 | 183   | 140   |       |       |       |        |        |        |        |        |        |        | 9                                                                                        |
| 10                                                                                                                                                                                                                                                                                                                                                                                                                | 181   | 140   | 129   |       |       |        |        |        |        |        |        |        | 10                                                                                       |
| 12                                                                                                                                                                                                                                                                                                                                                                                                                | 158   | 139   | 129   | 107   |       |        |        |        |        |        |        |        | 12                                                                                       |
| 14                                                                                                                                                                                                                                                                                                                                                                                                                | 144   | 134   | 125   | 107   | 84    |        |        |        |        |        |        |        | 14                                                                                       |
| 16                                                                                                                                                                                                                                                                                                                                                                                                                | 129   | 126   | 118   | 107   | 84    | 73     |        |        |        |        |        |        | 16                                                                                       |
| 18                                                                                                                                                                                                                                                                                                                                                                                                                | 116   | 116   | 110   | 102   | 84    | 72     | 49.4   |        |        |        |        |        | 18                                                                                       |
| 20                                                                                                                                                                                                                                                                                                                                                                                                                | 103   | 105   | 102   | 94.5  | 83.5  | 71     | 49.4   | 44.1   |        |        |        |        | 20                                                                                       |
| 23                                                                                                                                                                                                                                                                                                                                                                                                                | 87    | 89    | 83.5  | 80.5  | 75    | 69     | 49.4   | 44.1   |        |        |        |        | 23                                                                                       |
| 26                                                                                                                                                                                                                                                                                                                                                                                                                | 75    | 76.5  | 72.5  | 68.5  | 66.5  | 62.5   | 49.4   | 42.5   | 33.2   |        |        |        | 26                                                                                       |
| 29                                                                                                                                                                                                                                                                                                                                                                                                                | 65    | 65.5  | 63    | 59.4  | 58.5  | 54.8   | 48     | 40.6   | 32.7   | 25     |        |        | 29                                                                                       |
| 32                                                                                                                                                                                                                                                                                                                                                                                                                | 57.2  | 57.2  | 55    | 53.8  | 51.6  | 48.2   | 44.6   | 38.5   | 31.6   | 24.7   | 19.4   |        | 32                                                                                       |
| 35                                                                                                                                                                                                                                                                                                                                                                                                                |       | 50.4  | 49.6  | 48.2  | 45.7  | 42.7   | 40.5   | 36.4   | 30.5   | 24.1   | 19.4   | 15     | 35                                                                                       |
| 38                                                                                                                                                                                                                                                                                                                                                                                                                |       | 45.3  | 44.7  | 43    | 40.9  | 38.1   | 36.6   | 33.9   | 29.3   | 23.4   | 19.2   | 15     | 38                                                                                       |
| 44                                                                                                                                                                                                                                                                                                                                                                                                                |       | 36.2  | 36.6  | 35.2  | 33.5  | 31.6   | 31.1   | 28.5   | 26.7   | 22     | 18.4   | 14.4   | 44                                                                                       |
| 50                                                                                                                                                                                                                                                                                                                                                                                                                |       |       | 30.2  | 29.4  | 27.9  | 27.5   | 26.3   | 24.3   | 23     | 20.5   | 17.5   | 13.6   | 50                                                                                       |
| 56                                                                                                                                                                                                                                                                                                                                                                                                                |       |       | 25.2  | 24.9  | 23.6  | 24     | 22.3   | 21.5   | 19.8   | 18.8   | 16.4   | 13     | 56                                                                                       |
| 62                                                                                                                                                                                                                                                                                                                                                                                                                |       |       |       | 21.2  | 20.3  | 20.7   | 19.3   | 19.1   | 17.6   | 16.6   | 15.3   | 12.4   | 62                                                                                       |
| 68                                                                                                                                                                                                                                                                                                                                                                                                                |       |       |       | 18.2  | 17.5  | 18     | 17.2   | 16.7   | 15.7   | 14.6   | 14.2   | 11.8   | 68                                                                                       |
| 74                                                                                                                                                                                                                                                                                                                                                                                                                |       |       |       |       | 15    | 15.6   | 15.6   | 14.6   | 14     | 13.4   | 12.7   | 11.2   | 74                                                                                       |
| 80                                                                                                                                                                                                                                                                                                                                                                                                                |       |       |       |       | 13    | 13.5   | 13.9   | 12.9   | 12.7   | 12.1   | 11     | 10.5   | 80                                                                                       |
| 86                                                                                                                                                                                                                                                                                                                                                                                                                |       |       |       |       |       | 12.2   | 12.2   | 11.6   | 11.2   | 10.6   | 9.6    | 9.4    | 86                                                                                       |
| 92                                                                                                                                                                                                                                                                                                                                                                                                                |       |       |       |       |       | 11.2   | 10.6   | 10.6   | 9.8    | 9.2    | 8.3    | 8.2    | 92                                                                                       |
| 98                                                                                                                                                                                                                                                                                                                                                                                                                |       |       |       |       |       | 10     | 9.4    | 9.3    | 8.6    | 8.1    | 7.2    | 7.1    | 98                                                                                       |
| 104                                                                                                                                                                                                                                                                                                                                                                                                               |       |       |       |       |       |        | 8.5    | 8.3    | 7.6    | 7.1    | 6.3    | 6.2    | 104                                                                                      |
| 110                                                                                                                                                                                                                                                                                                                                                                                                               |       |       |       |       |       |        | 7.6    | 7.4    | 6.7    | 6.3    | 5.4    | 5.3    | 110                                                                                      |
| 116                                                                                                                                                                                                                                                                                                                                                                                                               |       |       |       |       |       |        |        | 6.6    | 6      | 5.5    | 4.7    | 4.6    | 116                                                                                      |
| 122                                                                                                                                                                                                                                                                                                                                                                                                               |       |       |       |       |       |        |        | 5.9    | 5.3    | 4.8    | 4      | 3.9    | 122                                                                                      |
| 128                                                                                                                                                                                                                                                                                                                                                                                                               |       |       |       |       |       |        |        |        | 4.7    | 4.2    | 3.4    | 3.3    | 128                                                                                      |
| 134                                                                                                                                                                                                                                                                                                                                                                                                               |       |       |       |       |       |        |        |        | 4      | 3.6    | 2.8    | 2.7    | 134                                                                                      |
| 140                                                                                                                                                                                                                                                                                                                                                                                                               |       |       |       |       |       |        |        |        |        | 3      |        |        | 140                                                                                      |
| 146                                                                                                                                                                                                                                                                                                                                                                                                               |       |       |       |       |       |        |        |        |        | 2.5    |        |        | 146                                                                                      |

TAB 1580395



**Lifting heights**  
**Hauteurs de levage**





**Lifting capacities on the hydraulically or mechanically variable folding jib**  
**Forces de levage à la fléchette pliante à variation hydraulique ou mécanique**

|  41 – 190 ft |       |  34 ft |      |  |      |  360° |        |  50700 lbs |      | <div>85%</div> |      |      |        |      |      |                                                                                        |  |
|-----------------------------------------------------------------------------------------------|-------|-----------------------------------------------------------------------------------------|------|-----------------------------------------------------------------------------------|------|----------------------------------------------------------------------------------------|--------|---------------------------------------------------------------------------------------------|------|----------------|------|------|--------|------|------|----------------------------------------------------------------------------------------|--|
|  ft           | 41 ft |                                                                                         |      | 96 ft                                                                             |      |                                                                                        | 110 ft |                                                                                             |      | 123 ft         |      |      | 137 ft |      |      |  ft |  |
|                                                                                               | 34 ft |                                                                                         |      | 34 ft                                                                             |      |                                                                                        | 34 ft  |                                                                                             |      | 34 ft          |      |      | 34 ft  |      |      |                                                                                        |  |
|                                                                                               | 0°    | 20°                                                                                     | 40°  | 0°                                                                                | 20°  | 40°                                                                                    | 0°     | 20°                                                                                         | 40°  | 0°             | 20°  | 40°  | 0°     | 20°  | 40°  |                                                                                        |  |
| 12                                                                                            | 25.1  |                                                                                         |      | 25.1                                                                              |      |                                                                                        |        |                                                                                             |      |                |      |      |        |      |      | 12                                                                                     |  |
| 14                                                                                            | 25.1  | 22.1                                                                                    |      | 25.1                                                                              |      |                                                                                        |        |                                                                                             |      |                |      |      |        |      |      | 14                                                                                     |  |
| 17                                                                                            | 25.1  | 21.9                                                                                    |      | 25.1                                                                              |      |                                                                                        | 25.1   |                                                                                             |      |                |      |      |        |      |      | 17                                                                                     |  |
| 20                                                                                            | 25    | 21.3                                                                                    | 16.4 | 25.1                                                                              |      |                                                                                        | 25.1   |                                                                                             |      | 24.3           |      |      |        |      |      | 20                                                                                     |  |
| 23                                                                                            | 23.9  | 20.2                                                                                    | 16.4 | 25.1                                                                              |      |                                                                                        | 25.1   |                                                                                             |      | 24.3           |      |      |        |      |      | 23                                                                                     |  |
| 26                                                                                            | 22.4  | 19.3                                                                                    | 16.2 | 25.1                                                                              |      |                                                                                        | 25.1   |                                                                                             |      | 24.3           |      |      | 20.6   |      |      | 26                                                                                     |  |
| 29                                                                                            | 20.8  | 18.4                                                                                    | 15.7 | 25.1                                                                              | 22.1 |                                                                                        | 25.1   |                                                                                             |      | 24.3           |      |      | 20.6   |      |      | 29                                                                                     |  |
| 32                                                                                            | 19.4  | 17.6                                                                                    | 15.3 | 25.1                                                                              | 21.5 |                                                                                        | 25.1   | 21.1                                                                                        |      | 24.3           |      |      | 20.6   |      |      | 32                                                                                     |  |
| 35                                                                                            | 18.1  | 16.7                                                                                    | 14.9 | 25.1                                                                              | 20.9 | 16.4                                                                                   | 25.1   | 20.8                                                                                        |      | 24             | 19.9 |      | 20.6   |      |      | 35                                                                                     |  |
| 38                                                                                            | 16.9  | 15.8                                                                                    | 14.6 | 25.1                                                                              | 20.3 | 16.2                                                                                   | 25.1   | 20.3                                                                                        | 16   | 23.6           | 19.7 |      | 20.5   | 18.2 |      | 38                                                                                     |  |
| 44                                                                                            | 15    | 14.1                                                                                    | 13.6 | 24.2                                                                              | 19.3 | 15.7                                                                                   | 24.2   | 19.4                                                                                        | 15.7 | 22.7           | 18.9 | 15.3 | 20.2   | 17.9 | 14.8 | 44                                                                                     |  |
| 50                                                                                            | 13.4  | 12.8                                                                                    | 12.5 | 22.6                                                                              | 18.3 | 15.2                                                                                   | 22.9   | 18.5                                                                                        | 15.2 | 21.7           | 18.2 | 15   | 19.7   | 17.3 | 14.6 | 50                                                                                     |  |
| 56                                                                                            | 12.1  | 11.7                                                                                    | 11.6 | 20.8                                                                              | 17.4 | 14.8                                                                                   | 21.5   | 17.6                                                                                        | 14.8 | 20.8           | 17.4 | 14.7 | 18.9   | 16.8 | 14.4 | 56                                                                                     |  |
| 62                                                                                            | 10.9  | 10.8                                                                                    |      | 19.1                                                                              | 16.4 | 14.5                                                                                   | 20.1   | 16.8                                                                                        | 14.5 | 19.8           | 16.7 | 14.4 | 17.8   | 16.3 | 14.1 | 62                                                                                     |  |
| 68                                                                                            |       |                                                                                         |      | 17.6                                                                              | 15.4 | 14                                                                                     | 18.7   | 16                                                                                          | 14.2 | 18.8           | 16   | 14.1 | 16.5   | 15.6 | 13.9 | 68                                                                                     |  |
| 74                                                                                            |       |                                                                                         |      | 16.4                                                                              | 14.4 | 13.4                                                                                   | 17.4   | 15.1                                                                                        | 13.8 | 17.6           | 15.3 | 13.8 | 15.1   | 14.8 | 13.6 | 74                                                                                     |  |
| 80                                                                                            |       |                                                                                         |      | 15.2                                                                              | 13.6 | 12.8                                                                                   | 16.2   | 14.3                                                                                        | 13.3 | 15.9           | 14.5 | 13.4 | 13.9   | 13.8 | 13.2 | 80                                                                                     |  |
| 86                                                                                            |       |                                                                                         |      | 14.3                                                                              | 12.9 | 12.3                                                                                   | 15.2   | 13.6                                                                                        | 12.8 | 14.2           | 13.8 | 12.9 | 12.9   | 12.8 | 12.6 | 86                                                                                     |  |
| 92                                                                                            |       |                                                                                         |      | 13.3                                                                              | 12.2 | 11.8                                                                                   | 13.9   | 12.9                                                                                        | 12.3 | 13.1           | 13.2 | 12.4 | 11.8   | 11.9 | 12   | 92                                                                                     |  |
| 98                                                                                            |       |                                                                                         |      | 12.6                                                                              | 11.7 | 11.4                                                                                   | 12.5   | 12.4                                                                                        | 11.9 | 11.7           | 12.3 | 12.1 | 10.5   | 11   | 11.2 | 98                                                                                     |  |
| 104                                                                                           |       |                                                                                         |      | 11.9                                                                              | 11.2 | 11.2                                                                                   | 11.1   | 11.5                                                                                        | 11.5 | 10.5           | 11.1 | 11.4 | 9.3    | 10   | 10.3 | 104                                                                                    |  |
| 110                                                                                           |       |                                                                                         |      | 10.8                                                                              | 10.8 |                                                                                        | 9.9    | 10.3                                                                                        | 10.4 | 9.3            | 9.8  | 10.1 | 8.3    | 8.8  | 9.3  | 110                                                                                    |  |
| 116                                                                                           |       |                                                                                         |      | 9.8                                                                               | 10   |                                                                                        | 8.9    | 9.2                                                                                         | 8.8  | 8.3            | 8.7  | 9    | 7.7    | 7.9  | 8.2  | 116                                                                                    |  |
| 122                                                                                           |       |                                                                                         |      |                                                                                   |      |                                                                                        | 8.1    | 8.3                                                                                         |      | 7.4            | 7.8  | 8    | 7.2    | 7.3  | 7.4  | 122                                                                                    |  |
| 128                                                                                           |       |                                                                                         |      |                                                                                   |      |                                                                                        | 7.2    | 7.4                                                                                         |      | 6.6            | 6.9  | 7.1  | 6.5    | 6.8  | 6.9  | 128                                                                                    |  |
| 134                                                                                           |       |                                                                                         |      |                                                                                   |      |                                                                                        |        |                                                                                             |      | 5.8            | 6.1  |      | 5.7    | 6.1  | 6.2  | 134                                                                                    |  |
| 140                                                                                           |       |                                                                                         |      |                                                                                   |      |                                                                                        |        |                                                                                             |      | 5              | 5.3  |      | 4.9    | 5.3  | 5.4  | 140                                                                                    |  |
| 146                                                                                           |       |                                                                                         |      |                                                                                   |      |                                                                                        |        |                                                                                             |      |                |      |      | 4.3    | 4.6  |      | 146                                                                                    |  |
| 152                                                                                           |       |                                                                                         |      |                                                                                   |      |                                                                                        |        |                                                                                             |      |                |      |      | 3.7    | 3.9  |      | 152                                                                                    |  |

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| <div><div>41 – 190 ft</div><div>34 ft</div><div></div><div>360°</div><div>50700 lbs</div><div>85%</div></div> |        |      |      |        |      |      |        |     |     |        |     |     |                                                                                          |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|------|------|--------|------|------|--------|-----|-----|--------|-----|-----|------------------------------------------------------------------------------------------|
|  ft                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 151 ft |      |      | 165 ft |      |      | 178 ft |     |     | 190 ft |     |     |  ft |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 34 ft  |      |      | 34 ft  |      |      | 34 ft  |     |     | 34 ft  |     |     |                                                                                          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 0°     | 20°  | 40°  | 0°     | 20°  | 40°  | 0°     | 20° | 40° | 0°     | 20° | 40° |                                                                                          |
| 29                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 17     |      |      |        |      |      |        |     |     |        |     |     | 29                                                                                       |
| 32                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 17     |      |      | 12.4   |      |      |        |     |     |        |     |     | 32                                                                                       |
| 35                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 17     |      |      | 12.4   |      |      | 9.7    |     |     |        |     |     | 35                                                                                       |
| 38                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 17     |      |      | 12.4   |      |      | 9.7    |     |     | 7.8    |     |     | 38                                                                                       |
| 44                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 17     | 16.3 |      | 12.4   | 12.4 |      | 9.7    |     |     | 7.8    |     |     | 44                                                                                       |
| 50                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 16.6   | 15.8 | 13.8 | 12.3   | 12   |      | 9.6    | 9.5 |     | 7.8    | 7.8 |     | 50                                                                                       |
| 56                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 15.8   | 15.1 | 13.7 | 12     | 11.5 | 10.9 | 9.4    | 9.3 | 8.7 | 7.8    | 7.8 |     | 56                                                                                       |
| 62                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 14.8   | 14.2 | 13.4 | 11.5   | 10.9 | 10.6 | 9.1    | 8.9 | 8.6 | 7.8    | 7.7 | 7.5 | 62                                                                                       |
| 68                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 13.8   | 13.3 | 12.9 | 10.9   | 10.4 | 10   | 8.7    | 8.5 | 8.4 | 7.7    | 7.5 | 7.5 | 68                                                                                       |
| 74                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 12.9   | 12.4 | 12.2 | 10.3   | 9.8  | 9.5  | 8.4    | 8.1 | 8.1 | 7.5    | 7.3 | 7.3 | 74                                                                                       |
| 80                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 12     | 11.6 | 11.4 | 9.6    | 9.3  | 9.1  | 8      | 7.8 | 7.7 | 7.2    | 7   | 7   | 80                                                                                       |
| 86                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 11.2   | 10.9 | 10.7 | 9.1    | 8.8  | 8.6  | 7.6    | 7.4 | 7.4 | 6.9    | 6.7 | 6.7 | 86                                                                                       |
| 92                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 10.3   | 10.2 | 10.1 | 8.5    | 8.3  | 8.3  | 7.3    | 7.1 | 7.1 | 6.5    | 6.5 | 6.5 | 92                                                                                       |
| 98                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 9.5    | 9.5  | 9.5  | 8      | 7.9  | 7.9  | 6.9    | 6.8 | 6.8 | 6.2    | 6.2 | 6.2 | 98                                                                                       |
| 104                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 8.8    | 8.8  | 8.9  | 7.6    | 7.5  | 7.6  | 6.6    | 6.5 | 6.5 | 5.9    | 5.9 | 5.9 | 104                                                                                      |
| 110                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 7.9    | 8.2  | 8.3  | 7.2    | 7.1  | 7.2  | 6.3    | 6.2 | 6.2 | 5.7    | 5.7 | 5.7 | 110                                                                                      |
| 116                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 7      | 7.6  | 7.8  | 6.8    | 6.8  | 6.8  | 6      | 5.9 | 6   | 5.4    | 5.4 | 5.5 | 116                                                                                      |
| 122                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 6.4    | 6.7  | 7.1  | 6.3    | 6.4  | 6.5  | 5.7    | 5.7 | 5.7 | 5.1    | 5.2 | 5.2 | 122                                                                                      |
| 128                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 6      | 6.1  | 6.3  | 5.6    | 6    | 6.2  | 5.4    | 5.4 | 5.5 | 4.9    | 4.9 | 5   | 128                                                                                      |
| 134                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 5.6    | 5.7  | 5.7  | 5.1    | 5.4  | 5.7  | 5.1    | 5.2 | 5.3 | 4.6    | 4.7 | 4.8 | 134                                                                                      |
| 140                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 5.1    | 5.3  | 5.4  | 4.8    | 4.9  | 5.1  | 4.5    | 4.9 | 5   | 4.3    | 4.4 | 4.5 | 140                                                                                      |
| 146                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 4.4    | 4.8  | 5    | 4.5    | 4.6  | 4.6  | 4      | 4.4 | 4.6 | 3.7    | 4.1 | 4.3 | 146                                                                                      |
| 152                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 3.9    | 4.2  | 4.3  | 4.2    | 4.3  | 4.4  | 3.4    | 3.8 | 4   | 3.2    | 3.6 | 3.9 | 152                                                                                      |
| 158                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 3.7    | 3.8  |      | 3.7    | 4    | 4.1  | 2.9    | 3.3 | 3.5 | 2.7    | 3.1 | 3.3 | 158                                                                                      |
| 164                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 3.5    | 3.6  |      | 3.2    | 3.4  | 3.5  | 2.4    | 2.8 | 2.9 | 2.3    | 2.6 | 2.8 | 164                                                                                      |
| 170                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |        | 3.3  |      | 2.7    | 2.9  |      | 1.9    | 2.3 | 2.4 | 1.9    | 2.2 | 2.3 | 170                                                                                      |
| 176                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |        |      |      | 2.3    | 2.4  |      |        |     | 1.9 |        |     | 1.9 | 176                                                                                      |
| 182                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |        |      |      | 1.9    | 2    |      |        |     |     |        |     |     | 182                                                                                      |

TAB 1580321 / 1580331 / 1580341



**Lifting capacities on the hydraulically or mechanically variable folding jib**  
**Forces de levage à la fléchette pliante à variation hydraulique**  
**ou mécanique**

| <div><div>41 – 190 ft</div><div>62 ft</div><div></div><div>360°</div><div>50700 lbs</div><div>85%</div></div> |       |     |     |       |     |     |        |     |     |        |     |     |        |     |     |                                                                                        |  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|-----|-----|-------|-----|-----|--------|-----|-----|--------|-----|-----|--------|-----|-----|----------------------------------------------------------------------------------------|--|
|  ft                                                                                                                                                                                                                                                                                                                                                                                                                                                | 41 ft |     |     | 96 ft |     |     | 110 ft |     |     | 123 ft |     |     | 137 ft |     |     |  ft |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 62 ft |     |     | 62 ft |     |     | 62 ft  |     |     | 62 ft  |     |     | 62 ft  |     |     |                                                                                        |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 0°    | 20° | 40° | 0°    | 20° | 40° | 0°     | 20° | 40° | 0°     | 20° | 40° | 0°     | 20° | 40° |                                                                                        |  |
| 12                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 9     |     |     |       |     |     |        |     |     |        |     |     |        |     |     | 12                                                                                     |  |
| 14                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 9     |     |     |       |     |     |        |     |     |        |     |     |        |     |     | 14                                                                                     |  |
| 17                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 9     |     |     |       |     |     |        |     |     |        |     |     |        |     |     | 17                                                                                     |  |
| 20                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 9     |     |     | 9     |     |     |        |     |     |        |     |     |        |     |     | 20                                                                                     |  |
| 23                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 9     |     |     | 9     |     |     |        |     |     |        |     |     |        |     |     | 23                                                                                     |  |
| 26                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 8.7   |     |     | 9     |     |     | 8.5    |     |     |        |     |     |        |     |     | 26                                                                                     |  |
| 29                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 8.5   | 7.3 |     | 9     |     |     | 8.5    |     |     | 7.8    |     |     |        |     |     | 29                                                                                     |  |
| 32                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 8.2   | 7.3 |     | 9     |     |     | 8.5    |     |     | 7.8    |     |     | 7.3    |     |     | 32                                                                                     |  |
| 35                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 8     | 7.3 |     | 9     |     |     | 8.5    |     |     | 7.8    |     |     | 7.3    |     |     | 35                                                                                     |  |
| 38                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 7.7   | 7.2 |     | 9     |     |     | 8.5    |     |     | 7.8    |     |     | 7.3    |     |     | 38                                                                                     |  |
| 44                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 7     | 6.9 |     | 8.5   | 7.3 |     | 8.5    |     |     | 7.8    |     |     | 7.3    |     |     | 44                                                                                     |  |
| 50                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 6.3   | 6.5 | 5.8 | 8.3   | 7.3 |     | 8.3    | 7   |     | 7.8    | 6.8 |     | 7.3    |     |     | 50                                                                                     |  |
| 56                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 5.7   | 6   | 5.7 | 8.1   | 7.1 |     | 8      | 7   |     | 7.7    | 6.8 |     | 7.3    | 6.6 |     | 56                                                                                     |  |
| 62                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 5.1   | 5.5 | 5.5 | 7.7   | 6.9 | 5.8 | 7.7    | 6.8 | 5.8 | 7.5    | 6.7 |     | 7.3    | 6.5 |     | 62                                                                                     |  |
| 68                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 4.6   | 4.9 | 5.2 | 7.3   | 6.6 | 5.8 | 7.4    | 6.6 | 5.8 | 7.2    | 6.5 | 5.6 | 7.1    | 6.4 | 5.6 | 68                                                                                     |  |
| 74                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 4.2   | 4.5 | 4.8 | 6.8   | 6.4 | 5.7 | 7      | 6.3 | 5.7 | 6.9    | 6.3 | 5.6 | 6.9    | 6.2 | 5.6 | 74                                                                                     |  |
| 80                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 3.9   | 4.1 | 4.3 | 6.3   | 6.1 | 5.6 | 6.6    | 6.1 | 5.6 | 6.5    | 6.1 | 5.5 | 6.6    | 6.1 | 5.5 | 80                                                                                     |  |
| 86                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 3.6   | 3.7 |     | 5.9   | 5.8 | 5.5 | 6.2    | 5.9 | 5.5 | 6.2    | 5.9 | 5.5 | 6.3    | 6   | 5.4 | 86                                                                                     |  |
| 92                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |       |     |     | 5.6   | 5.4 | 5.4 | 5.8    | 5.6 | 5.4 | 5.8    | 5.6 | 5.4 | 6      | 5.7 | 5.3 | 92                                                                                     |  |
| 98                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |       |     |     | 5.2   | 5.1 | 5.1 | 5.5    | 5.3 | 5.3 | 5.4    | 5.4 | 5.2 | 5.6    | 5.4 | 5.3 | 98                                                                                     |  |
| 104                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |       |     |     | 4.9   | 4.8 | 4.8 | 5.2    | 5.1 | 5   | 5.1    | 5.1 | 5   | 5.3    | 5.2 | 5.1 | 104                                                                                    |  |
| 110                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |       |     |     | 4.6   | 4.5 | 4.6 | 4.9    | 4.8 | 4.8 | 4.8    | 4.8 | 4.8 | 5      | 5   | 4.9 | 110                                                                                    |  |
| 116                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |       |     |     | 4.3   | 4.3 | 4.3 | 4.7    | 4.6 | 4.6 | 4.5    | 4.6 | 4.6 | 4.8    | 4.7 | 4.7 | 116                                                                                    |  |
| 122                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |       |     |     | 4     | 4   | 4.1 | 4.4    | 4.4 | 4.4 | 4.2    | 4.3 | 4.4 | 4.5    | 4.5 | 4.5 | 122                                                                                    |  |
| 128                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |       |     |     | 3.8   | 3.8 | 3.9 | 4.2    | 4.2 | 4.2 | 4      | 4.1 | 4.2 | 4.3    | 4.3 | 4.4 | 128                                                                                    |  |
| 134                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |       |     |     | 3.6   | 3.6 |     | 4      | 4   | 4   | 3.8    | 3.8 | 3.9 | 4      | 4.1 | 4.2 | 134                                                                                    |  |
| 140                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |       |     |     | 3.4   | 3.5 |     | 3.8    | 3.8 | 3.9 | 3.5    | 3.6 | 3.7 | 3.8    | 3.9 | 4   | 140                                                                                    |  |
| 146                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |       |     |     |       |     |     | 3.6    | 3.6 |     | 3.3    | 3.4 | 3.5 | 3.6    | 3.7 | 3.8 | 146                                                                                    |  |
| 152                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |       |     |     |       |     |     | 3.5    | 3.5 |     | 3.1    | 3.2 | 3.3 | 3.5    | 3.5 | 3.6 | 152                                                                                    |  |
| 158                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |       |     |     |       |     |     |        |     |     | 3      | 3   |     | 3.3    | 3.3 | 3.4 | 158                                                                                    |  |
| 164                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |       |     |     |       |     |     |        |     |     | 2.8    | 2.9 |     | 3.1    | 3.2 | 3.2 | 164                                                                                    |  |
| 170                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |       |     |     |       |     |     |        |     |     | 2.7    | 2.7 |     | 3      | 3   | 3.1 | 170                                                                                    |  |
| 176                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |       |     |     |       |     |     |        |     |     | 2.5    |     |     | 2.9    | 2.9 |     | 176                                                                                    |  |
| 182                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |       |     |     |       |     |     |        |     |     |        |     |     | 2.7    | 2.8 |     | 182                                                                                    |  |
| 188                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |       |     |     |       |     |     |        |     |     |        |     |     | 2.6    |     |     | 188                                                                                    |  |

TAB 1580321 / 1580331 / 1580341



**Lifting capacities on the hydraulically or mechanically variable folding jib**  
**Forces de levage à la fléchette pliante à variation hydraulique**  
**ou mécanique**

| <div><div>41 – 190 ft</div><div>62 ft</div><div></div><div>360°</div><div></div><div>50700 lbs</div><div>85%</div></div> |        |     |     |        |     |     |        |     |     |        |     |     |     |
|--------------------------------------------------------------------------------------------------------------------------|--------|-----|-----|--------|-----|-----|--------|-----|-----|--------|-----|-----|-----|
| ft                                                                                                                       | 151 ft |     |     | 165 ft |     |     | 178 ft |     |     | 190 ft |     |     | ft  |
|                                                                                                                          | 62 ft  |     |     | 62 ft  |     |     | 62 ft  |     |     | 62 ft  |     |     |     |
|                                                                                                                          | 0°     | 20° | 40° | 0°     | 20° | 40° | 0°     | 20° | 40° | 0°     | 20° | 40° |     |
| 35                                                                                                                       | 7.3    |     |     |        |     |     |        |     |     |        |     |     | 35  |
| 38                                                                                                                       | 7.3    |     |     | 6.8    |     |     |        |     |     |        |     |     | 38  |
| 44                                                                                                                       | 7.3    |     |     | 6.8    |     |     | 5.6    |     |     |        |     |     | 44  |
| 50                                                                                                                       | 7.3    |     |     | 6.8    |     |     | 5.6    |     |     | 4.6    |     |     | 50  |
| 56                                                                                                                       | 7.3    | 6.6 |     | 6.8    |     |     | 5.6    |     |     | 4.6    |     |     | 56  |
| 62                                                                                                                       | 7.3    | 6.6 |     | 6.8    | 6.3 |     | 5.6    |     |     | 4.6    |     |     | 62  |
| 68                                                                                                                       | 7.3    | 6.5 |     | 6.8    | 6.3 |     | 5.6    | 5.6 |     | 4.6    | 4.6 |     | 68  |
| 74                                                                                                                       | 7.2    | 6.4 | 5.5 | 6.7    | 6.2 | 5.3 | 5.6    | 5.6 |     | 4.6    | 4.6 |     | 74  |
| 80                                                                                                                       | 7      | 6.2 | 5.5 | 6.6    | 6   | 5.3 | 5.6    | 5.6 | 5.1 | 4.5    | 4.6 |     | 80  |
| 86                                                                                                                       | 6.9    | 6.1 | 5.4 | 6.6    | 5.9 | 5.3 | 5.6    | 5.5 | 5.1 | 4.5    | 4.6 | 4.6 | 86  |
| 92                                                                                                                       | 6.7    | 6   | 5.4 | 6.5    | 5.8 | 5.3 | 5.6    | 5.4 | 5.1 | 4.4    | 4.6 | 4.6 | 92  |
| 98                                                                                                                       | 6.5    | 5.8 | 5.3 | 6.4    | 5.7 | 5.2 | 5.4    | 5.3 | 5   | 4.3    | 4.6 | 4.6 | 98  |
| 104                                                                                                                      | 6.3    | 5.7 | 5.3 | 6.2    | 5.6 | 5.2 | 5.2    | 5.1 | 5   | 4.3    | 4.6 | 4.6 | 104 |
| 110                                                                                                                      | 6      | 5.6 | 5.2 | 6      | 5.5 | 5.1 | 5      | 4.9 | 4.8 | 4.2    | 4.5 | 4.5 | 110 |
| 116                                                                                                                      | 5.7    | 5.5 | 5.2 | 5.7    | 5.4 | 5.1 | 4.9    | 4.8 | 4.7 | 4.2    | 4.4 | 4.3 | 116 |
| 122                                                                                                                      | 5.5    | 5.3 | 5.1 | 5.5    | 5.3 | 5.1 | 4.7    | 4.6 | 4.6 | 4.1    | 4.2 | 4.2 | 122 |
| 128                                                                                                                      | 5.2    | 5.1 | 5   | 5.2    | 5.2 | 5.1 | 4.5    | 4.4 | 4.4 | 4      | 4.1 | 4.1 | 128 |
| 134                                                                                                                      | 4.9    | 5   | 4.9 | 5      | 5   | 5   | 4.3    | 4.3 | 4.3 | 3.9    | 3.9 | 4   | 134 |
| 140                                                                                                                      | 4.7    | 4.7 | 4.8 | 4.7    | 4.8 | 4.8 | 4.1    | 4.1 | 4.1 | 3.7    | 3.8 | 3.8 | 140 |
| 146                                                                                                                      | 4.4    | 4.5 | 4.6 | 4.2    | 4.6 | 4.7 | 3.9    | 3.9 | 4   | 3.5    | 3.6 | 3.7 | 146 |
| 152                                                                                                                      | 4.2    | 4.3 | 4.4 | 3.7    | 4.3 | 4.5 | 3.7    | 3.8 | 3.9 | 3.3    | 3.4 | 3.6 | 152 |
| 158                                                                                                                      | 4      | 4.1 | 4.2 | 3.5    | 3.8 | 4.3 | 3.3    | 3.6 | 3.7 | 3      | 3.3 | 3.4 | 158 |
| 164                                                                                                                      | 3.5    | 3.9 | 4   | 3.4    | 3.4 | 3.8 | 2.8    | 3.5 | 3.6 | 2.6    | 3.2 | 3.2 | 164 |
| 170                                                                                                                      | 3.1    | 3.6 | 3.8 | 3.2    | 3.3 | 3.4 | 2.4    | 3   | 3.4 | 2.2    | 2.8 | 3.1 | 170 |
| 176                                                                                                                      | 2.7    | 3.1 | 3.2 | 2.8    | 3.1 | 3.2 | 2      | 2.6 | 2.9 |        | 2.4 | 2.8 | 176 |
| 182                                                                                                                      | 2.6    | 2.7 | 2.8 | 2.4    | 2.8 | 3   |        | 2.2 | 2.5 |        | 2   | 2.4 | 182 |
| 188                                                                                                                      | 2.4    | 2.5 |     | 2      | 2.4 | 2.6 |        | 1.8 | 2   |        |     | 1.9 | 188 |
| 194                                                                                                                      | 2.2    | 2.3 |     | 1.6    | 2   | 2.1 |        |     |     |        |     |     | 194 |
| 200                                                                                                                      | 1.9    |     |     |        |     |     |        |     |     |        |     |     | 200 |

TAB 1580321 / 1580331 / 1580341

TAB 1580321 / 1580331 / 1580341



Lifting capacities on the hydraulically or mechanically variable folding jib  
Forces de levage à la fléchette pliante à variation hydraulique  
ou mécanique

| <div><div><div>85%</div></div></div> |       |      |      |       |      |      |        |      |      |        |      |      |        |      |      |                                                                                           |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|------|------|-------|------|------|--------|------|------|--------|------|------|--------|------|------|-------------------------------------------------------------------------------------------|
| <br>ft                                                                                                                                                                                                                                                                                                                                                                    | 41 ft |      |      | 96 ft |      |      | 110 ft |      |      | 123 ft |      |      | 137 ft |      |      | <br>ft |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 34 ft |      |      | 34 ft |      |      | 34 ft  |      |      | 34 ft  |      |      | 34 ft  |      |      |                                                                                           |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 0°    | 20°  | 40°  | 0°    | 20°  | 40°  | 0°     | 20°  | 40°  | 0°     | 20°  | 40°  | 0°     | 20°  | 40°  |                                                                                           |
| 12                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 25.1  |      |      |       |      |      |        |      |      |        |      |      |        |      |      | 12                                                                                        |
| 14                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 25.1  | 22.1 |      | 25.1  |      |      |        |      |      |        |      |      |        |      |      | 14                                                                                        |
| 17                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 25.1  | 21.9 |      | 25.1  |      |      | 25.1   |      |      |        |      |      |        |      |      | 17                                                                                        |
| 20                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 25    | 21.3 | 16.4 | 25.1  |      |      | 25.1   |      |      | 24.3   |      |      |        |      |      | 20                                                                                        |
| 23                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 23.9  | 20.2 | 16.4 | 25.1  |      |      | 25.1   |      |      | 24.3   |      |      |        |      |      | 23                                                                                        |
| 26                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 22.4  | 19.3 | 16.2 | 25.1  |      |      | 25.1   |      |      | 24.3   |      |      | 20.6   |      |      | 26                                                                                        |
| 29                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 20.8  | 18.4 | 15.7 | 25.1  | 22.1 |      | 25.1   |      |      | 24.3   |      |      | 20.6   |      |      | 29                                                                                        |
| 32                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 19.4  | 17.6 | 15.3 | 25.1  | 21.5 |      | 25.1   | 21.1 |      | 24.3   |      |      | 20.6   |      |      | 32                                                                                        |
| 35                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 18.1  | 16.7 | 14.9 | 25.1  | 20.9 | 16.4 | 25.1   | 20.8 |      | 24     | 19.9 |      | 20.6   |      |      | 35                                                                                        |
| 38                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 16.9  | 15.8 | 14.6 | 25.1  | 20.3 | 16.2 | 25.1   | 20.3 | 16   | 23.6   | 19.7 |      | 20.5   | 18.2 |      | 38                                                                                        |
| 44                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 15    | 14.1 | 13.6 | 24.2  | 19.3 | 15.7 | 24.2   | 19.4 | 15.7 | 22.7   | 18.9 | 15.3 | 20.2   | 17.9 | 14.8 | 44                                                                                        |
| 50                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 13.4  | 12.8 | 12.5 | 22.6  | 18.3 | 15.2 | 22.9   | 18.5 | 15.2 | 21.7   | 18.2 | 15   | 19.7   | 17.3 | 14.6 | 50                                                                                        |
| 56                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 12.1  | 11.7 | 11.6 | 20.8  | 17.4 | 14.8 | 20.9   | 17.6 | 14.8 | 19.8   | 17.4 | 14.7 | 18.1   | 16.8 | 14.4 | 56                                                                                        |
| 62                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 10.9  | 10.8 |      | 19.1  | 16.4 | 14.5 | 18.3   | 16.8 | 14.5 | 17.2   | 16.7 | 14.4 | 15.8   | 16.1 | 14.1 | 62                                                                                        |
| 68                                                                                                                                                                                                                                                                                                                                                                                                                                                        |       |      |      | 17.2  | 15.4 | 14   | 15.9   | 15.9 | 14.2 | 14.7   | 15.6 | 14.1 | 13.9   | 14.7 | 13.9 | 68                                                                                        |
| 74                                                                                                                                                                                                                                                                                                                                                                                                                                                        |       |      |      | 15    | 14.4 | 13.4 | 13.8   | 14.6 | 13.8 | 12.7   | 13.8 | 13.7 | 12.3   | 12.8 | 13.3 | 74                                                                                        |
| 80                                                                                                                                                                                                                                                                                                                                                                                                                                                        |       |      |      | 13.2  | 13.5 | 12.8 | 12     | 12.9 | 13.2 | 11     | 12   | 12.8 | 10.6   | 11.5 | 11.8 | 80                                                                                        |
| 86                                                                                                                                                                                                                                                                                                                                                                                                                                                        |       |      |      | 11.7  | 12.3 | 12.2 | 10.5   | 11.3 | 11.9 | 9.5    | 10.4 | 11.1 | 9.2    | 10.1 | 10.7 | 86                                                                                        |
| 92                                                                                                                                                                                                                                                                                                                                                                                                                                                        |       |      |      | 10.2  | 10.8 | 11.2 | 9.2    | 9.9  | 10.4 | 8.2    | 9    | 9.7  | 7.9    | 8.8  | 9.4  | 92                                                                                        |
| 98                                                                                                                                                                                                                                                                                                                                                                                                                                                        |       |      |      | 8.9   | 9.4  | 9.6  | 8.1    | 8.7  | 9.1  | 7.1    | 7.8  | 8.4  | 6.9    | 7.6  | 8.2  | 98                                                                                        |
| 104                                                                                                                                                                                                                                                                                                                                                                                                                                                       |       |      |      | 7.9   | 8.3  | 8.4  | 7.1    | 7.6  | 7.9  | 6.2    | 6.8  | 7.2  | 5.9    | 6.6  | 7.1  | 104                                                                                       |
| 110                                                                                                                                                                                                                                                                                                                                                                                                                                                       |       |      |      | 7     | 7.3  |      | 6.1    | 6.6  | 6.8  | 5.6    | 5.9  | 6.2  | 5      | 5.6  | 6.1  | 110                                                                                       |
| 116                                                                                                                                                                                                                                                                                                                                                                                                                                                       |       |      |      | 6.1   | 6.3  |      | 5.2    | 5.7  | 5.8  | 5.2    | 5.3  | 5.4  | 4.3    | 4.8  | 5.2  | 116                                                                                       |
| 122                                                                                                                                                                                                                                                                                                                                                                                                                                                       |       |      |      |       |      |      | 4.5    | 4.8  |      | 4.9    | 4.9  | 5    | 3.6    | 4.1  | 4.4  | 122                                                                                       |
| 128                                                                                                                                                                                                                                                                                                                                                                                                                                                       |       |      |      |       |      |      | 3.8    | 4    |      | 4.6    | 4.6  | 4.7  | 3      | 3.4  | 3.7  | 128                                                                                       |
| 134                                                                                                                                                                                                                                                                                                                                                                                                                                                       |       |      |      |       |      |      |        |      |      | 4.3    | 4.4  |      |        | 2.8  | 3    | 134                                                                                       |
| 140                                                                                                                                                                                                                                                                                                                                                                                                                                                       |       |      |      |       |      |      |        |      |      | 3.8    | 4    |      |        |      |      | 140                                                                                       |

TAB 1580325 / 1580335 / 1580345

| <div><div><div>85%</div></div></div> |        |      |      |        |      |      |        |     |     |        |     |     |                                                                                             |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|------|------|--------|------|------|--------|-----|-----|--------|-----|-----|---------------------------------------------------------------------------------------------|
| <br>ft                                                                                                                                                                                                                                                                                                                                                                            | 151 ft |      |      | 165 ft |      |      | 178 ft |     |     | 190 ft |     |     | <br>ft |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 34 ft  |      |      | 34 ft  |      |      | 34 ft  |     |     | 34 ft  |     |     |                                                                                             |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 0°     | 20°  | 40°  | 0°     | 20°  | 40°  | 0°     | 20° | 40° | 0°     | 20° | 40° |                                                                                             |
| 29                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 17     |      |      |        |      |      |        |     |     |        |     |     | 29                                                                                          |
| 32                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 17     |      |      | 12.4   |      |      |        |     |     |        |     |     | 32                                                                                          |
| 35                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 17     |      |      | 12.4   |      |      | 9.7    |     |     |        |     |     | 35                                                                                          |
| 38                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 17     |      |      | 12.4   |      |      | 9.7    |     |     | 7.8    |     |     | 38                                                                                          |
| 44                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 17     | 16.3 |      | 12.4   | 12.4 |      | 9.7    |     |     | 7.8    |     |     | 44                                                                                          |
| 50                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 16.6   | 15.8 | 13.8 | 12.3   | 12   |      | 9.6    | 9.5 |     | 7.8    | 7.8 |     | 50                                                                                          |
| 56                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 15.8   | 15.1 | 13.7 | 12     | 11.5 | 10.9 | 9.4    | 9.3 | 8.7 | 7.8    | 7.8 |     | 56                                                                                          |
| 62                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 14.6   | 14.2 | 13.4 | 11.5   | 10.9 | 10.6 | 9.1    | 8.9 | 8.6 | 7.8    | 7.7 | 7.5 | 62                                                                                          |
| 68                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 13     | 13.3 | 12.9 | 10.9   | 10.4 | 10   | 8.7    | 8.5 | 8.4 | 7.7    | 7.5 | 7.5 | 68                                                                                          |
| 74                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 11.2   | 12.1 | 12.2 | 10.3   | 9.8  | 9.5  | 8.4    | 8.1 | 8.1 | 7.5    | 7.3 | 7.3 | 74                                                                                          |
| 80                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 10.1   | 10.6 | 11.3 | 9.5    | 9.3  | 9.1  | 8      | 7.8 | 7.7 | 7.2    | 7   | 7   | 80                                                                                          |
| 86                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 9.1    | 9.1  | 9.9  | 8.3    | 8.7  | 8.6  | 7.6    | 7.4 | 7.4 | 6.9    | 6.7 | 6.7 | 86                                                                                          |
| 92                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 7.9    | 8.6  | 8.5  | 7.3    | 7.9  | 8.3  | 7.3    | 7.1 | 7.1 | 6.5    | 6.5 | 6.5 | 92                                                                                          |
| 98                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 6.9    | 7.6  | 8    | 7      | 6.9  | 7.4  | 6.2    | 6.8 | 6.8 | 6      | 6.2 | 6.2 | 98                                                                                          |
| 104                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 6.4    | 6.6  | 7.1  | 6.2    | 6.5  | 6.6  | 5.3    | 6   | 6.5 | 5.1    | 5.7 | 5.9 | 104                                                                                         |
| 110                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 6      | 6.1  | 6.3  | 5.4    | 6    | 6.2  | 4.5    | 5.2 | 5.7 | 4.3    | 5   | 5.4 | 110                                                                                         |
| 116                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 5.3    | 5.7  | 5.8  | 4.7    | 5.2  | 5.6  | 3.7    | 4.4 | 4.9 | 3.5    | 4.2 | 4.7 | 116                                                                                         |
| 122                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 4.7    | 5.1  | 5.3  | 4      | 4.5  | 4.9  | 3.1    | 3.7 | 4.1 | 2.9    | 3.5 | 3.9 | 122                                                                                         |
| 128                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 4      | 4.5  | 4.7  | 3.4    | 3.8  | 4.2  |        | 3   | 3.4 |        | 2.8 | 3.3 | 128                                                                                         |
| 134                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 3.5    | 3.8  | 4.1  | 2.8    | 3.2  | 3.5  |        |     | 2.8 |        |     | 2.6 | 134                                                                                         |
| 140                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 2.9    | 3.3  | 3.5  |        | 2.7  | 3    |        |     |     |        |     |     | 140                                                                                         |
| 146                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 2.4    | 2.7  | 2.9  |        |      |      |        |     |     |        |     |     | 146                                                                                         |

TAB 1580325 / 1580335 / 1580345





**Lifting capacities on the hydraulically or mechanically variable folding jib**  
**Forces de levage à la fléchette pliante à variation hydraulique**  
**ou mécanique**

|  41 – 190 ft |       |  62 ft |     |  |     |  360° |        |  30000 lbs |     |  85% |     |     |        |     |     |                                                                                        |  |  |  |  |  |  |  |
|-----------------------------------------------------------------------------------------------|-------|-----------------------------------------------------------------------------------------|-----|-----------------------------------------------------------------------------------|-----|----------------------------------------------------------------------------------------|--------|---------------------------------------------------------------------------------------------|-----|---------------------------------------------------------------------------------------|-----|-----|--------|-----|-----|----------------------------------------------------------------------------------------|--|--|--|--|--|--|--|
|  ft          | 41 ft |                                                                                         |     | 96 ft                                                                             |     |                                                                                        | 110 ft |                                                                                             |     | 123 ft                                                                                |     |     | 137 ft |     |     |  ft |  |  |  |  |  |  |  |
|                                                                                               | 62 ft |                                                                                         |     | 62 ft                                                                             |     |                                                                                        | 62 ft  |                                                                                             |     | 62 ft                                                                                 |     |     | 62 ft  |     |     |                                                                                        |  |  |  |  |  |  |  |
|                                                                                               | 0°    | 20°                                                                                     | 40° | 0°                                                                                | 20° | 40°                                                                                    | 0°     | 20°                                                                                         | 40° | 0°                                                                                    | 20° | 40° | 0°     | 20° | 40° |                                                                                        |  |  |  |  |  |  |  |
| 12                                                                                            | 9     |                                                                                         |     |                                                                                   |     |                                                                                        |        |                                                                                             |     |                                                                                       |     |     |        |     |     | 12                                                                                     |  |  |  |  |  |  |  |
| 14                                                                                            | 9     |                                                                                         |     |                                                                                   |     |                                                                                        |        |                                                                                             |     |                                                                                       |     |     |        |     |     | 14                                                                                     |  |  |  |  |  |  |  |
| 17                                                                                            | 9     |                                                                                         |     |                                                                                   |     |                                                                                        |        |                                                                                             |     |                                                                                       |     |     |        |     |     | 17                                                                                     |  |  |  |  |  |  |  |
| 20                                                                                            | 9     |                                                                                         |     | 9                                                                                 |     |                                                                                        |        |                                                                                             |     |                                                                                       |     |     |        |     |     | 20                                                                                     |  |  |  |  |  |  |  |
| 23                                                                                            | 9     |                                                                                         |     | 9                                                                                 |     |                                                                                        |        |                                                                                             |     |                                                                                       |     |     |        |     |     | 23                                                                                     |  |  |  |  |  |  |  |
| 26                                                                                            | 8.7   |                                                                                         |     | 9                                                                                 |     |                                                                                        | 8.5    |                                                                                             |     |                                                                                       |     |     |        |     |     | 26                                                                                     |  |  |  |  |  |  |  |
| 29                                                                                            | 8.5   | 7.3                                                                                     |     | 9                                                                                 |     |                                                                                        | 8.5    |                                                                                             |     | 7.8                                                                                   |     |     |        |     |     | 29                                                                                     |  |  |  |  |  |  |  |
| 32                                                                                            | 8.2   | 7.3                                                                                     |     | 9                                                                                 |     |                                                                                        | 8.5    |                                                                                             |     | 7.8                                                                                   |     |     | 7.3    |     |     | 32                                                                                     |  |  |  |  |  |  |  |
| 35                                                                                            | 8     | 7.3                                                                                     |     | 9                                                                                 |     |                                                                                        | 8.5    |                                                                                             |     | 7.8                                                                                   |     |     | 7.3    |     |     | 35                                                                                     |  |  |  |  |  |  |  |
| 38                                                                                            | 7.7   | 7.2                                                                                     |     | 9                                                                                 |     |                                                                                        | 8.5    |                                                                                             |     | 7.8                                                                                   |     |     | 7.3    |     |     | 38                                                                                     |  |  |  |  |  |  |  |
| 44                                                                                            | 7     | 6.9                                                                                     |     | 8.5                                                                               | 7.3 |                                                                                        | 8.5    |                                                                                             |     | 7.8                                                                                   |     |     | 7.3    |     |     | 44                                                                                     |  |  |  |  |  |  |  |
| 50                                                                                            | 6.3   | 6.5                                                                                     | 5.8 | 8.3                                                                               | 7.3 |                                                                                        | 8.3    | 7                                                                                           |     | 7.8                                                                                   | 6.8 |     | 7.3    |     |     | 50                                                                                     |  |  |  |  |  |  |  |
| 56                                                                                            | 5.7   | 6                                                                                       | 5.7 | 8.1                                                                               | 7.1 |                                                                                        | 8      | 7                                                                                           |     | 7.7                                                                                   | 6.8 |     | 7.3    | 6.6 |     | 56                                                                                     |  |  |  |  |  |  |  |
| 62                                                                                            | 5.1   | 5.5                                                                                     | 5.5 | 7.7                                                                               | 6.9 | 5.8                                                                                    | 7.7    | 6.8                                                                                         | 5.8 | 7.5                                                                                   | 6.7 |     | 7.3    | 6.5 |     | 62                                                                                     |  |  |  |  |  |  |  |
| 68                                                                                            | 4.6   | 4.9                                                                                     | 5.2 | 7.3                                                                               | 6.6 | 5.8                                                                                    | 7.4    | 6.6                                                                                         | 5.8 | 7.2                                                                                   | 6.5 | 5.6 | 7.1    | 6.4 | 5.6 | 68                                                                                     |  |  |  |  |  |  |  |
| 74                                                                                            | 4.2   | 4.5                                                                                     | 4.8 | 6.8                                                                               | 6.4 | 5.7                                                                                    | 7      | 6.3                                                                                         | 5.7 | 6.9                                                                                   | 6.3 | 5.6 | 6.9    | 6.2 | 5.6 | 74                                                                                     |  |  |  |  |  |  |  |
| 80                                                                                            | 3.9   | 4.1                                                                                     | 4.3 | 6.3                                                                               | 6.1 | 5.6                                                                                    | 6.6    | 6.1                                                                                         | 5.6 | 6.5                                                                                   | 6.1 | 5.5 | 6.6    | 6.1 | 5.5 | 80                                                                                     |  |  |  |  |  |  |  |
| 86                                                                                            | 3.6   | 3.7                                                                                     |     | 5.9                                                                               | 5.8 | 5.5                                                                                    | 6.2    | 5.9                                                                                         | 5.5 | 6.2                                                                                   | 5.9 | 5.5 | 6.3    | 6   | 5.4 | 86                                                                                     |  |  |  |  |  |  |  |
| 92                                                                                            |       |                                                                                         |     | 5.6                                                                               | 5.4 | 5.4                                                                                    | 5.8    | 5.6                                                                                         | 5.4 | 5.8                                                                                   | 5.6 | 5.4 | 6      | 5.7 | 5.3 | 92                                                                                     |  |  |  |  |  |  |  |
| 98                                                                                            |       |                                                                                         |     | 5.2                                                                               | 5.1 | 5.1                                                                                    | 5.5    | 5.3                                                                                         | 5.3 | 5.4                                                                                   | 5.4 | 5.2 | 5.6    | 5.4 | 5.3 | 98                                                                                     |  |  |  |  |  |  |  |
| 104                                                                                           |       |                                                                                         |     | 4.9                                                                               | 4.8 | 4.8                                                                                    | 5.2    | 5.1                                                                                         | 5   | 5.1                                                                                   | 5.1 | 5   | 5.3    | 5.2 | 5.1 | 104                                                                                    |  |  |  |  |  |  |  |
| 110                                                                                           |       |                                                                                         |     | 4.6                                                                               | 4.5 | 4.6                                                                                    | 4.9    | 4.8                                                                                         | 4.8 | 4.8                                                                                   | 4.8 | 4.8 | 5      | 5   | 4.9 | 110                                                                                    |  |  |  |  |  |  |  |
| 116                                                                                           |       |                                                                                         |     | 4.3                                                                               | 4.3 | 4.3                                                                                    | 4.7    | 4.6                                                                                         | 4.6 | 4.5                                                                                   | 4.6 | 4.6 | 4.8    | 4.7 | 4.7 | 116                                                                                    |  |  |  |  |  |  |  |
| 122                                                                                           |       |                                                                                         |     | 4                                                                                 | 4   | 4.1                                                                                    | 4.4    | 4.4                                                                                         | 4.4 | 4.2                                                                                   | 4.3 | 4.4 | 4.5    | 4.5 | 4.5 | 122                                                                                    |  |  |  |  |  |  |  |
| 128                                                                                           |       |                                                                                         |     | 3.8                                                                               | 3.8 | 3.9                                                                                    | 4.2    | 4.2                                                                                         | 4.2 | 4                                                                                     | 4.1 | 4.2 | 4.3    | 4.3 | 4.4 | 128                                                                                    |  |  |  |  |  |  |  |
| 134                                                                                           |       |                                                                                         |     | 3.6                                                                               | 3.6 |                                                                                        | 4      | 4                                                                                           | 4   | 3.8                                                                                   | 3.8 | 3.9 | 4      | 4.1 | 4.2 | 134                                                                                    |  |  |  |  |  |  |  |
| 140                                                                                           |       |                                                                                         |     | 3.4                                                                               | 3.5 |                                                                                        | 3.8    | 3.8                                                                                         | 3.9 | 3.5                                                                                   | 3.6 | 3.7 | 3.8    | 3.9 | 4   | 140                                                                                    |  |  |  |  |  |  |  |
| 146                                                                                           |       |                                                                                         |     |                                                                                   |     |                                                                                        | 3.6    | 3.6                                                                                         |     | 3.3                                                                                   | 3.4 | 3.5 | 3.6    | 3.7 | 3.8 | 146                                                                                    |  |  |  |  |  |  |  |
| 152                                                                                           |       |                                                                                         |     |                                                                                   |     |                                                                                        | 3.5    | 3.5                                                                                         |     | 3.1                                                                                   | 3.2 | 3.3 | 3.2    | 3.5 | 3.6 | 152                                                                                    |  |  |  |  |  |  |  |
| 158                                                                                           |       |                                                                                         |     |                                                                                   |     |                                                                                        |        |                                                                                             |     | 3                                                                                     | 3   |     | 2.7    | 3.2 | 3.4 | 158                                                                                    |  |  |  |  |  |  |  |
| 164                                                                                           |       |                                                                                         |     |                                                                                   |     |                                                                                        |        |                                                                                             |     | 2.6                                                                                   | 2.9 |     | 2.3    | 2.7 | 2.9 | 164                                                                                    |  |  |  |  |  |  |  |
| 170                                                                                           |       |                                                                                         |     |                                                                                   |     |                                                                                        |        |                                                                                             |     | 2.3                                                                                   | 2.5 |     | 1.9    | 2.2 | 2.3 | 170                                                                                    |  |  |  |  |  |  |  |
| 176                                                                                           |       |                                                                                         |     |                                                                                   |     |                                                                                        |        |                                                                                             |     | 1.9                                                                                   |     |     |        | 1.8 |     | 176                                                                                    |  |  |  |  |  |  |  |

TAB 1580325 / 1580335 / 1580344

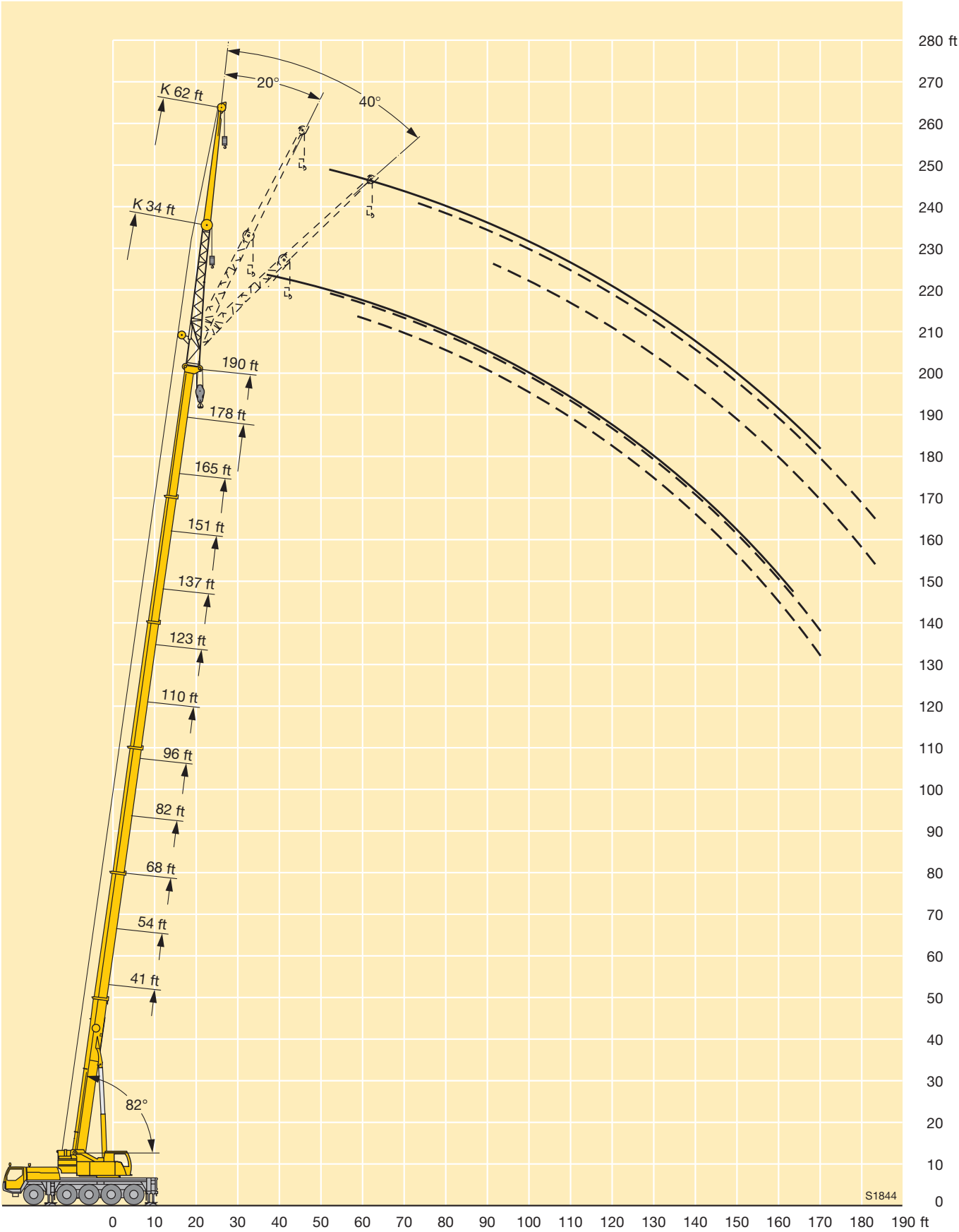
TAB 1580325 / 1580335 / 1580345

| <div><div>41 – 190 ft</div><div>62 ft</div><div></div><div>360°</div><div>30000 lbs</div><div>85%</div></div> |        |     |     |        |     |     |        |     |     |        |     |     |                                                                                          |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|-----|-----|--------|-----|-----|--------|-----|-----|--------|-----|-----|------------------------------------------------------------------------------------------|
|  ft                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 151 ft |     |     | 165 ft |     |     | 178 ft |     |     | 190 ft |     |     |  ft |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 62 ft  |     |     | 62 ft  |     |     | 62 ft  |     |     | 62 ft  |     |     |                                                                                          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 0°     | 20° | 40° | 0°     | 20° | 40° | 0°     | 20° | 40° | 0°     | 20° | 40° |                                                                                          |
| 35                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 7.3    |     |     |        |     |     |        |     |     |        |     |     | 35                                                                                       |
| 38                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 7.3    |     |     | 6.8    |     |     |        |     |     |        |     |     | 38                                                                                       |
| 44                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 7.3    |     |     | 6.8    |     |     | 5.6    |     |     |        |     |     | 44                                                                                       |
| 50                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 7.3    |     |     | 6.8    |     |     | 5.6    |     |     | 4.6    |     |     | 50                                                                                       |
| 56                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 7.3    | 6.6 |     | 6.8    |     |     | 5.6    |     |     | 4.6    |     |     | 56                                                                                       |
| 62                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 7.3    | 6.6 |     | 6.8    | 6.3 |     | 5.6    |     |     | 4.6    |     |     | 62                                                                                       |
| 68                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 7.3    | 6.5 |     | 6.8    | 6.3 |     | 5.6    | 5.6 |     | 4.6    | 4.6 |     | 68                                                                                       |
| 74                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 7.2    | 6.4 | 5.5 | 6.7    | 6.2 | 5.3 | 5.6    | 5.6 |     | 4.6    | 4.6 |     | 74                                                                                       |
| 80                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 7      | 6.2 | 5.5 | 6.6    | 6   | 5.3 | 5.6    | 5.6 | 5.1 | 4.5    | 4.6 |     | 80                                                                                       |
| 86                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 6.9    | 6.1 | 5.4 | 6.6    | 5.9 | 5.3 | 5.6    | 5.5 | 5.1 | 4.5    | 4.6 | 4.6 | 86                                                                                       |
| 92                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 6.7    | 6   | 5.4 | 6.5    | 5.8 | 5.3 | 5.6    | 5.4 | 5.1 | 4.4    | 4.6 | 4.6 | 92                                                                                       |
| 98                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 6.5    | 5.8 | 5.3 | 6.4    | 5.7 | 5.2 | 5.4    | 5.3 | 5   | 4.3    | 4.6 | 4.6 | 98                                                                                       |
| 104                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 6.3    | 5.7 | 5.3 | 5.5    | 5.6 | 5.2 | 5.2    | 5.1 | 5   | 4.3    | 4.6 | 4.6 | 104                                                                                      |
| 110                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 5.7    | 5.6 | 5.2 | 5.1    | 5.5 | 5.1 | 4.8    | 4.9 | 4.8 | 4.2    | 4.5 | 4.5 | 110                                                                                      |
| 116                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 5      | 5.5 | 5.2 | 4.9    | 5.1 | 5.1 | 4.1    | 4.8 | 4.7 | 3.8    | 4.4 | 4.3 | 116                                                                                      |
| 122                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 4.6    | 5.1 | 5.1 | 4.3    | 4.7 | 5.1 | 3.5    | 4.5 | 4.6 | 3.2    | 4.2 | 4.2 | 122                                                                                      |
| 128                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 4.3    | 4.6 | 5   | 3.7    | 4.4 | 4.7 | 2.9    | 3.9 | 4.4 | 2.6    | 3.7 | 4.1 | 128                                                                                      |
| 134                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 3.8    | 4.2 | 4.6 | 3.2    | 4.1 | 4.3 |        | 3.3 | 4.1 |        | 3.1 | 3.8 | 134                                                                                      |
| 140                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 3.3    | 3.9 | 4.1 | 2.7    | 3.5 | 4   |        | 2.7 | 3.4 |        | 2.5 | 3.3 | 140                                                                                      |
| 146                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 2.9    | 3.5 | 3.8 |        | 3   | 3.5 |        |     | 2.9 |        |     | 2.7 | 146                                                                                      |
| 152                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 2.4    | 3   | 3.5 |        | 2.5 | 3   |        |     |     |        |     |     | 152                                                                                      |
| 158                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |        | 2.6 | 2.9 |        |     | 2.5 |        |     |     |        |     |     | 158                                                                                      |
| 164                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |        | 2.1 | 2.5 |        |     | 2   |        |     |     |        |     |     | 164                                                                                      |
| 170                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |        |     | 2   |        |     |     |        |     |     |        |     |     | 170                                                                                      |

TAB 1580325 / 1580335 / 1580345



**Lifting heights**  
**Hauteurs de levage**





**Lifting capacities on the hydraulically or mechanically variable folding jib with boom extension**  
**Forces de levage à la fléchette pliante à variation hydraulique ou mécanique avec télescope rallongé**

41 – 190 ft

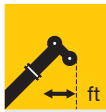
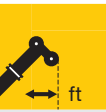
23 ft

34 ft

360°

50700 lbs

85%

|  | 41 ft + 23 ft |     |     | 151 ft + 23 ft |     |     | 165 ft + 23 ft |     |     | 178 ft + 23 ft |     |     | 190 ft + 23 ft |     |     |  |
|----------------------------------------------------------------------------------|---------------|-----|-----|----------------|-----|-----|----------------|-----|-----|----------------|-----|-----|----------------|-----|-----|-------------------------------------------------------------------------------------|
|                                                                                  | 34 ft         |     |     | 34 ft          |     |     | 34 ft          |     |     | 34 ft          |     |     | 34 ft          |     |     |                                                                                     |
|                                                                                  | 0°            | 20° | 40° | 0°             | 20° | 40° | 0°             | 20° | 40° | 0°             | 20° | 40° | 0°             | 20° | 40° |                                                                                     |
| 10                                                                               | 7.8           |     |     |                |     |     |                |     |     |                |     |     |                |     |     | 10                                                                                  |
| 12                                                                               | 7.8           |     |     |                |     |     |                |     |     |                |     |     |                |     |     | 12                                                                                  |
| 14                                                                               | 7.8           |     |     |                |     |     |                |     |     |                |     |     |                |     |     | 14                                                                                  |
| 16                                                                               | 7.8           |     |     |                |     |     |                |     |     |                |     |     |                |     |     | 16                                                                                  |
| 18                                                                               | 7.8           | 7.8 |     |                |     |     |                |     |     |                |     |     |                |     |     | 18                                                                                  |
| 20                                                                               | 7.7           | 7.8 |     |                |     |     |                |     |     |                |     |     |                |     |     | 20                                                                                  |
| 23                                                                               | 7.6           | 7.8 |     |                |     |     |                |     |     |                |     |     |                |     |     | 23                                                                                  |
| 26                                                                               | 7.3           | 7.6 |     |                |     |     |                |     |     |                |     |     |                |     |     | 26                                                                                  |
| 29                                                                               | 6.9           | 7.3 | 7   |                |     |     |                |     |     |                |     |     |                |     |     | 29                                                                                  |
| 32                                                                               | 6.6           | 6.9 | 7   |                |     |     |                |     |     |                |     |     |                |     |     | 32                                                                                  |
| 35                                                                               | 6.2           | 6.5 | 6.9 |                |     |     |                |     |     |                |     |     |                |     |     | 35                                                                                  |
| 38                                                                               | 5.8           | 6.2 | 6.5 | 7.8            |     |     |                |     |     |                |     |     |                |     |     | 38                                                                                  |
| 44                                                                               | 5.2           | 5.6 | 5.9 | 7.8            |     |     | 7              |     |     | 6.3            |     |     |                |     |     | 44                                                                                  |
| 50                                                                               | 4.6           | 5   | 5.3 | 7.8            | 7.7 |     | 7              | 7   |     | 6.3            |     |     | 5.3            |     |     | 50                                                                                  |
| 56                                                                               | 4.1           | 4.4 | 4.7 | 7.7            | 7.5 | 7   | 7              | 7   |     | 6.3            | 6.3 |     | 5.3            |     |     | 56                                                                                  |
| 62                                                                               | 3.6           | 3.9 | 4.2 | 7.4            | 7.1 | 6.9 | 7              | 6.8 | 6.6 | 6.3            | 6.3 | 6.3 | 5.3            | 5.3 |     | 62                                                                                  |
| 68                                                                               | 3.1           | 3.5 | 3.7 | 7              | 6.8 | 6.7 | 6.8            | 6.6 | 6.5 | 6.3            | 6.3 | 6.2 | 5.3            | 5.3 | 5.3 | 68                                                                                  |
| 74                                                                               | 2.7           | 3   | 3.2 | 6.7            | 6.5 | 6.4 | 6.5            | 6.3 | 6.2 | 6.2            | 6.1 | 6   | 5.2            | 5.3 | 5.3 | 74                                                                                  |
| 80                                                                               | 2.3           | 2.5 | 2.7 | 6.3            | 6.1 | 6.1 | 6.3            | 6.1 | 6   | 6              | 5.9 | 5.8 | 5.1            | 5.2 | 5.2 | 80                                                                                  |
| 86                                                                               |               |     |     | 6              | 5.8 | 5.8 | 6              | 5.8 | 5.7 | 5.8            | 5.6 | 5.6 | 5              | 5.1 | 5   | 86                                                                                  |
| 92                                                                               |               |     |     | 5.7            | 5.6 | 5.5 | 5.7            | 5.5 | 5.5 | 5.6            | 5.4 | 5.4 | 4.9            | 4.9 | 4.8 | 92                                                                                  |
| 98                                                                               |               |     |     | 5.4            | 5.3 | 5.3 | 5.4            | 5.3 | 5.3 | 5.3            | 5.2 | 5.2 | 4.7            | 4.7 | 4.7 | 98                                                                                  |
| 104                                                                              |               |     |     | 5.1            | 5.1 | 5   | 5.1            | 5.1 | 5   | 5              | 5   | 5   | 4.6            | 4.5 | 4.5 | 104                                                                                 |
| 110                                                                              |               |     |     | 4.8            | 4.8 | 4.8 | 4.9            | 4.8 | 4.8 | 4.8            | 4.8 | 4.8 | 4.4            | 4.3 | 4.3 | 110                                                                                 |
| 116                                                                              |               |     |     | 4.5            | 4.5 | 4.6 | 4.6            | 4.6 | 4.6 | 4.6            | 4.6 | 4.6 | 4.2            | 4.1 | 4.2 | 116                                                                                 |
| 122                                                                              |               |     |     | 4.3            | 4.3 | 4.4 | 4.4            | 4.4 | 4.4 | 4.4            | 4.4 | 4.4 | 4              | 4   | 4   | 122                                                                                 |
| 128                                                                              |               |     |     | 4              | 4.1 | 4.1 | 4.2            | 4.2 | 4.2 | 4.2            | 4.2 | 4.2 | 3.8            | 3.8 | 3.8 | 128                                                                                 |
| 134                                                                              |               |     |     | 3.8            | 3.8 | 3.9 | 4              | 4   | 4   | 4              | 4   | 4   | 3.6            | 3.6 | 3.7 | 134                                                                                 |
| 140                                                                              |               |     |     | 3.6            | 3.6 | 3.7 | 3.8            | 3.8 | 3.8 | 3.8            | 3.8 | 3.8 | 3.4            | 3.5 | 3.5 | 140                                                                                 |
| 146                                                                              |               |     |     | 3.4            | 3.4 | 3.5 | 3.6            | 3.6 | 3.6 | 3.6            | 3.6 | 3.7 | 3.2            | 3.3 | 3.3 | 146                                                                                 |
| 152                                                                              |               |     |     | 3.1            | 3.2 | 3.3 | 3.4            | 3.4 | 3.5 | 3.2            | 3.4 | 3.5 | 2.9            | 3.1 | 3.2 | 152                                                                                 |
| 158                                                                              |               |     |     | 2.9            | 3   | 3.1 | 3.2            | 3.2 | 3.3 | 2.7            | 3.1 | 3.3 | 2.4            | 2.9 | 3   | 158                                                                                 |
| 164                                                                              |               |     |     | 2.7            | 2.8 | 2.9 | 3              | 3.1 | 3.1 | 2.2            | 2.6 | 2.8 | 2              | 2.4 | 2.6 | 164                                                                                 |
| 170                                                                              |               |     |     | 2.5            | 2.6 | 2.7 | 2.6            | 2.9 | 2.9 |                | 2.1 | 2.3 |                | 1.9 | 2.2 | 170                                                                                 |
| 176                                                                              |               |     |     | 2.4            | 2.4 | 2.5 | 2.2            | 2.5 | 2.6 |                |     | 1.9 |                |     |     | 176                                                                                 |
| 182                                                                              |               |     |     | 2.2            | 2.3 |     | 1.8            | 2   | 2.1 |                |     |     |                |     |     | 182                                                                                 |
| 188                                                                              |               |     |     | 1.9            | 2   |     |                |     |     |                |     |     |                |     |     | 188                                                                                 |
| 194                                                                              |               |     |     | 1.6            | 1.6 |     |                |     |     |                |     |     |                |     |     | 194                                                                                 |

TAB 1580351 / 1580361 / 1580371



**Lifting capacities on the hydraulically or mechanically variable folding jib with boom extension**  
**Forces de levage à la fléchette pliante à variation hydraulique ou mécanique avec télescope rallongé**

| <div><div><div>41 – 188 ft</div><div>23 ft</div><div>62 ft</div><div></div><div>360°</div><div>50700 lbs</div><div>85%</div></div></div> |               |     |     |                |     |     |                |     |     |                |     |     |                |     |     |                                                                                        |
|------------------------------------------------------------------------------------------------------------------------------------------|---------------|-----|-----|----------------|-----|-----|----------------|-----|-----|----------------|-----|-----|----------------|-----|-----|----------------------------------------------------------------------------------------|
|  ft                                                      | 41 ft + 23 ft |     |     | 151 ft + 23 ft |     |     | 165 ft + 23 ft |     |     | 178 ft + 23 ft |     |     | 188 ft + 23 ft |     |     |  ft |
|                                                                                                                                          | 62 ft         |     |     | 62 ft          |     |     | 62 ft          |     |     | 62 ft          |     |     | 62 ft          |     |     |                                                                                        |
|                                                                                                                                          | 0°            | 20° | 40° | 0°             | 20° | 40° | 0°             | 20° | 40° | 0°             | 20° | 40° | 0°             | 20° | 40° |                                                                                        |
| 14                                                                                                                                       | 5.1           |     |     |                |     |     |                |     |     |                |     |     |                |     |     | 14                                                                                     |
| 16                                                                                                                                       | 5.1           |     |     |                |     |     |                |     |     |                |     |     |                |     |     | 16                                                                                     |
| 18                                                                                                                                       | 5.1           |     |     |                |     |     |                |     |     |                |     |     |                |     |     | 18                                                                                     |
| 20                                                                                                                                       | 5.1           |     |     |                |     |     |                |     |     |                |     |     |                |     |     | 20                                                                                     |
| 23                                                                                                                                       | 5.1           |     |     |                |     |     |                |     |     |                |     |     |                |     |     | 23                                                                                     |
| 26                                                                                                                                       | 5.1           |     |     |                |     |     |                |     |     |                |     |     |                |     |     | 26                                                                                     |
| 29                                                                                                                                       | 5.1           |     |     |                |     |     |                |     |     |                |     |     |                |     |     | 29                                                                                     |
| 32                                                                                                                                       | 5             |     |     |                |     |     |                |     |     |                |     |     |                |     |     | 32                                                                                     |
| 35                                                                                                                                       | 4.9           | 4.6 |     |                |     |     |                |     |     |                |     |     |                |     |     | 35                                                                                     |
| 38                                                                                                                                       | 4.8           | 4.6 |     |                |     |     |                |     |     |                |     |     |                |     |     | 38                                                                                     |
| 44                                                                                                                                       | 4.6           | 4.6 |     | 5.1            |     |     |                |     |     |                |     |     |                |     |     | 44                                                                                     |
| 50                                                                                                                                       | 4.2           | 4.4 | 4.1 | 5.1            |     |     | 4.4            |     |     | 3.9            |     |     |                |     |     | 50                                                                                     |
| 56                                                                                                                                       | 3.8           | 4.2 | 4.1 | 5.1            |     |     | 4.4            |     |     | 3.9            |     |     | 2.9            |     |     | 56                                                                                     |
| 62                                                                                                                                       | 3.5           | 3.9 | 4   | 5.1            | 4.6 |     | 4.4            |     |     | 3.9            |     |     | 2.9            |     |     | 62                                                                                     |
| 68                                                                                                                                       | 3.3           | 3.5 | 3.8 | 5.1            | 4.6 |     | 4.4            | 4.4 |     | 3.9            |     |     | 2.9            |     |     | 68                                                                                     |
| 74                                                                                                                                       | 3.1           | 3.2 | 3.5 | 5              | 4.6 |     | 4.4            | 4.4 |     | 3.9            | 3.9 |     | 2.9            | 2.9 |     | 74                                                                                     |
| 80                                                                                                                                       | 2.9           | 2.9 | 3.2 | 4.8            | 4.6 | 4.1 | 4.4            | 4.4 | 4.1 | 3.9            | 3.9 |     | 2.9            | 2.9 |     | 80                                                                                     |
| 86                                                                                                                                       | 2.6           | 2.7 | 2.9 | 4.7            | 4.4 | 4.1 | 4.4            | 4.3 | 4.1 | 3.9            | 3.9 | 3.6 | 2.9            | 2.9 |     | 86                                                                                     |
| 92                                                                                                                                       | 2.4           | 2.4 | 2.6 | 4.5            | 4.3 | 4.1 | 4.4            | 4.1 | 4.1 | 3.9            | 3.9 | 3.6 | 2.9            | 2.9 |     | 92                                                                                     |
| 98                                                                                                                                       | 2.2           | 2.1 | 2.3 | 4.3            | 4.1 | 4.1 | 4.2            | 4   | 4   | 3.9            | 3.9 | 3.6 | 2.9            | 2.9 | 2.9 | 98                                                                                     |
| 104                                                                                                                                      | 2             | 1.8 | 1.9 | 4.1            | 4   | 3.9 | 4.1            | 3.9 | 3.9 | 3.8            | 3.8 | 3.6 | 2.8            | 2.9 | 2.9 | 104                                                                                    |
| 110                                                                                                                                      | 1.8           | 1.7 | 1.7 | 3.9            | 3.8 | 3.8 | 3.9            | 3.8 | 3.7 | 3.7            | 3.6 | 3.6 | 2.7            | 2.9 | 2.9 | 110                                                                                    |
| 116                                                                                                                                      | 1.5           |     |     | 3.7            | 3.7 | 3.7 | 3.7            | 3.6 | 3.6 | 3.6            | 3.6 | 3.5 | 2.7            | 2.9 | 2.9 | 116                                                                                    |
| 122                                                                                                                                      |               |     |     | 3.5            | 3.5 | 3.5 | 3.6            | 3.5 | 3.5 | 3.5            | 3.4 | 3.4 | 2.7            | 2.9 | 2.9 | 122                                                                                    |
| 128                                                                                                                                      |               |     |     | 3.3            | 3.3 | 3.3 | 3.4            | 3.4 | 3.4 | 3.4            | 3.3 | 3.3 | 2.7            | 2.8 | 2.9 | 128                                                                                    |
| 134                                                                                                                                      |               |     |     | 3.2            | 3.2 | 3.2 | 3.3            | 3.2 | 3.2 | 3.2            | 3.2 | 3.2 | 2.6            | 2.8 | 2.9 | 134                                                                                    |
| 140                                                                                                                                      |               |     |     | 3              | 3   | 3.1 | 3.1            | 3.1 | 3.1 | 3.1            | 3.1 | 3.1 | 2.6            | 2.7 | 2.8 | 140                                                                                    |
| 146                                                                                                                                      |               |     |     | 2.8            | 2.9 | 2.9 | 2.9            | 2.9 | 3   | 2.9            | 2.9 | 3   | 2.5            | 2.6 | 2.7 | 146                                                                                    |
| 152                                                                                                                                      |               |     |     | 2.7            | 2.7 | 2.8 | 2.8            | 2.8 | 2.8 | 2.8            | 2.8 | 2.8 | 2.4            | 2.5 | 2.6 | 152                                                                                    |
| 158                                                                                                                                      |               |     |     | 2.5            | 2.6 | 2.7 | 2.6            | 2.7 | 2.7 | 2.7            | 2.7 | 2.7 | 2.3            | 2.4 | 2.5 | 158                                                                                    |
| 164                                                                                                                                      |               |     |     | 2.4            | 2.5 | 2.5 | 2.5            | 2.5 | 2.6 | 2.5            | 2.6 | 2.6 | 2.2            | 2.3 | 2.4 | 164                                                                                    |
| 170                                                                                                                                      |               |     |     | 2.2            | 2.3 | 2.4 | 2.4            | 2.4 | 2.5 | 2.1            | 2.5 | 2.5 | 1.9            | 2.2 | 2.3 | 170                                                                                    |
| 176                                                                                                                                      |               |     |     | 2.1            | 2.2 | 2.3 | 2.2            | 2.3 | 2.4 |                | 2.3 | 2.4 |                | 2.1 | 2.2 | 176                                                                                    |
| 182                                                                                                                                      |               |     |     | 1.9            | 2   | 2.1 | 2.1            | 2.2 | 2.3 |                | 1.9 | 2.3 |                | 1.8 | 2.1 | 182                                                                                    |
| 188                                                                                                                                      |               |     |     | 1.8            | 1.9 | 2   | 1.8            | 2.1 | 2.1 |                |     | 1.9 |                |     | 1.8 | 188                                                                                    |
| 194                                                                                                                                      |               |     |     | 1.6            | 1.8 | 1.8 |                | 1.9 | 2   |                |     |     |                |     |     | 194                                                                                    |
| 200                                                                                                                                      |               |     |     |                | 1.6 | 1.6 |                |     |     |                |     |     |                |     |     | 200                                                                                    |

TAB 1580351 / 1580361 / 1580371

TAB 1580351 / 1580361 / 1580371



**Lifting capacities on the hydraulically or mechanically variable folding jib with boom extension**  
**Forces de levage à la fléchette pliante à variation hydraulique ou mécanique avec télescope rallongé**

41 – 190 ft

23 ft

34 ft

360°

30000 lbs

85%

| <div>ft</div> | 41 ft + 23 ft |     |     | 151 ft + 23 ft |     |     | 165 ft + 23 ft |     |     | 178 ft + 23 ft |     |     | 190 ft + 23 ft |     |     | <div>ft</div> |
|---------------|---------------|-----|-----|----------------|-----|-----|----------------|-----|-----|----------------|-----|-----|----------------|-----|-----|---------------|
|               | 34 ft         |     |     | 34 ft          |     |     | 34 ft          |     |     | 34 ft          |     |     | 34 ft          |     |     |               |
|               | 0°            | 20° | 40° | 0°             | 20° | 40° | 0°             | 20° | 40° | 0°             | 20° | 40° | 0°             | 20° | 40° |               |
| 10            | 7.8           |     |     |                |     |     |                |     |     |                |     |     |                |     |     | 10            |
| 12            | 7.8           |     |     |                |     |     |                |     |     |                |     |     |                |     |     | 12            |
| 14            | 7.8           |     |     |                |     |     |                |     |     |                |     |     |                |     |     | 14            |
| 16            | 7.8           |     |     |                |     |     |                |     |     |                |     |     |                |     |     | 16            |
| 18            | 7.8           | 7.8 |     |                |     |     |                |     |     |                |     |     |                |     |     | 18            |
| 20            | 7.7           | 7.8 |     |                |     |     |                |     |     |                |     |     |                |     |     | 20            |
| 23            | 7.6           | 7.8 |     |                |     |     |                |     |     |                |     |     |                |     |     | 23            |
| 26            | 7.3           | 7.6 |     |                |     |     |                |     |     |                |     |     |                |     |     | 26            |
| 29            | 6.9           | 7.3 | 7   |                |     |     |                |     |     |                |     |     |                |     |     | 29            |
| 32            | 6.6           | 6.9 | 7   |                |     |     |                |     |     |                |     |     |                |     |     | 32            |
| 35            | 6.2           | 6.5 | 6.9 |                |     |     |                |     |     |                |     |     |                |     |     | 35            |
| 38            | 5.8           | 6.2 | 6.5 | 7.8            |     |     |                |     |     |                |     |     |                |     |     | 38            |
| 44            | 5.2           | 5.6 | 5.9 | 7.8            |     |     | 7              |     |     | 6.3            |     |     |                |     |     | 44            |
| 50            | 4.6           | 5   | 5.3 | 7.8            | 7.7 |     | 7              | 7   |     | 6.3            |     |     | 5.3            |     |     | 50            |
| 56            | 4.1           | 4.4 | 4.7 | 7.7            | 7.5 | 7   | 7              | 7   |     | 6.3            | 6.3 |     | 5.3            |     |     | 56            |
| 62            | 3.6           | 3.9 | 4.2 | 7.4            | 7.1 | 6.9 | 7              | 6.8 | 6.6 | 6.3            | 6.3 | 6.3 | 5.3            | 5.3 |     | 62            |
| 68            | 3.1           | 3.5 | 3.7 | 7              | 6.8 | 6.7 | 6.8            | 6.6 | 6.5 | 6.3            | 6.3 | 6.2 | 5.3            | 5.3 | 5.3 | 68            |
| 74            | 2.7           | 3   | 3.2 | 6.7            | 6.5 | 6.4 | 6.5            | 6.3 | 6.2 | 6.2            | 6.1 | 6   | 5.2            | 5.3 | 5.3 | 74            |
| 80            | 2.3           | 2.5 | 2.7 | 6.3            | 6.1 | 6.1 | 6.3            | 6.1 | 6   | 6              | 5.9 | 5.8 | 5.1            | 5.2 | 5.2 | 80            |
| 86            |               |     |     | 6              | 5.8 | 5.8 | 6              | 5.8 | 5.7 | 5.8            | 5.6 | 5.6 | 5              | 5.1 | 5   | 86            |
| 92            |               |     |     | 5.7            | 5.6 | 5.5 | 5.7            | 5.5 | 5.5 | 5.6            | 5.4 | 5.4 | 4.9            | 4.9 | 4.8 | 92            |
| 98            |               |     |     | 5.4            | 5.3 | 5.3 | 5.4            | 5.3 | 5.3 | 5.3            | 5.2 | 5.2 | 4.7            | 4.7 | 4.7 | 98            |
| 104           |               |     |     | 5.1            | 5.1 | 5   | 5.1            | 5.1 | 5   | 5              | 5   | 5   | 4.6            | 4.5 | 4.5 | 104           |
| 110           |               |     |     | 4.8            | 4.8 | 4.8 | 4.9            | 4.8 | 4.8 | 4.2            | 4.8 | 4.8 | 4              | 4.3 | 4.3 | 110           |
| 116           |               |     |     | 4.5            | 4.5 | 4.6 | 4.4            | 4.6 | 4.6 | 3.5            | 4.2 | 4.5 | 3.3            | 3.9 | 4.2 | 116           |
| 122           |               |     |     | 4.2            | 4.3 | 4.4 | 3.7            | 4.2 | 4.4 | 2.8            | 3.5 | 3.9 |                | 3.3 | 3.7 | 122           |
| 128           |               |     |     | 3.8            | 4   | 4.1 | 3.1            | 3.6 | 4   |                | 2.8 | 3.3 |                |     | 3.1 | 128           |
| 134           |               |     |     | 3.2            | 3.7 | 3.8 |                | 3.1 | 3.4 |                |     | 2.6 |                |     |     | 134           |
| 140           |               |     |     | 2.7            | 3.1 | 3.4 |                | 2.5 | 2.8 |                |     |     |                |     |     | 140           |
| 146           |               |     |     |                | 2.6 | 2.8 |                |     |     |                |     |     |                |     |     | 146           |

TAB 1580355 / 1580365 / 1580375



Lifting capacities on the hydraulically or mechanically variable folding jib with boom extension

Forces de levage à la fléchette pliante à variation hydraulique ou mécanique avec télescope rallongé

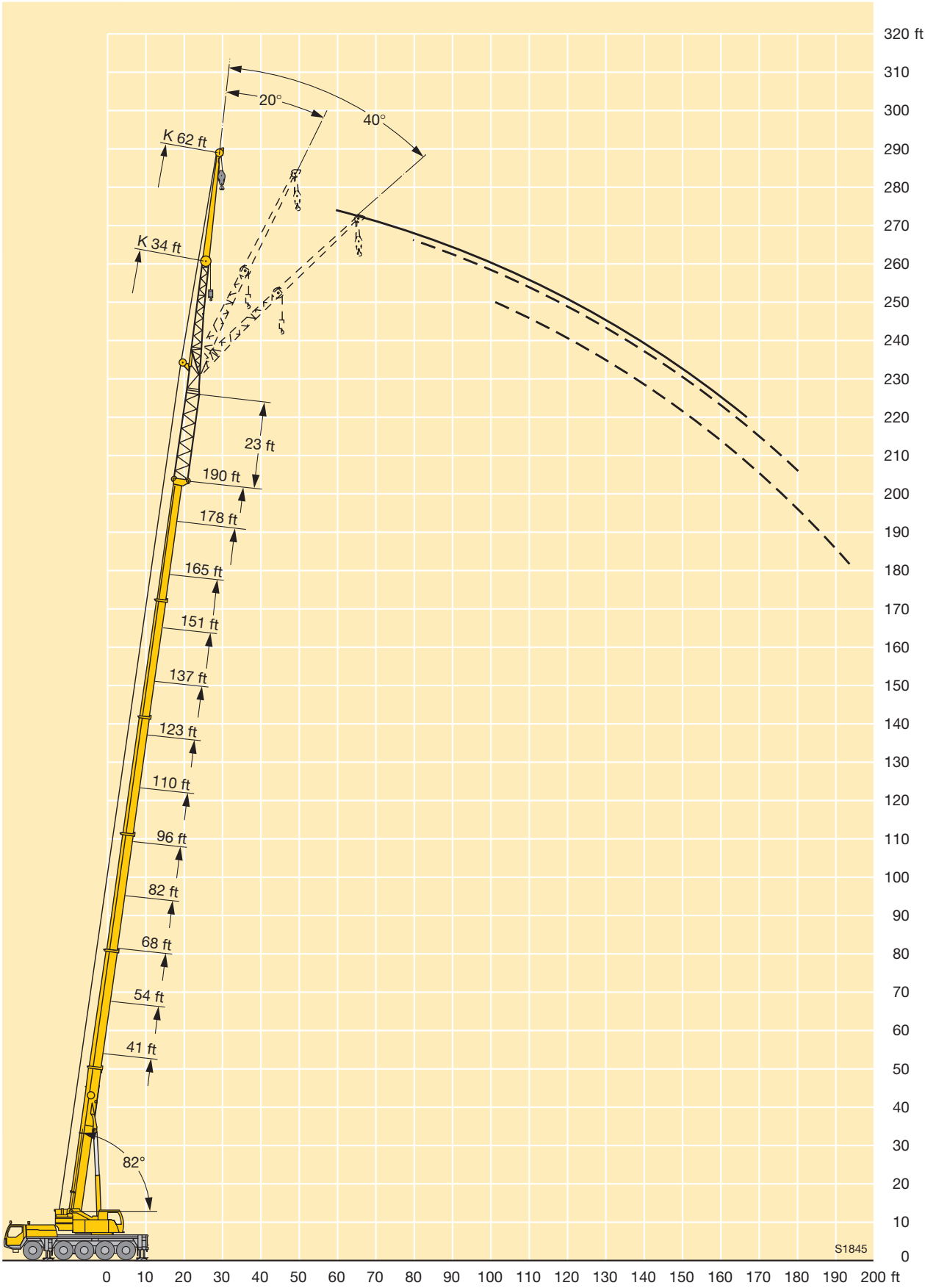
| <div><div><div>41 – 188 ft</div><div>23 ft</div><div>62 ft</div><div></div><div>360°</div><div>30000 lbs</div><div>85%</div></div></div> |               |     |     |                |     |     |                |     |     |                |     |     |                |     |     |                                                                                        |
|------------------------------------------------------------------------------------------------------------------------------------------|---------------|-----|-----|----------------|-----|-----|----------------|-----|-----|----------------|-----|-----|----------------|-----|-----|----------------------------------------------------------------------------------------|
|  ft                                                      | 41 ft + 23 ft |     |     | 151 ft + 23 ft |     |     | 165 ft + 23 ft |     |     | 178 ft + 23 ft |     |     | 188 ft + 23 ft |     |     |  ft |
|                                                                                                                                          | 62 ft         |     |     | 62 ft          |     |     | 62 ft          |     |     | 62 ft          |     |     | 62 ft          |     |     |                                                                                        |
|                                                                                                                                          | 0°            | 20° | 40° | 0°             | 20° | 40° | 0°             | 20° | 40° | 0°             | 20° | 40° | 0°             | 20° | 40° |                                                                                        |
| 14                                                                                                                                       | 5.1           |     |     |                |     |     |                |     |     |                |     |     |                |     |     | 14                                                                                     |
| 16                                                                                                                                       | 5.1           |     |     |                |     |     |                |     |     |                |     |     |                |     |     | 16                                                                                     |
| 18                                                                                                                                       | 5.1           |     |     |                |     |     |                |     |     |                |     |     |                |     |     | 18                                                                                     |
| 20                                                                                                                                       | 5.1           |     |     |                |     |     |                |     |     |                |     |     |                |     |     | 20                                                                                     |
| 23                                                                                                                                       | 5.1           |     |     |                |     |     |                |     |     |                |     |     |                |     |     | 23                                                                                     |
| 26                                                                                                                                       | 5.1           |     |     |                |     |     |                |     |     |                |     |     |                |     |     | 26                                                                                     |
| 29                                                                                                                                       | 5.1           |     |     |                |     |     |                |     |     |                |     |     |                |     |     | 29                                                                                     |
| 32                                                                                                                                       | 5             |     |     |                |     |     |                |     |     |                |     |     |                |     |     | 32                                                                                     |
| 35                                                                                                                                       | 4.9           | 4.6 |     |                |     |     |                |     |     |                |     |     |                |     |     | 35                                                                                     |
| 38                                                                                                                                       | 4.8           | 4.6 |     |                |     |     |                |     |     |                |     |     |                |     |     | 38                                                                                     |
| 44                                                                                                                                       | 4.6           | 4.6 |     | 5.1            |     |     |                |     |     |                |     |     |                |     |     | 44                                                                                     |
| 50                                                                                                                                       | 4.2           | 4.4 | 4.1 | 5.1            |     |     | 4.4            |     |     | 3.9            |     |     |                |     |     | 50                                                                                     |
| 56                                                                                                                                       | 3.8           | 4.2 | 4.1 | 5.1            |     |     | 4.4            |     |     | 3.9            |     |     | 2.9            |     |     | 56                                                                                     |
| 62                                                                                                                                       | 3.5           | 3.9 | 4   | 5.1            | 4.6 |     | 4.4            |     |     | 3.9            |     |     | 2.9            |     |     | 62                                                                                     |
| 68                                                                                                                                       | 3.3           | 3.5 | 3.8 | 5.1            | 4.6 |     | 4.4            | 4.4 |     | 3.9            |     |     | 2.9            |     |     | 68                                                                                     |
| 74                                                                                                                                       | 3.1           | 3.2 | 3.5 | 5              | 4.6 |     | 4.4            | 4.4 |     | 3.9            | 3.9 |     | 2.9            | 2.9 |     | 74                                                                                     |
| 80                                                                                                                                       | 2.9           | 2.9 | 3.2 | 4.8            | 4.6 | 4.1 | 4.4            | 4.4 | 4.1 | 3.9            | 3.9 |     | 2.9            | 2.9 |     | 80                                                                                     |
| 86                                                                                                                                       | 2.6           | 2.7 | 2.9 | 4.7            | 4.4 | 4.1 | 4.4            | 4.3 | 4.1 | 3.9            | 3.9 | 3.6 | 2.9            | 2.9 |     | 86                                                                                     |
| 92                                                                                                                                       | 2.4           | 2.4 | 2.6 | 4.5            | 4.3 | 4.1 | 4.4            | 4.1 | 4.1 | 3.9            | 3.9 | 3.6 | 2.9            | 2.9 |     | 92                                                                                     |
| 98                                                                                                                                       | 2.2           | 2.1 | 2.3 | 4.3            | 4.1 | 4.1 | 4.2            | 4   | 4   | 3.9            | 3.9 | 3.6 | 2.9            | 2.9 | 2.9 | 98                                                                                     |
| 104                                                                                                                                      | 2             | 1.8 | 1.9 | 4.1            | 4   | 3.9 | 4.1            | 3.9 | 3.9 | 3.8            | 3.8 | 3.6 | 2.8            | 2.9 | 2.9 | 104                                                                                    |
| 110                                                                                                                                      | 1.8           | 1.7 | 1.7 | 3.9            | 3.8 | 3.8 | 3.9            | 3.8 | 3.7 | 3.7            | 3.6 | 3.6 | 2.7            | 2.9 | 2.9 | 110                                                                                    |
| 116                                                                                                                                      | 1.5           |     |     | 3.7            | 3.7 | 3.7 | 3.7            | 3.6 | 3.6 | 3.6            | 3.6 | 3.5 | 2.7            | 2.9 | 2.9 | 116                                                                                    |
| 122                                                                                                                                      |               |     |     | 3.5            | 3.5 | 3.5 | 3.6            | 3.5 | 3.5 | 3.1            | 3.4 | 3.4 | 2.7            | 2.9 | 2.9 | 122                                                                                    |
| 128                                                                                                                                      |               |     |     | 3.3            | 3.3 | 3.3 | 3.3            | 3.4 | 3.4 |                | 3.3 | 3.3 |                | 2.8 | 2.9 | 128                                                                                    |
| 134                                                                                                                                      |               |     |     | 3.2            | 3.2 | 3.2 | 2.8            | 3.2 | 3.2 |                | 3   | 3.2 |                | 2.7 | 2.9 | 134                                                                                    |
| 140                                                                                                                                      |               |     |     | 2.9            | 3   | 3.1 |                | 3   | 3.1 |                | 2.5 | 3   |                |     | 2.8 | 140                                                                                    |
| 146                                                                                                                                      |               |     |     | 2.5            | 2.9 | 2.9 |                | 2.7 | 3   |                |     | 2.7 |                |     | 2.6 | 146                                                                                    |
| 152                                                                                                                                      |               |     |     |                | 2.7 | 2.8 |                |     | 2.8 |                |     |     |                |     |     | 152                                                                                    |
| 158                                                                                                                                      |               |     |     |                | 2.3 | 2.7 |                |     |     |                |     |     |                |     |     | 158                                                                                    |
| 164                                                                                                                                      |               |     |     |                | 1.9 | 2.3 |                |     |     |                |     |     |                |     |     | 164                                                                                    |
| 170                                                                                                                                      |               |     |     |                |     | 1.9 |                |     |     |                |     |     |                |     |     | 170                                                                                    |

TAB 1580355 / 1580365 / 1580375

TAB 1580355 / 1580365 / 1580375

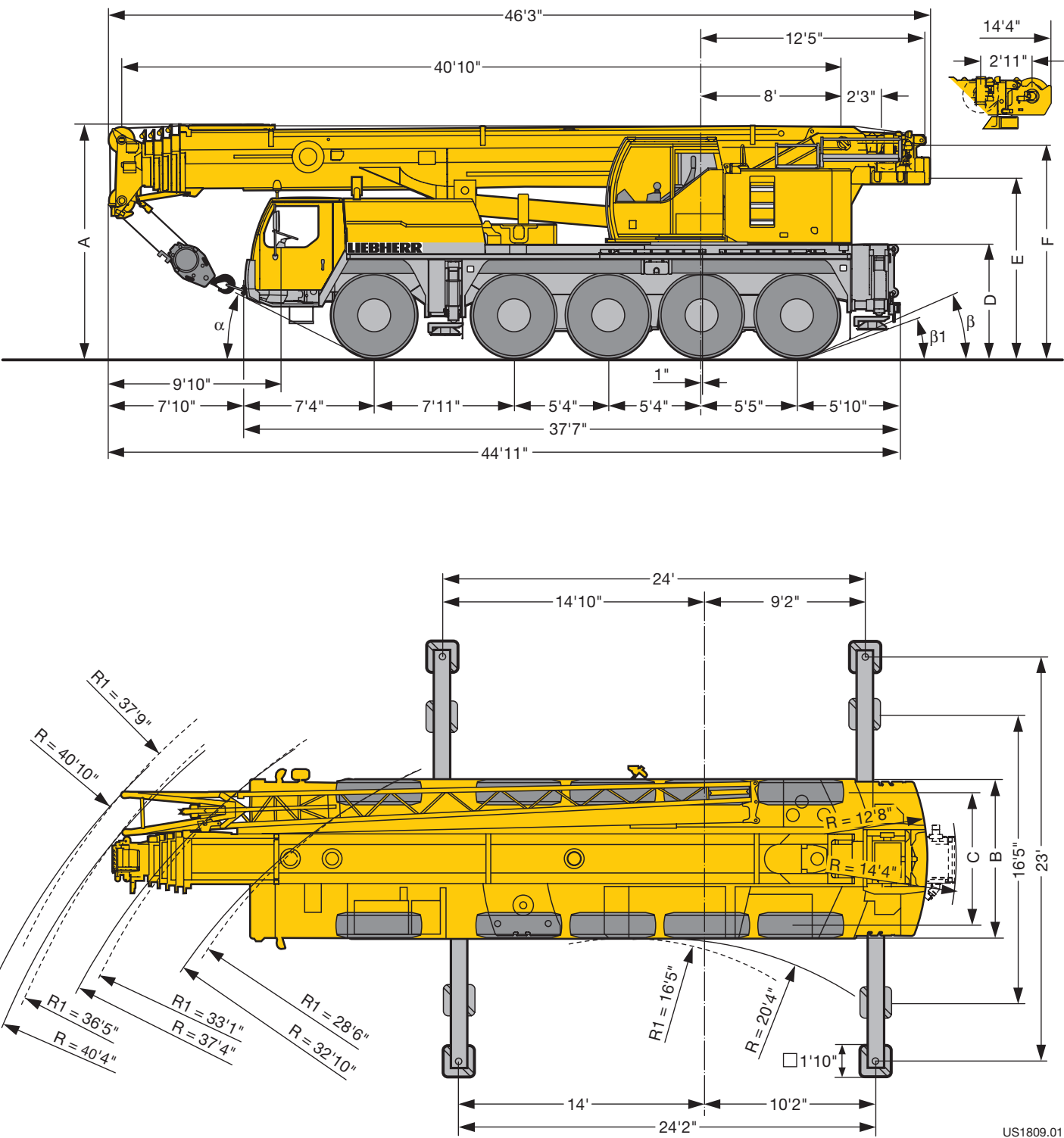


**Lifting heights**  
**Hauteurs de levage**





Dimensions  
Encombrement



US1809.01

R<sub>1</sub> = All-wheel steering · Direction toutes roues

| Dimensions · Encombrement                                                           |       |             |      |      |      |       |       |          |         |           |
|-------------------------------------------------------------------------------------|-------|-------------|------|------|------|-------|-------|----------|---------|-----------|
|  | A     | A<br>0'6" * | B    | C    | D    | E     | F     | $\alpha$ | $\beta$ | $\beta_1$ |
| 16.00 R 25                                                                          | 13'1" | 12'10"      | 9'   | 7'7" | 6'4" | 10'1" | 12'3" | 20°      | 20°     | 17°       |
| 20.5 R 25                                                                           | 13'1" | 12'10"      | 9'9" | 8'   | 6'4" | 10'1" | 12'3" | 20°      | 20°     | 17°       |

\* lowered · abaissé





Weights  
Poids



| Axle<br>Essieu | 1     | 2     | 3     | 4     | 5     | Total weight (lbs)<br>Poids total lbs |
|----------------|-------|-------|-------|-------|-------|---------------------------------------|
| lbs            | 26400 | 26400 | 26400 | 26400 | 26400 | 132000 <sup>1)</sup>                  |

<sup>1)</sup> with 33100 lbs counterweight and folding jib · avec contrepoids 33100 lbs et fléchette pliante



| Load (kips)<br>Forces de levage kips | No. of sheaves<br>Poulies | No. of lines<br>Brins | Weight lbs<br>Poids lbs |
|--------------------------------------|---------------------------|-----------------------|-------------------------|
| 176.4                                | 7                         | 14                    | 1102                    |
| 128.7                                | 5                         | 11                    | 1102                    |
| 84.4                                 | 3                         | 7                     | 992                     |
| 35.3                                 | 1                         | 3                     | 661                     |
| 12.6                                 | –                         | 1                     | 308                     |

Working speeds  
Vitesses



|                         |  | 1          | 2   | 3   | 4   | 5   | 6    | 7    | 8    | 9    | 10   | 11   | 12   | R 1        | R 2 |      |
|-------------------------|--|------------|-----|-----|-----|-----|------|------|------|------|------|------|------|------------|-----|------|
| 16.00 R 25<br>20.5 R 25 |  | 1.2 – 3.5  | 4.5 | 5.8 | 7.5 | 9.5 | 12.2 | 16.1 | 20.6 | 26.6 | 34.2 | 43.4 | 50   | 1.3 – 3.8  | 4.9 | 43 % |
|                         |  | 0.53 – 1.6 | 2   | 2.6 | 3.3 | 4.2 | 5.3  | 7    | 9    | 11.6 | 14.9 | 18.9 | 24.2 | 0.57 – 1.7 | 2.1 | 55 % |



| Drive<br>Mécanismes | infinitely variable<br>en continu                                                                      | Rope diameter / Rope length<br>Diamètre du câble / Longueur du câble | Max. single line pull<br>Effort au brin maxi. |
|---------------------|--------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------|-----------------------------------------------|
|                     | 0 – 393 ft/min single line<br>ft/min au brin simple                                                    | 0.7" / 853'                                                          | 12820 lbs                                     |
|                     | 0 – 393 ft/min single line<br>ft/min au brin simple                                                    | 0.7" / 853'                                                          | 12820 lbs                                     |
|                     | 0 – 1.7 rpm                                                                                            |                                                                      |                                               |
|                     | approx. 60 seconds to reach 82° boom angle<br>env. 60 s jusqu'à 82°                                    |                                                                      |                                               |
|                     | approx. 390 seconds for boom extension from 41 ft – 190 ft<br>env. 390 s pour passer de 41 ft – 190 ft |                                                                      |                                               |



Equipment  
Équipement

Crane carrier

|                   |                                                                                                                                                                                                                                                                                                                                                                    |
|-------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Frame             | Self-manufactured, weight-optimized and torsion resistant box-type design of high-tensile structural steel.                                                                                                                                                                                                                                                        |
| Outriggers        | 4-point supporting system, hydraulically telescopable into horizontal and vertical direction. Automatic levelling of crane. Electronic inclination indicator. Supporting area lighting.                                                                                                                                                                            |
| Engine            | 6-cylinder Diesel, make Liebherr, type D846 A7, watercooled, output 370 kW (503 h.p.) at 1900 min <sup>-1</sup> , max. torque 1731 lbs-ft at 1100 – 1500 min <sup>-1</sup> . Exhaust emissions acc. to 97/68/EG stage 3 and EPA/CARB Tier 3. Fuel reservoir: 127 gallons.                                                                                          |
| Transmission      | ZF 12-speed gear box with automatic control system AS-TRONIC. ZF-intarder fitted directly to the gear. Two-stage transfer case with lockable transfer differential.                                                                                                                                                                                                |
| Axles             | Welded design, made of high-tensile fine grained steel. All axles steerable. Axles 2, 4 and 5 are planetary axles with differential locks.                                                                                                                                                                                                                         |
| Suspension        | All axles are mounted on hydropneumatic suspension and are lockable hydraulically.                                                                                                                                                                                                                                                                                 |
| Tyres             | 10 tyres, size: 16.00 R 25.                                                                                                                                                                                                                                                                                                                                        |
| Steering          | ZF-servocom power steering, dual circuit system with hydraulic servo system and auxiliary pump system, driven by the axle. At road displacement, axles 3, 4 and 5 electro-hydraulically speed-dependent and from 18.6 mph, axles 3 and 4 are fixed to straight displacement. From 37 mph, axle 5 is fixed straight. Steering according to EG directive 70/311 EWG. |
| Brakes            | Service brake: Dual circuit, all-wheel servo-air brake.<br>Parking brake: Spring brake actuator acting on all the wheels of axles 1, 2, 3 and 4.<br>Sustained-action brakes: Engine brake as exhaust retarder with Liebherr additional brake system ZBS. Intarder on gear. Brakes according to EG directives 71/320 EWG resp. 70/311 EWG.                          |
| Driver's cab      | Spacious, steel made, corrosion resistant cab, cataphoretic dip-primed, on resilient suspension with hydraulic shock absorbers, sound and heat absorbing internal panelling acc. to EG directive, safety glazing, operating and control instruments, comfortably equipped.                                                                                         |
| Electrical system | Modern data bus technique, 24 Volt DC, 2 batteries of 170 Ah each, lighting according to traffic regulations.                                                                                                                                                                                                                                                      |

Crane superstructure

|                   |                                                                                                                                                                                                                                                                                               |
|-------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Frame             | Self-manufactured, cataphoretic dip-primed weight-optimized and torsion resistant welded design of high-tensile structural steel; linked by a triple-row roller slewing ring to the carrier for continuous rotation.                                                                          |
| Crane engine      | 4-cylinder Diesel, make Liebherr, type D934S A6, watercooled, output 145 kW (197 h.p.) at 1800 min <sup>-1</sup> , max. torque 677 lbs-ft at 1100 min <sup>-1</sup> – 1500 min <sup>-1</sup> . Exhaust emissions acc. to 97/68/EG stage 3 and EPA/CARB Tier 3. Fuel reservoir: 68 gallons.    |
| Crane drive       | Diesel-hydraulic with 1 axial piston variable displacement pump, with servo-control and capacity control. 1 double gear pump, open controlled oil circuits. Compact hydraulic drive flanged to the Diesel engine. Drive assembly completely enclosed for noise abatement.                     |
| Control           | Electric “Load Sensing” control, simultaneous operation of 4 working motions, 2 selfcentering hand control levers (joy-stick type), with winch and slewing gear signal devices.                                                                                                               |
| Hoist gear        | Axial piston fixed displacement motor, Liebherr hoist drum with integrated planetary gear and spring-loaded static brake.                                                                                                                                                                     |
| Luffing gear      | 1 differential ram with safety check valves.                                                                                                                                                                                                                                                  |
| Slewing gear      | Axial piston fixed displacement motor, planetary gear, spring-loaded static brake. Slewing gear invertible from released to locked as standard feature.                                                                                                                                       |
| Crane cab         | All-steel construction, entirely galvanized, powder coated, with safety glazing, operating and control instruments, comfortably equipped, cab tilttable backwards.                                                                                                                            |
| Safety devices    | LICCON safe load indicator, test system hoist limit switch, safety valves to prevent pipe and hose ruptures.                                                                                                                                                                                  |
| Telescopic boom   | Buckling and torsion resistant design of high-tensile structural steel, oviform boom profile, 1 base section and 5 telescopic sections. All telescopic sections hydraulically extendable independent of one another. Rapid-cycle telescoping system “Telematik”. Boom length: 41 ft – 190 ft. |
| Counterweight     | 33100 lbs basic counterweight.                                                                                                                                                                                                                                                                |
| Electrical system | Modern data bus technique, 24 Volt DC, 2 batteries of 170 Ah each.                                                                                                                                                                                                                            |

Additional equipment

|                            |                                                                                                                                                |
|----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| Swing-away jib             | 34 ft – 62 ft long, mountable to the telescopic boom at 0°, 20° or 40°. Hydraulic ram for operating the swing-away jib from 0° – 40° (option). |
| Erection jib               | 9 ft                                                                                                                                           |
| Telescopic boom extension  | 23 ft long lattice section, thus 23 ft higher pinning point for swing-away jib.                                                                |
| 2 <sup>nd</sup> hoist gear | For two-hook operation or for operation with swing-away jib if the hoist rope shall remain reeved.                                             |
| Additional counterweight   | 17600 lbs for a total counterweight of 50700 lbs.                                                                                              |
| Tyres                      | 10 tyres, size 20.5 R 25.                                                                                                                      |
| Drive 10 x 8               | Additional drive of the 1 <sup>st</sup> axle.                                                                                                  |

Other items of equipment available on request.



Equipment  
Equipment

Châssis porteur

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Cadre                   | Construction en caisse résistante à la torsion et optimisée en poids réalisée par Liebherr en acier de construction à grain fin très rigide.                                                                                                                                                                                                                                                                                                        |
| Stabilisateurs          | Dispositif de calage horizontal et vertical en 4 points, entièrement déployable hydrauliquement. Nivellement automatique du calage. Indicateurs électroniques d'inclinaison. Eclairage de la zone de calage.                                                                                                                                                                                                                                        |
| Moteur                  | Moteur diesel, 6 cylindres, fabriqué par Liebherr, de type D846 A7, à refroidissement par eau, de 370 kW (503 ch) à 1900 min <sup>-1</sup> , couple max. 1731 lbs-ft à 1100 – 1500 min <sup>-1</sup> . Emissions des gaz d'échappement conformes aux directives 97/68/EG partie 3 et EPA/CARB Tier 3. Capacité du réservoir à carburant: 127 gallons.                                                                                               |
| Boîte de vitesse        | Boîte de vitesses ZF à 12 rapports, mécanisme automatisé à commande AS-TRONIC. Ralentisseur hydrodynamique ZF directement accouplé à la boîte. Boîte de transfert à 2 étages avec blocage de différentiel.                                                                                                                                                                                                                                          |
| Essieux                 | Construction soudée en acier haute résistance à grains fins pour l'ensemble des 5 essieux. Tous les essieux sont directs. Essieux 2, 4 et 5 planétaires avec blocage du différentiel.                                                                                                                                                                                                                                                               |
| Suspension              | Suspension hydropneumatique sur tous les essieux. Chaque essieu peut être bloqué hydrauliquement.                                                                                                                                                                                                                                                                                                                                                   |
| Pneumatiques            | 10 pneus de taille: 16.00 R 25.                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Direction               | Direction hydraulique ZF Servocom, à 2 circuits, assistée hydrauliquement, avec pompe auxiliaire entraînée par essieu. Lors de déplacements sur route, les essieux 3, 4 et 5 sont dirigés électrohydrauliquement en fonction de la vitesse, et à partir de 18.6 mph, les essieux 3 et 4 sont fixés en marche rectiligne. A partir d'env. 37 mph, l'essieu 5 est fixé en marche rectiligne. Direction conforme aux directives européennes 70/311 CE. |
| Freins                  | Frein de service: servofrein pneumatique pour toutes les roues, à 2 circuits.<br>Frein à main: accumulateur à ressort agissant sur les roues des essieux 1, 2, 3 et 4.<br>Freins continus: frein moteur par clapet sur échappement avec système de ralentissement Liebherr ZBS. Ralentisseur accouplé à la boîte de vitesses. Freins conformes aux directives européennes 71/320 CE resp. 70/311 CE.                                                |
| Cabine du conducteur    | Cabine spacieuse en tôle d'acier, traitement anticorrosion par bain de cataphorèse, avec suspension élastique et amortisseurs hydrauliques, revêtement intérieur avec isolation phonique et thermique selon les directives européennes, glaces de sécurité, appareils de commande et de contrôle, équipement confortable.                                                                                                                           |
| Installation électrique | Technique moderne de transmission de données par BUS de données, courant continu 24 Volts, 2 batteries de 170 Ah chacune, éclairage conforme au code de la route.                                                                                                                                                                                                                                                                                   |

Partie tournante

|       |                                                                                                                                                                                                                                                                                |
|-------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Cadre | Construction soudée résistante à la torsion et optimisée en poids réalisée par Liebherr en acier de construction à grain fin très rigide. Couronne d'orientation à rouleaux à 3 rangées permettant une rotation illimitée sert de pièce de liaison avec le châssis de la grue. |
|-------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                         |                                                                                                                                                                                                                                                                                                                                                          |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Moteur                  | Moteur diesel Liebherr, 4 cylindres, de type D934S A6, à refroidissement par eau, de 145 kW (197 ch) à 1800 min <sup>-1</sup> , couple max. 677 lbs-ft à 1100 min <sup>-1</sup> – 1500 min <sup>-1</sup> . Emissions des gaz d'échappement conformes aux directives 97/68/EG partie 3 et EPA/CARB Tier 3. Capacité du réservoir à carburant: 68 gallons. |
| Entraînement de la grue | Diesel hydraulique avec 1 double pompe à débit variable à pistons axiaux, avec servocommande et régulation de la puissance. 1 double pompe à engrenages, circuits hydrauliques ouverts et régulés. Entraînement hydraulique compact, accouplé directement au moteur diesel, mécanisme d'entraînement complet fermé pour une bonne insonorisation.        |
| Direction               | Commande électrique «Load Sensing», 4 mouvements de travail dirigeables simultanément, deux leviers de commande à 4 positions et à autocentrage, avec capteur de rotation des treuils et du mécanisme d'orientation.                                                                                                                                     |
| Mécanisme de levage     | Moteur à cylindrée constante et à pistons axiaux. Treuil de marque Liebherr équipé d'un engrenage planétaire et d'un frein d'arrêt commandé par ressort.                                                                                                                                                                                                 |
| Mécanisme de relevage   | 1 vérin différentiel avec soupapes de retenu.                                                                                                                                                                                                                                                                                                            |
| Dispositif de rotation  | Moteur à cylindrée constante à pistons axiaux, réducteur planétaire, frein d'arrêt commandé par ressort. Commutation en série du mécanisme d'orientation: ouvert et en orientation freinée automatiquement.                                                                                                                                              |
| Cabine du grutier       | Construction en tôle d'acier entièrement zinguée avec peinture par poudrage et cuisson au four, avec glaces de sécurité, appareils de commande et de contrôle, équipement confortable, cabine inclinable vers l'arrière.                                                                                                                                 |
| Dispositif de sécurité  | Contrôleur de charge «LICCON», système test limitation de la course pour le levage, soupape de sûreté contre la rupture de tubes et de tuyaux.                                                                                                                                                                                                           |
| Flèche télescopique     | Flèche télescopique en acier à haute résistance à grains fins, à profil ovale, 1 élément de base et 5 éléments télescopiques. Tous les éléments télescopiques indépendamment les uns des autres. Système de télescopage séquentiel rapide «Telematik». Longueur de flèche: 41 ft – 190 ft.                                                               |
| Contrepoids             | Contrepoids principal de 33100 lbs.                                                                                                                                                                                                                                                                                                                      |
| Installation électrique | Technique moderne de transmission de données par BUS de données. Courant continu 24 Volts, 2 batteries de 170 Ah chacune.                                                                                                                                                                                                                                |

Equipement supplémentaire

|                              |                                                                                                                                                        |
|------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| Fléchette pliante            | Longueur: 34 ft – 62 ft, montable sous un angle de 0°, 20° ou 40°. Vérin hydraulique pour le relevage de la fléchette pliante de 0° à 40° (en option). |
| Fléchette de montage         | 9 ft                                                                                                                                                   |
| Rallonge flèche télescopique | Elément en treillis de 23 ft, élevant le point d'articulation pour la fléchette pliante de 23 ft.                                                      |
| 2ème mécanisme de levage     | Pour l'utilisation du deuxième crochet, ou bien pour une utilisation avec fléchette pliante lorsque le câble de levage principal rest mouflé.          |
| Contrepoids supplémentaire   | 17600 lbs pour un contrepoids total de 50700 lbs.                                                                                                      |
| Pneumatiques                 | 10 pneus. Taille: 20.5 R 25.                                                                                                                           |
| Entraînement 10 x 8          | Essieu 1 est entraîné additionnellement.                                                                                                               |

Autres équipements supplémentaires sur demande.



Remarks referring to load charts

- 1. The tabulated lifting capacities do not exceed 85% of the tipping load.
- 2. The crane's structural steelwork is in accordance with DIN 15018, part 3. Design and construction of the crane comply with DIN 15018, part 2, and with F. E. M. regulations.
- 3. The 85% overturning limit values take into account wind force 5 = wind speed 20 mph.
- 4. Lifting capacities are given in kips.
- 5. The weight of the hook blocks and hooks must be deducted from the lifting capacities.
- 6. Working radii are measured from the slewing centreline.
- 7. The lifting capacities given for the telescopic boom only apply if the folding jib is taken off.
- 8. Lifting capacities are subject to modifications.
- 9. Lifting capacities above 139 kips / 190 kips only with additional pulley block / special equipment.

Remarques relatives aux tableaux des charges

- 1. Les forces de levage indiquées ne dépassent pas 85% de la charge de basculement.
- 2. La norme DIN 15018, 3ème partie est appliquée pour les charpentes. La construction de la grue est réalisée conformément à la norme DIN 15018, 2ème partie, et aux règles de la F. E. M.
- 3. A 85% de la charge de basculement, il a été tenu compte d'un vent de force 5 = vitesse de vent 20 mph.
- 4. Les forces de levage sont données en kips.
- 5. Les poids des moufles et crochets doit être soustrait des charges indiquées.
- 6. Les portées sont calculées à partir de l'axe de rotation.
- 7. Les forces indiquées pour la flèche télescopique s'entendent fléchette dépliable déposée.
- 8. Les forces de levage sont modifiables sans préavis.
- 9. Forces de levage plus de 139 kips / 190 kips seulement avec un moufle complémentaire / équipement supplémentaire.