



# KRUPP

**150 ton Capacity  
All-Terrain - Crane**



# KMK 5150



# Hook elevation diagram

Main boom and lattice extension



44 – 166 ft

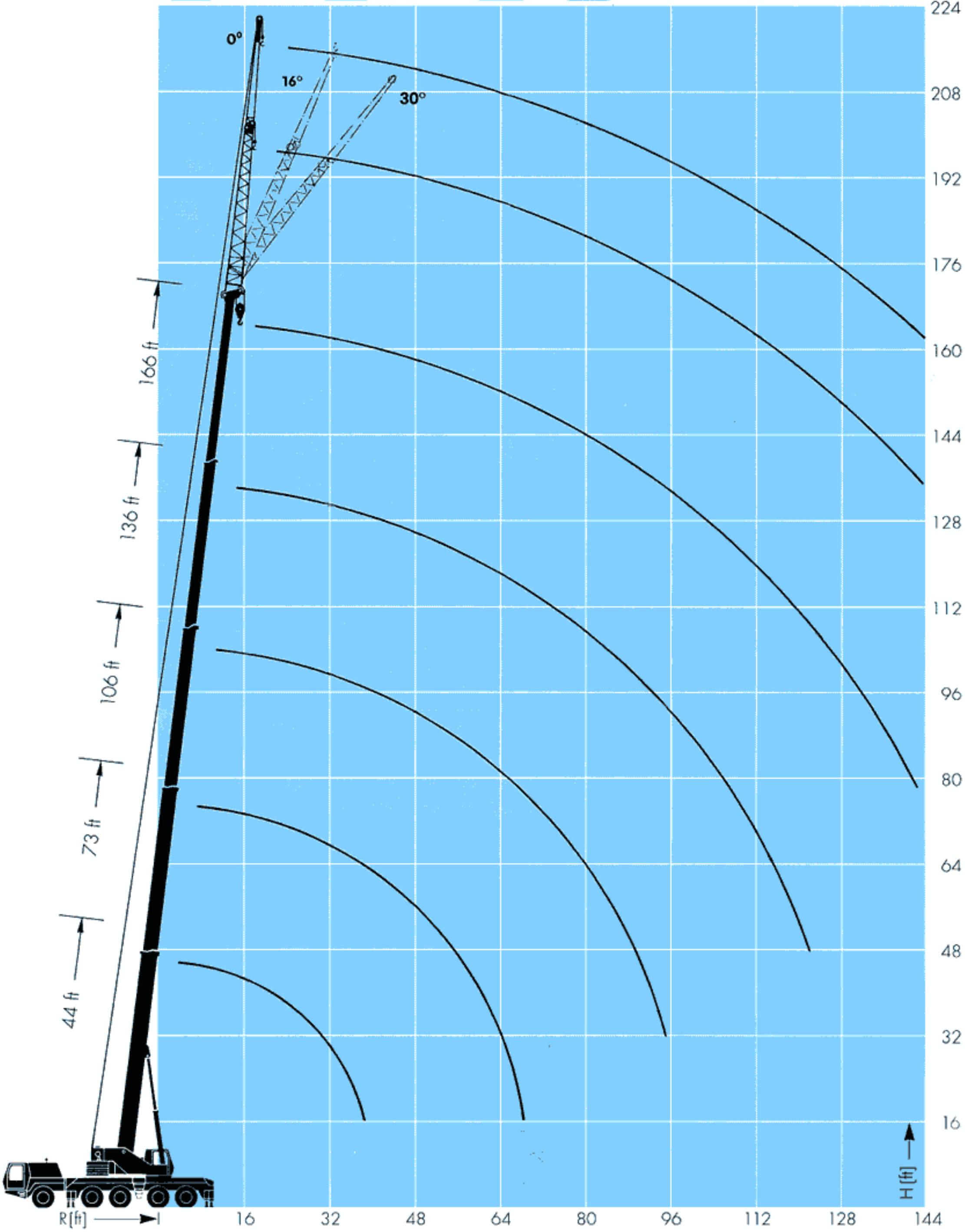


33/52 ft



360°

Counterweight **46,3\*** lbs



\* 1000 lbs

## Main Boom

### Lifting Capacities in 1000 lbs



360°

Counterweight **46,3\*** lbs

A diagram of a 4-bit shift register. It consists of four rectangular cells connected in a horizontal line. The first cell on the left is empty. The second cell contains the label 'Y1', the third contains 'Y2', the fourth contains 'Y3', and the fifth (on the far right) contains 'Y4'. Arrows indicate data flow from left to right between the cells.

%

%

ver rear

1) outrigger base 28' 2" x 17' 10"

\* with special equipment

\* 1000 lb,



360°

Counterweight **27,8\*** lbs

|   |    |    |    |    |
|---|----|----|----|----|
| 0 | Y1 | Y2 | Y3 | Y4 |
|---|----|----|----|----|

%

%

\* 1000 lbs

# Main Boom

Lifting Capacities in 1000 lbs



44 – 166 ft



360°

Counterweight **9,3\*** t

| Radius |    | Boom-length |       |       |       |        |        |        |        |        |        |        |        | Radius |       |
|--------|----|-------------|-------|-------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|
| ft     |    | 44 ft       | 74 ft | 74 ft | 88 ft | 104 ft | 105 ft | 106 ft | 119 ft | 135 ft | 136 ft | 150 ft | 166 ft | ft     |       |
| 10     |    | 218,0       | 133,0 | 87,0  |       |        |        |        |        |        |        |        |        | 10     |       |
| 15     |    | 146,0       | 133,0 | 87,0  | 102,0 |        |        |        |        |        |        |        |        | 15     |       |
| 20     |    | 104,0       | 99,0  | 87,0  | 100,0 | 82,0   | 68,0   | 38,8   | 65,0   |        |        |        |        | 20     |       |
| 25     |    | 79,0        | 75,0  | 81,0  | 75,0  | 77,0   | 67,0   | 38,8   | 65,0   | 51,0   | 38,8   | 38,8   |        | 25     |       |
| 30     |    | 63,0        | 58,0  | 64,0  | 56,0  | 56,0   | 58,0   | 38,8   | 53,0   | 51,0   | 38,8   | 38,8   | 31,6   | 30     |       |
| 35     |    |             | 41,4  | 51,0  | 40,4  | 41,4   | 49,0   | 37,2   | 39,6   | 39,8   | 38,8   | 38,8   | 31,6   | 35     |       |
| 40     |    |             | 29,0  | 38,0  | 29,8  | 31,2   | 38,2   | 33,0   | 29,8   | 30,4   | 37,2   | 31,8   | 31,6   | 40     |       |
| 45     |    |             | 20,6  | 29,0  | 21,4  | 23,8   | 30,0   | 29,8   | 22,8   | 23,6   | 32,8   | 25,0   | 26,2   | 45     |       |
| 50     |    |             | 14,6  | 22,6  | 15,4  | 17,8   | 23,4   | 27,0   | 17,4   | 18,2   | 27,2   | 19,8   | 21,0   | 50     |       |
| 55     |    |             | 10,0  | 17,6  | 10,6  | 13,0   | 18,4   | 24,6   | 13,0   | 14,0   | 22,4   | 15,6   | 17,0   | 55     |       |
| 60     |    |             |       |       | 7,0   | 9,4    | 14,6   | 20,6   | 9,4    | 10,6   | 18,4   | 12,2   | 13,6   | 60     |       |
| 65     |    |             |       |       | 4,2   | 6,4    | 11,4   | 17,2   | 6,4    | 7,6    | 15,0   | 9,4    | 10,8   | 65     |       |
| 70     |    |             |       |       |       | 3,8    | 8,8    | 14,6   | 4,0    | 5,2    | 12,4   | 7,0    | 8,4    | 70     |       |
| 75     |    |             |       |       |       |        | 6,6    | 12,2   | 1,8    | 3,2    | 10,2   | 5,0    | 6,4    | 75     |       |
| 80     |    |             |       |       |       |        | 4,8    | 10,4   |        |        | 8,2    | 3,2    | 4,6    | 80     |       |
| 85     |    |             |       |       |       |        | 3,2    | 8,6    |        |        | 6,6    |        | 3,0    | 85     |       |
| 90     |    |             |       |       |       |        |        | 7,2    |        |        | 5,2    |        |        | 90     |       |
| 95     |    |             |       |       |       |        |        |        |        |        | 4,0    |        |        | 95     |       |
| 100    |    |             |       |       |       |        |        |        |        |        | 2,8    |        |        | 100    |       |
| <br>%  | T1 | 0           | 100   | 0     | 100   | 100    | 0      | 0      | 100    | 100    | 0      | 100    | 100    | T1     | <br>% |
|        | T2 | 0           | 0     | 50    | 50    | 50     | 100    | 0      | 100    | 100    | 100    | 100    | 100    | T2     |       |
|        | T3 | 0           | 0     | 50    | 0     | 50     | 100    | 100    | 50     | 100    | 100    | 100    | 100    | T3     |       |
|        | T4 | 0           | 0     | 0     | 0     | 0      | 0      | 100    | 0      | 0      | 100    | 50     | 100    | T4     |       |

\* 1000 lbs

# Main Boom + swing-away extension

Lifting Capacities in 1000 lbs



33/52 ft



360°

Counterweight **46,3\*** lbs

| Radius                                                                                  |  | Main boom length 166 ft        |      |      |                                |     |     | Radius |     |                                                                                         |    |
|-----------------------------------------------------------------------------------------|--|--------------------------------|------|------|--------------------------------|-----|-----|--------|-----|-----------------------------------------------------------------------------------------|----|
|                                                                                         |  | Lattice extension length 33 ft |      |      | Lattice extension length 52 ft |     |     |        |     |                                                                                         |    |
|                                                                                         |  | 0°                             | 16°  | 30°  | 0°                             | 16° | 30° |        |     |                                                                                         |    |
| ft                                                                                      |  |                                |      |      |                                |     |     |        | ft  |                                                                                         |    |
| 30                                                                                      |  | 17,0                           |      |      | 10,2                           |     |     | 30     |     |                                                                                         |    |
| 35                                                                                      |  | 17,0                           |      |      | 10,2                           |     |     | 35     |     |                                                                                         |    |
| 40                                                                                      |  | 17,0                           |      |      | 10,2                           |     |     | 40     |     |                                                                                         |    |
| 45                                                                                      |  | 17,0                           | 16,4 | 14,6 | 10,2                           |     |     | 45     |     |                                                                                         |    |
| 50                                                                                      |  | 17,0                           | 16,4 | 14,2 | 10,2                           | 9,8 |     | 50     |     |                                                                                         |    |
| 55                                                                                      |  | 17,0                           | 16,0 | 14,0 | 10,2                           | 9,4 |     | 55     |     |                                                                                         |    |
| 60                                                                                      |  | 17,0                           | 15,8 | 13,8 | 10,2                           | 9,2 | 7,8 | 60     |     |                                                                                         |    |
| 65                                                                                      |  | 17,0                           | 15,4 | 13,6 | 10,2                           | 9,0 | 7,6 | 65     |     |                                                                                         |    |
| 70                                                                                      |  | 17,0                           | 15,2 | 13,4 | 10,2                           | 8,8 | 7,4 | 70     |     |                                                                                         |    |
| 75                                                                                      |  | 17,0                           | 14,8 | 13,0 | 10,2                           | 8,6 | 7,2 | 75     |     |                                                                                         |    |
| 80                                                                                      |  | 16,6                           | 14,6 | 12,8 | 10,2                           | 8,4 | 7,2 | 80     |     |                                                                                         |    |
| 85                                                                                      |  | 15,4                           | 14,0 | 12,6 | 10,0                           | 8,2 | 7,0 | 85     |     |                                                                                         |    |
| 90                                                                                      |  | 13,8                           | 13,2 | 12,4 | 9,8                            | 8,0 | 6,8 | 90     |     |                                                                                         |    |
| 95                                                                                      |  | 11,8                           | 12,4 | 12,4 | 9,4                            | 7,8 | 6,8 | 95     |     |                                                                                         |    |
| 100                                                                                     |  | 10,2                           | 11,2 | 12,0 | 9,2                            | 7,6 | 6,6 | 100    |     |                                                                                         |    |
| 105                                                                                     |  | 8,8                            | 9,6  | 10,4 | 9,0                            | 7,4 | 6,6 | 105    |     |                                                                                         |    |
| 110                                                                                     |  | 7,4                            | 8,2  | 8,8  | 8,6                            | 7,2 | 6,4 | 110    |     |                                                                                         |    |
| 115                                                                                     |  | 6,2                            | 7,0  | 7,6  | 7,6                            | 7,2 | 6,4 | 115    |     |                                                                                         |    |
| 120                                                                                     |  | 5,2                            | 5,8  | 6,4  | 6,6                            | 7,0 | 6,4 | 120    |     |                                                                                         |    |
| 125                                                                                     |  | 4,2                            | 4,8  | 5,2  | 5,6                            | 6,8 | 6,2 | 125    |     |                                                                                         |    |
| 130                                                                                     |  | 3,2                            | 3,8  | 4,2  | 4,6                            | 5,8 | 6,2 | 130    |     |                                                                                         |    |
| 135                                                                                     |  | 2,4                            | 3,0  | 3,4  | 3,8                            | 4,8 | 5,6 | 135    |     |                                                                                         |    |
| 140                                                                                     |  |                                | 2,2  | 2,6  | 3,0                            | 4,0 | 4,6 | 140    |     |                                                                                         |    |
| 145                                                                                     |  |                                |      |      | 2,2                            | 3,2 | 3,8 | 145    |     |                                                                                         |    |
| 150                                                                                     |  |                                |      |      |                                | 2,6 | 3,0 | 150    |     |                                                                                         |    |
| 155                                                                                     |  |                                |      |      |                                |     | 2,4 | 155    |     |                                                                                         |    |
| <div><div></div><div>T1</div><div>T2</div><div>T3</div><div>T4</div></div> <div>%</div> |  | T1                             | 100  | 100  | 100                            | 100 | 100 | 100    | T1  | <div><div></div><div>T1</div><div>T2</div><div>T3</div><div>T4</div></div> <div>%</div> |    |
|                                                                                         |  | T2                             | 100  | 100  | 100                            | 100 | 100 | 100    | 100 |                                                                                         | T2 |
|                                                                                         |  | T3                             | 100  | 100  | 100                            | 100 | 100 | 100    | 100 |                                                                                         | T3 |
|                                                                                         |  | T4                             | 100  | 100  | 100                            | 100 | 100 | 100    | 100 |                                                                                         | T4 |

\* 1000 lbs

Counterweight **27,8** lbs

| Radius                                                                                  |  | Main boom length 166 ft        |      |      |                                |     |     | Radius |     |                                                                                         |    |
|-----------------------------------------------------------------------------------------|--|--------------------------------|------|------|--------------------------------|-----|-----|--------|-----|-----------------------------------------------------------------------------------------|----|
|                                                                                         |  | Lattice extension length 33 ft |      |      | Lattice extension length 52 ft |     |     |        |     |                                                                                         |    |
|                                                                                         |  | 0°                             | 16°  | 30°  | 0°                             | 16° | 30° |        |     |                                                                                         |    |
| ft                                                                                      |  |                                |      |      |                                |     |     | ft     |     |                                                                                         |    |
| 30                                                                                      |  | 17,0                           |      |      | 10,2                           |     |     | 30     |     |                                                                                         |    |
| 35                                                                                      |  | 17,0                           |      |      | 10,2                           |     |     | 35     |     |                                                                                         |    |
| 40                                                                                      |  | 17,0                           | 16,4 |      | 10,2                           |     |     | 40     |     |                                                                                         |    |
| 45                                                                                      |  | 17,0                           | 16,4 | 14,6 | 10,2                           |     |     | 45     |     |                                                                                         |    |
| 50                                                                                      |  | 17,0                           | 16,4 | 14,2 | 10,2                           | 9,8 |     | 50     |     |                                                                                         |    |
| 55                                                                                      |  | 17,0                           | 16,0 | 14,0 | 10,2                           | 9,4 |     | 55     |     |                                                                                         |    |
| 60                                                                                      |  | 17,0                           | 15,8 | 13,8 | 10,2                           | 9,2 | 7,8 | 60     |     |                                                                                         |    |
| 65                                                                                      |  | 17,0                           | 15,4 | 13,6 | 10,2                           | 9,0 | 7,6 | 65     |     |                                                                                         |    |
| 70                                                                                      |  | 17,0                           | 15,2 | 13,4 | 10,2                           | 8,8 | 7,4 | 70     |     |                                                                                         |    |
| 75                                                                                      |  | 14,6                           | 14,8 | 13,0 | 10,2                           | 8,6 | 7,2 | 75     |     |                                                                                         |    |
| 80                                                                                      |  | 12,4                           | 14,0 | 12,8 | 10,2                           | 8,4 | 7,2 | 80     |     |                                                                                         |    |
| 85                                                                                      |  | 10,6                           | 11,8 | 12,6 | 10,0                           | 8,2 | 7,0 | 85     |     |                                                                                         |    |
| 90                                                                                      |  | 8,8                            | 10,0 | 10,8 | 9,8                            | 8,0 | 6,8 | 90     |     |                                                                                         |    |
| 95                                                                                      |  | 7,2                            | 8,2  | 9,0  | 8,6                            | 7,8 | 6,8 | 95     |     |                                                                                         |    |
| 100                                                                                     |  | 5,8                            | 6,8  | 7,6  | 7,2                            | 7,6 | 6,6 | 100    |     |                                                                                         |    |
| 105                                                                                     |  | 4,6                            | 5,4  | 6,2  | 6,0                            | 7,4 | 6,6 | 105    |     |                                                                                         |    |
| 110                                                                                     |  | 3,4                            | 4,4  | 5,0  | 4,8                            | 6,4 | 6,4 | 110    |     |                                                                                         |    |
| 115                                                                                     |  | 2,4                            | 3,2  | 3,8  | 3,8                            | 5,2 | 6,4 | 115    |     |                                                                                         |    |
| 120                                                                                     |  |                                | 2,2  | 2,8  | 3,0                            | 4,2 | 5,2 | 120    |     |                                                                                         |    |
| 125                                                                                     |  |                                |      |      | 2,0                            | 3,4 | 4,2 | 125    |     |                                                                                         |    |
| 130                                                                                     |  |                                |      |      |                                | 2,4 | 3,4 | 130    |     |                                                                                         |    |
| 135                                                                                     |  |                                |      |      |                                |     | 2,4 | 135    |     |                                                                                         |    |
| <div><div></div><div>T1</div><div>T2</div><div>T3</div><div>T4</div></div> <div>%</div> |  | T1                             | 100  | 100  | 100                            | 100 | 100 | 100    | T1  | <div><div></div><div>T1</div><div>T2</div><div>T3</div><div>T4</div></div> <div>%</div> |    |
|                                                                                         |  | T2                             | 100  | 100  | 100                            | 100 | 100 | 100    | 100 |                                                                                         | T2 |
|                                                                                         |  | T3                             | 100  | 100  | 100                            | 100 | 100 | 100    | 100 |                                                                                         | T3 |
|                                                                                         |  | T4                             | 100  | 100  | 100                            | 100 | 100 | 100    | 100 |                                                                                         | T4 |

\* 1000 lbs

# Main Boom + swing-away extension

Lifting Capacities in 1000 lbs


33/52 ft




360°

Counterweight **9,3\*** lbs

| Radius                                                                                  |    | Main boom length 166 ft        |      |      |                                |     |     | Radius |                                                                                            |
|-----------------------------------------------------------------------------------------|----|--------------------------------|------|------|--------------------------------|-----|-----|--------|--------------------------------------------------------------------------------------------|
|                                                                                         |    | Lattice extension length 33 ft |      |      | Lattice extension length 52 ft |     |     |        |                                                                                            |
|                                                                                         |    | 0°                             | 16°  | 30°  | 0°                             | 16° | 30° |        |                                                                                            |
| ft                                                                                      |    |                                |      |      |                                |     |     | ft     |                                                                                            |
| 30                                                                                      |    | 17,0                           |      |      | 10,2                           |     |     | 30     |                                                                                            |
| 35                                                                                      |    | 17,0                           |      |      | 10,2                           |     |     | 35     |                                                                                            |
| 40                                                                                      |    | 17,0                           | 16,4 |      | 10,2                           |     |     | 40     |                                                                                            |
| 45                                                                                      |    | 17,0                           | 16,4 | 14,6 | 10,2                           |     |     | 45     |                                                                                            |
| 50                                                                                      |    | 17,0                           | 16,4 | 14,2 | 10,2                           | 9,8 |     | 50     |                                                                                            |
| 55                                                                                      |    | 17,0                           | 16,0 | 14,0 | 10,2                           | 9,4 |     | 55     |                                                                                            |
| 60                                                                                      |    | 15,0                           | 15,8 | 13,8 | 10,2                           | 9,2 | 7,8 | 60     |                                                                                            |
| 65                                                                                      |    | 12,4                           | 14,2 | 13,6 | 10,2                           | 9,0 | 7,6 | 65     |                                                                                            |
| 70                                                                                      |    | 10,0                           | 11,8 | 13,0 | 10,2                           | 8,8 | 7,4 | 70     |                                                                                            |
| 75                                                                                      |    | 8,0                            | 9,6  | 10,8 | 9,2                            | 8,6 | 7,2 | 75     |                                                                                            |
| 80                                                                                      |    | 6,2                            | 7,6  | 8,8  | 7,6                            | 8,4 | 7,2 | 80     |                                                                                            |
| 85                                                                                      |    | 4,6                            | 6,0  | 7,0  | 6,0                            | 8,2 | 7,0 | 85     |                                                                                            |
| 90                                                                                      |    | 3,2                            | 4,6  | 5,4  | 4,6                            | 6,8 | 6,8 | 90     |                                                                                            |
| 95                                                                                      |    | 2,0                            | 3,2  | 4,0  | 3,4                            | 5,4 | 6,8 | 95     |                                                                                            |
| 100                                                                                     |    |                                | 2,0  | 2,8  | 2,4                            | 4,2 | 5,6 | 100    |                                                                                            |
| 105                                                                                     |    |                                |      |      |                                | 3,2 | 4,4 | 105    |                                                                                            |
| 110                                                                                     |    |                                |      |      |                                | 2,2 | 3,4 | 110    |                                                                                            |
| 115                                                                                     |    |                                |      |      |                                |     | 2,2 | 115    |                                                                                            |
| <br>% | T1 | 100                            | 100  | 100  | 100                            | 100 | 100 | T1     | <br>% |
|                                                                                         | T2 | 100                            | 100  | 100  | 100                            | 100 | 100 | T2     |                                                                                            |
|                                                                                         | T3 | 100                            | 100  | 100  | 100                            | 100 | 100 | T3     |                                                                                            |
|                                                                                         | T4 | 100                            | 100  | 100  | 100                            | 100 | 100 | T4     |                                                                                            |

\* 1000 lbs

## Notes for lifting capacities

- Rated loads do not exceed 85% of tipping load with the machine properly levelled on firm ground.
- 360° duties – on outriggers fully extended.
- Note counterweight required as listed in relevant lifting capacity columns.
- For safe crane operation due allowance must be made to compensate for high winds, side load, pendulum action and other hazardous conditions. No side pull permitted.

- Hook blocks, sling and/or boom attachments are considered part of load, and their weight must be deducted from the rated lifting capacity to determine the net load.
- Boom must be extended in accordance with sequence as noted on lifting capacity chart.
- Consult crane manual to determine weight reduction for load handling devices and boom attachments.
- Operate crane strictly in compliance with operator's manual.



**NOTES**

Grid area for notes.

Weights/Working speeds



| Axle     | 1    | 2    | 3    | 4    | 5    | Total weight |
|----------|------|------|------|------|------|--------------|
| 1000 lbs | 26,5 | 26,5 | 26,5 | 26,5 | 26,5 | 132,5        |



incl. 9.300 lbs counterweight, tires 16.00 R 25

| Lifting capacity tons | Sheaves | Parts of line | Weight lbs |
|-----------------------|---------|---------------|------------|
| 90                    | 7       | 4 – 13        | 2430       |
| 50                    | 3       | 1 – 7         | 1430       |
| 20                    | 1       | 1 – 3         | 7660       |



| Gear           | 1          | 2    | 3    | 4    | 5    | R   | Gradeability max. |
|----------------|------------|------|------|------|------|-----|-------------------|
| On-Road (mph)  | 8,0        | 13,0 | 21,0 | 31,0 | 43,0 | 9,0 |                   |
| Off-Road (mph) | 4,6        | 7,3  | 11,4 | 16,8 | 23,1 | 4,9 | 52 %              |
| Tyres          | 14.00 R 25 |      |      |      |      |     |                   |



| Drives          | infinitely variable                                  | Rope diameter/Rope length | Max. single line pull |
|-----------------|------------------------------------------------------|---------------------------|-----------------------|
| Main hoist      | 0 – 390 ft/min single line                           | 19 mm (3/4'') 780 ft      | 13700 lbs             |
| Auxiliary hoist | 0 – 390 ft/min single line                           | 19 mm (3/4'') 590 ft      | 13700 lbs             |
| Swing           | 0 – 1,8 min <sup>-1</sup>                            |                           |                       |
| Boom lift       | approx. 65 seconds to reach – 3° to + 84°            |                           |                       |
| Telescoping     | approx. 220 seconds for boom length from 44 – 166 ft |                           |                       |



Telescopic boom



On outriggers



Working range



Axle load



Hook blocks and hook



Crane movements

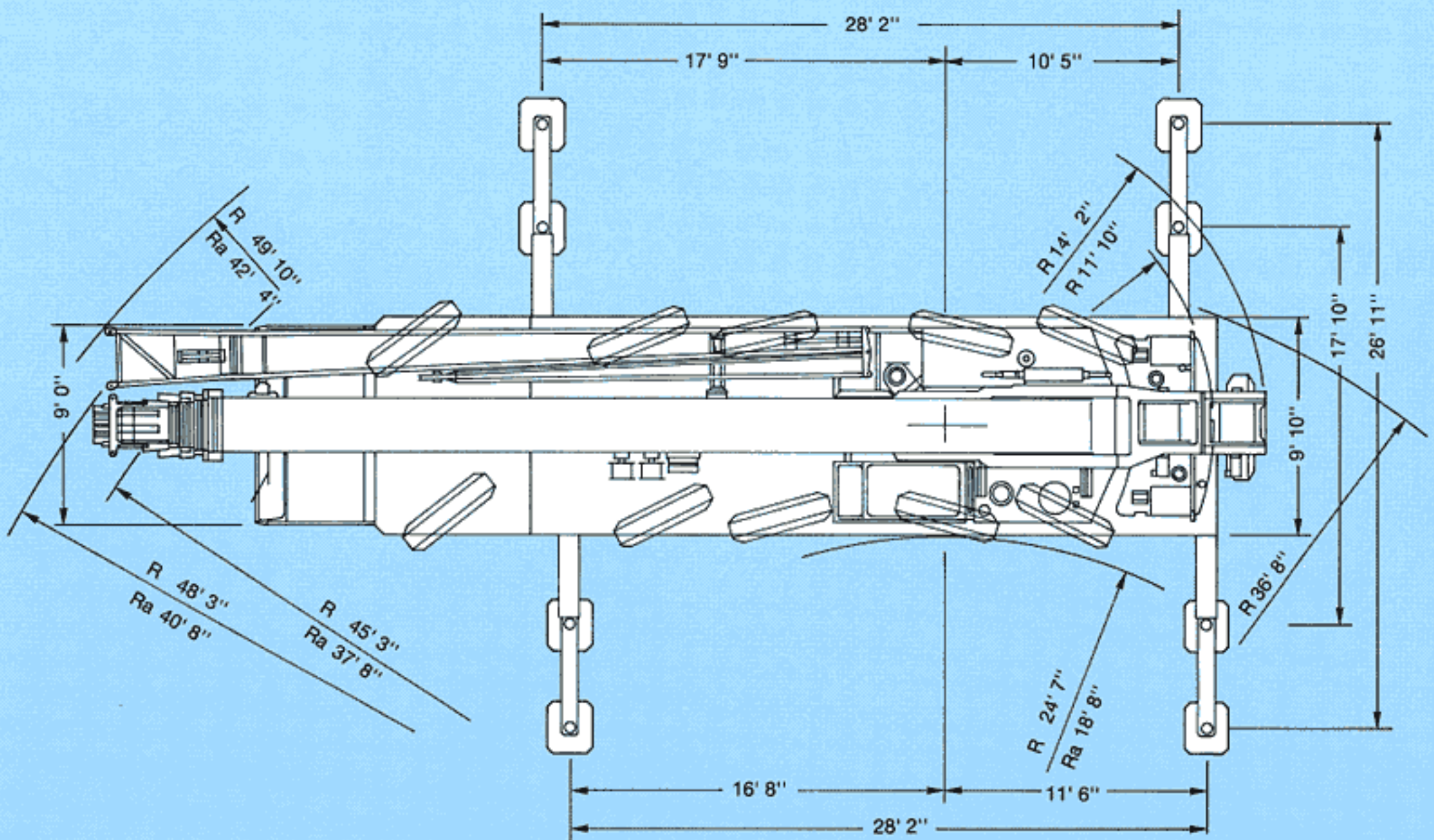
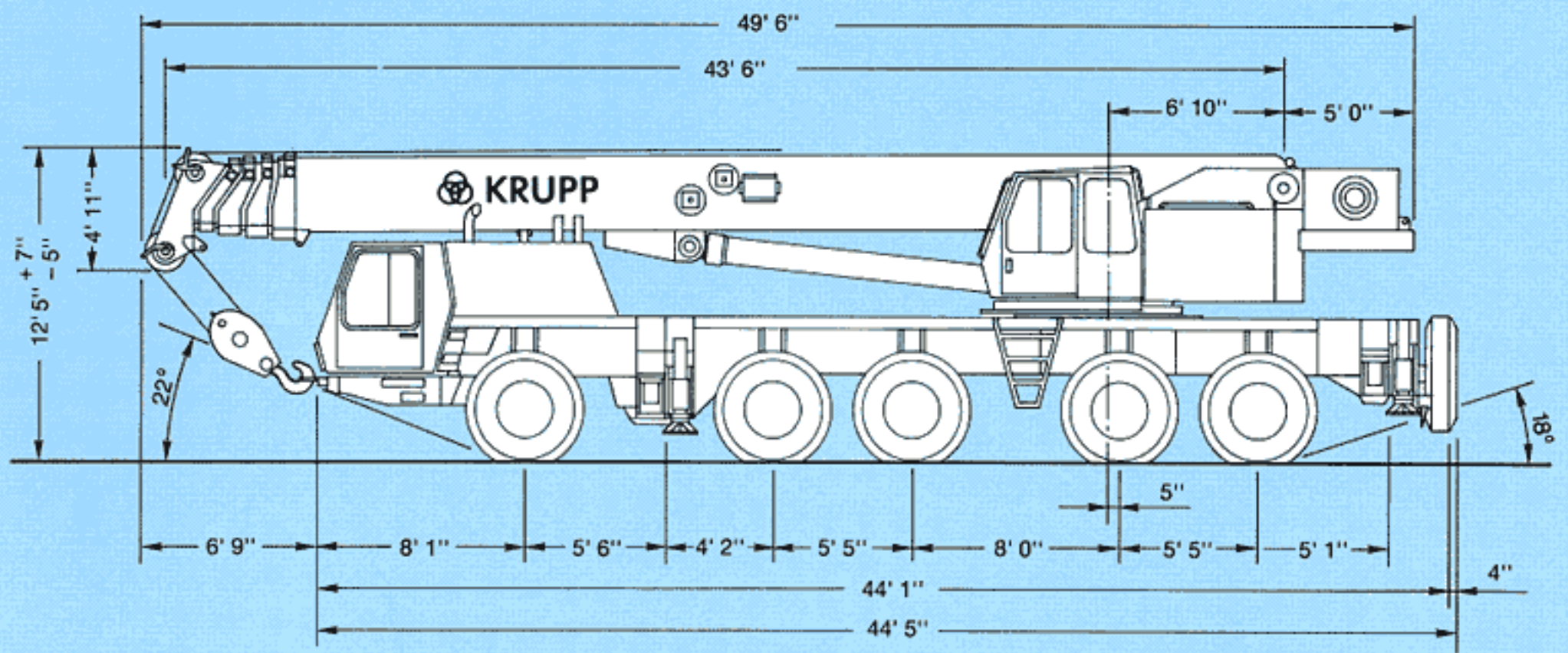


Speed



Swing-away lattice

## Dimensions



## Carrier

|                           |                                                                                                                                                                                                                                                                       |
|---------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Chassis:</b>           | Special KRUPP 5-axle carrier, all-welded torsion-resistant box-type construction made of close grain steel.                                                                                                                                                           |
| <b>Outriggers:</b>        | 4 – 2 stage hydraulically telescoping beams with vertical cylinders and outrigger pads.<br>Independent horizontal and vertical movement control on each side of the chassis.                                                                                          |
| <b>Engine:</b>            | Mercedes Benz OM 442 LA, Diesel, 8 cylinders, water-cooled, with turbocharger and supercharger intercooler, 370 kW (503 HP) at 2100 min <sup>-1</sup> . (EG 80/1269 fan loose).<br>Max. torque: 2020 Nm at 1100 – 1600 min <sup>-1</sup> .<br>Tank capacity: 100 gal. |
| <b>Transmission:</b>      | Allison automatic CLBT 755.                                                                                                                                                                                                                                           |
| <b>Transfer case:</b>     | Transfer case with 2 speeds and longitudinal differential lock.                                                                                                                                                                                                       |
| <b>Axle lines:</b>        | 5 axle lines: 2, 3, and 5 are driven axle lines; 1, 2, 3 and 5 are steering axle lines; the 4th axle line is rigid.                                                                                                                                                   |
| <b>Suspension:</b>        | All axle lines with lockable hydropneumatic suspension and hydraulic axle lock-out. Suspension level control.<br>Range: + 6½" / – 5½".                                                                                                                                |
| <b>Tires:</b>             | 10 tires 14.00 R 25.                                                                                                                                                                                                                                                  |
| <b>Steering:</b>          | Dual-circuit, stand-by steering pump.                                                                                                                                                                                                                                 |
| <b>Brakes:</b>            | Service brake: pneumatic dual-circuit, acting on all wheels, air dryer.<br>Permanent brake: hydraulic retarder, integrated within Allison automatic powershift.<br>Hand brake: pneumatically operated spring-loaded brake acting on 2nd, 3rd, 4th and 5th axle line.  |
| <b>Driver's cab:</b>      | <b>Aluminum</b> , 2-man-design, safety glass, driver's seat with hydraulic suspension, engine hot-water heater.<br>Complete instrumentation and driving controls.                                                                                                     |
| <b>Electrical system:</b> | Three-phase generator 28 V/55 A, 2 batteries 12 V/170 Ah, lighting system and signals 24 V.                                                                                                                                                                           |

## Superstructure

|                              |                                                                                                                                                                                                                                      |
|------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Frame:</b>                | Torsion-resistant welded construction in high strength steel.                                                                                                                                                                        |
| <b>Engine:</b>               | Mercedes-Benz OM 366 A, Diesel, 6 cylinders, water-cooled, 104 kW (141 HP) at 1800 min <sup>-1</sup> . (EG 80/1269 fan rigid). Max. torque: 566 Nm at 1500 – 1600 min <sup>-1</sup> .<br>Tank capacity: 50 gal.                      |
| <b>Hydraulic system:</b>     | 3 separate circuits.<br>Tank capacity: 330 gal hydraulic oil.                                                                                                                                                                        |
| <b>Control system:</b>       | Infinite variation of all crane movements by control levers with automatic reset to zero.                                                                                                                                            |
| <b>Main hoist:</b>           | Rope drum with special grooving and integrated planetary gear with multiple-disk brake and axial piston motor.                                                                                                                       |
| <b>Derricking</b>            | 1 cylinder. Boom angle from –1,5° to +85°.                                                                                                                                                                                           |
| <b>Slewing:</b>              | Vane motor, planetary gear, service brake and holding brake.                                                                                                                                                                         |
| <b>Cab:</b>                  | <b>Aluminium</b> , full vision, safety glass, adjustable operator's seat with hydraulic suspension, motor-dependent hot-water heater. Armrest-integrated crane controls. Ergonomically arranged instrumentation and crane operating. |
| <b>Safety installations:</b> | Hoist and lowering limit switch, pipe beak safety valves, pressure relief valves.                                                                                                                                                    |
| <b>Telescopic boom:</b>      | Welded construction in high strength steel, 1 pivot basic section, 4 telescopic sections.<br>Total boom length 166 ft, hydraulic extension.                                                                                          |
| <b>Electrical system:</b>    | Three-phase generator 28 V/55 A, 2 batteries 12 V/143 Ah.                                                                                                                                                                            |

## Additional equipment

|                             |                                                                                                                                                        |
|-----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Drive/Steering:</b>      | 10 × 8 × 8                                                                                                                                             |
| <b>Steer:</b>               | All-wheel steer.                                                                                                                                       |
| <b>Tires:</b>               | 10 tires, 16.00 R 25/20,5 R 25                                                                                                                         |
| <b>Swing-away lattice:</b>  | 2-stage, stowing alongside boom, 33 – 52 ft + 26 ft insert.                                                                                            |
| <b>Aux. hoist:</b>          | 2nd hoisting gear.                                                                                                                                     |
| <b>Driver's cab/cab:</b>    | Engine-independent heater usable as engine preheater.                                                                                                  |
| <b>Safe load indicator:</b> | Electronic load moment safety device with automatic cut-out and digital display for actual and admissible load, radius and various working conditions. |

Subject to technical modification



# KRUPP Hydraulic Mobile Cranes

## Product Range

| All-Terrain Cranes                                                                           | Max. lifting capacity | Max. hook height |
|----------------------------------------------------------------------------------------------|-----------------------|------------------|
| KMK 2020    | 20 ton                | 92 ft            |
| KMK 2025    | 25 ton                | 125 ft           |
| KMK 3050    | 50 ton                | 177 ft           |
| KMK 4085   | 85 ton                | 185 ft           |
| KMK 4100  | 100 ton               | 190 ft           |
| KMK 5110  | 110 ton               | 215 ft           |
| KMK 5150  | 150 ton               | 245 ft           |
| KMK 5175  | 175 ton               | 269 ft           |
| KMK 6190  | 190 ton               | 361 ft           |
| KMK 6275  | 275 ton               | 364 ft           |
| KMK 7300  | 300 ton               | 336 ft           |



# KRUPP CRANES NORTH AMERICA

210 VANDALE DR. HOUSTON (PITTSBURGH), PA. 15342 PHONE 412-746-9360 · FAX 412-746-9350

PITTSBURGH, PA · HOUSTON, TX · ATLANTA, GA · SEATTLE, WA · TORONTO, ONTARIO

Subject to technical modifications without notice



# KRUPP