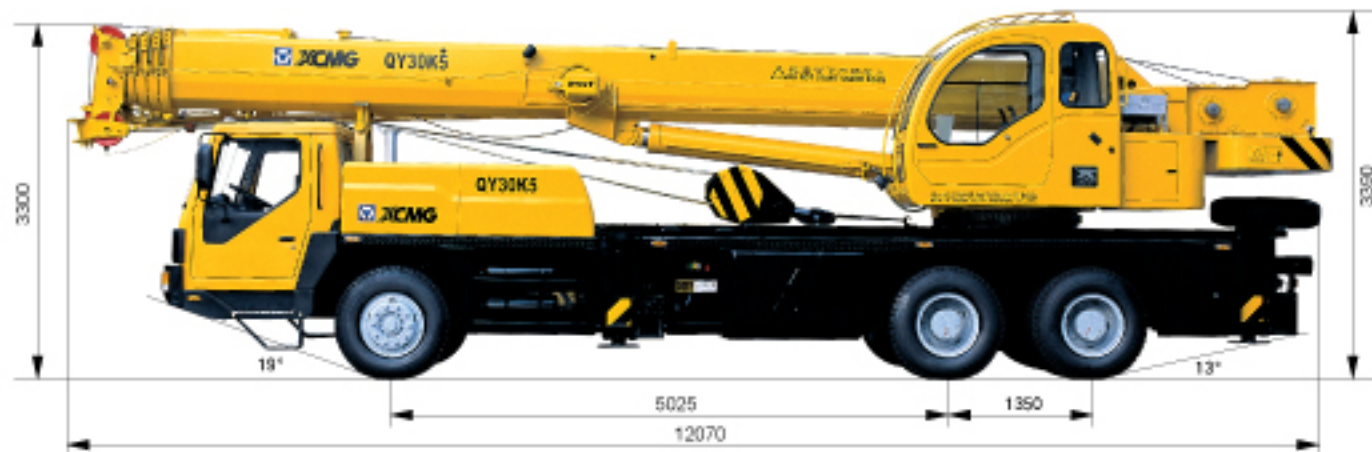


# QY30K5

## FULL HYDRAULIC TRUCK CRANE



|                |         |
|----------------|---------|
| Overall length | 12070mm |
| Overall width  | 2500mm  |
| Overall height | 3390mm  |

|                             |         |
|-----------------------------|---------|
| Dead weight in travel state | 32400kg |
| Axle load                   |         |
| Front axle                  | 7000kg  |
| Rear axle                   | 25400kg |

|                                          |                      |
|------------------------------------------|----------------------|
| Engine model                             |                      |
| Engine rated power(SCL280-2/SC80K280Q3)  | 205kW(r/min)         |
| Engine rated torque(SCL280-3/SC80K280Q3) | 1170(1112)N.m(r/min) |
| Engine rated speed(SCL280-2/SC80K280Q3)  | 2200r/min            |

|                                          |        |
|------------------------------------------|--------|
| Max travel speed                         | 75km/h |
| Min turning diameter                     | 22m    |
| Min ground clearance                     | 291mm  |
| Approach angle                           | 19°    |
| Departure angle                          | 13°    |
| Braking distance(travel speed at 30km/h) | ≤10m   |
| Max gradeability                         | 30%    |
| Fuel consumption of per 100km            | 40L    |

|                                        |           |
|----------------------------------------|-----------|
| Max total rated lifting load           | 30t       |
| Min rated working radius               | 3m        |
| Min swing radius at counterweight tail | 3065mm    |
| Max load moment                        |           |
| Base boom                              | 1025kN.m  |
| Fully-extended boom                    | 460kN.m   |
| Outrigger span                         |           |
| Longitudinal distance/Lateral distance | 5.85/6.0m |
| Lifting height                         |           |
| Base boom                              | 10.1m     |
| Fully-extended boom                    | 38.7m     |
| Fully-extended boom + Jib              | 47.6m     |
| Boom length                            |           |
| Base boom                              | 10.1m     |
| Fully-extended boom                    | 38.5m     |
| Fully-extended boom + Jib              | 46.8m     |

|                                                   |             |
|---------------------------------------------------|-------------|
| Boom raising                                      | 68s         |
| Boom telescoping time                             |             |
| Fully-extending/Fully-retracting                  | 150/140s    |
| Max swing speed                                   | 2.5r/min    |
| Outrigger extending and retracting time           |             |
| Outrigger beam extending/retracting synchronously | 35/30s      |
| Outrigger jack extending/retracting synchronously | 40/35s      |
| Hoisting speed(single line)                       |             |
| Main winch with full load/no load                 | 75/120m/min |
| Auxiliary winch with full load/no load            | 75/120m/min |

### QY30K5 FULL HYDRAULIC TRUCK CRANE

- ◆ Whole machine appearance is harmony and smooth, beautiful and fine, unification of upper and lower, and both practical and good looking.
- ◆ Self-made special truck crane chassis with strong power engine of environmental protection greatly improved overall travel performance.
- ◆ Five-section octagonal all-round telescopic boom has strong lifting capacity, and crane each technical index is advanced in domestic industry.
- ◆ Large box type frame has high torsion resistance, and wide outrigger span improve operation stability.
- ◆ Various operating modes such as fully/half outrigger and single top, etc. extend the use of crane operation.
- ◆ World advanced and newly designed boom system, streamlined boom head and built-in slider efficiently increase boom section joint length and reduce boom lower deflection and side bending.
- ◆ High work efficiency. The main winch uses dual variable displacement system to realize low speed for heavy duty and high speed for light duty, energy saving and high efficiency, and quick elevating and telescoping mechanisms improve work efficiency.
- ◆ Well-equipped safety protection device. The crane is equipped with automatic load moment limiter, overload and over-winding cutout device, which have raised the safety for crane operation.
- ◆ Ergonomically designed two cabs are accord with ISO standard, and air-conditioner in crane superstructure and carrier. The driver's cab is luxury full-width cab, spacious and comfortable, equipped with shock-absorption adjustable seat for reducing harmful shake and easing driver's tiredness. The operator's cab is mounted at right side, all-round streamlined shape, and equipped with LCD display monitor for a clear glance of all operation.

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Materials and specifications are subject to change without notice.



# QY30K5

## HYDRAULIC TRUCK CRANE



|                                     |       |
|-------------------------------------|-------|
| Max. Total Rated Lifting Load       | 30t   |
| Full-extend Boom Lifting Height     | 38.7m |
| Full-extend Boom+Jib Lifting Height | 47.6m |

## QY30K5

## FULL HYDRAULIC TRUCK CRANE

## (Outrigger fully extend 6.0m )

| 10.1 ~ 38.5m Boom(Outrigger fully extend and boom over side or rear)Outrigger span: 6.0m |                      |                   |                       |                      |                   |                       |                      |                   |                       |                      |                   |                       |                      |                   |                       |                      |                   |                       |                      |
|------------------------------------------------------------------------------------------|----------------------|-------------------|-----------------------|----------------------|-------------------|-----------------------|----------------------|-------------------|-----------------------|----------------------|-------------------|-----------------------|----------------------|-------------------|-----------------------|----------------------|-------------------|-----------------------|----------------------|
| Working radius<br>(m)                                                                    | 22.52m               |                   |                       |                      |                   |                       |                      |                   |                       |                      |                   |                       |                      |                   |                       |                      |                   |                       |                      |
|                                                                                          | Lifting Load<br>(kg) | Boom Angle<br>(°) | Lifting Height<br>(m) | Lifting Load<br>(kg) | Boom Angle<br>(°) | Lifting Height<br>(m) | Lifting Load<br>(kg) | Boom Angle<br>(°) | Lifting Height<br>(m) | Lifting Load<br>(kg) | Boom Angle<br>(°) | Lifting Height<br>(m) | Lifting Load<br>(kg) | Boom Angle<br>(°) | Lifting Height<br>(m) | Lifting Load<br>(kg) | Boom Angle<br>(°) | Lifting Height<br>(m) | Lifting Load<br>(kg) |
| 3                                                                                        | 30000                | 67                | 10.1                  | 25000                | 74                | 14.0                  |                      |                   |                       |                      |                   |                       |                      |                   |                       |                      |                   |                       |                      |
| 3.5                                                                                      | 28000                | 64                | 9.9                   | 23500                | 72                | 13.8                  |                      |                   |                       |                      |                   |                       |                      |                   |                       |                      |                   |                       |                      |
| 4                                                                                        | 25300                | 61                | 9.6                   | 21500                | 69                | 13.6                  | 18000                | 74                | 17.4                  |                      |                   |                       |                      |                   |                       |                      |                   |                       |                      |
| 5                                                                                        | 20500                | 54                | 8.9                   | 18500                | 65                | 13.1                  | 15800                | 71                | 17.0                  | 11400                | 76                | 22.6                  | 9500                 | 79                | 28.2                  |                      |                   |                       |                      |
| 6                                                                                        | 16500                | 46                | 7.9                   | 16000                | 60                | 12.5                  | 13000                | 67                | 16.6                  | 10400                | 73                | 22.3                  | 8400                 | 77                | 27.9                  | 6600                 | 80                | 33.4                  |                      |
| 7                                                                                        | 13500                | 37                | 6.7                   | 13000                | 55                | 11.8                  | 11500                | 63                | 16.1                  | 9400                 | 70                | 22.0                  | 7600                 | 75                | 27.6                  | 6000                 | 78                | 33.2                  | 5000                 |
| 8                                                                                        | 10800                | 25                | 4.8                   | 10800                | 49                | 11.0                  | 10900                | 59                | 15.5                  | 8500                 | 68                | 21.5                  | 7300                 | 73                | 27.3                  | 5600                 | 76                | 32.9                  | 4600                 |
| 9                                                                                        |                      |                   |                       | 8700                 | 43                | 9.9                   | 8600                 | 55                | 14.8                  | 7800                 | 65                | 21.0                  | 6600                 | 71                | 26.9                  | 5300                 | 74                | 32.6                  | 4300                 |
| 10                                                                                       |                      |                   |                       | 7200                 | 36                | 8.6                   | 7100                 | 51                | 13.9                  | 7100                 | 62                | 20.5                  | 6100                 | 68                | 26.5                  | 4900                 | 73                | 32.2                  | 4000                 |
| 11                                                                                       |                      |                   |                       | 6000                 | 27                | 6.8                   | 5900                 | 46                | 13.0                  | 6500                 | 59                | 19.9                  | 5600                 | 66                | 26.0                  | 4600                 | 71                | 31.8                  | 3800                 |
| 12                                                                                       |                      |                   |                       |                      |                   |                       | 5000                 | 41                | 11.8                  | 5500                 | 56                | 19.2                  | 5200                 | 64                | 25.5                  | 4300                 | 69                | 31.4                  | 3500                 |
| 13                                                                                       |                      |                   |                       |                      |                   |                       | 4200                 | 36                | 10.5                  | 4800                 | 53                | 18.4                  | 4700                 | 61                | 24.9                  | 4000                 | 67                | 31.0                  | 3370                 |
| 14                                                                                       |                      |                   |                       |                      |                   |                       | 3600                 | 29                | 8.7                   | 4100                 | 49                | 17.5                  | 4200                 | 58                | 24.3                  | 3700                 | 65                | 30.5                  | 3160                 |
| 15                                                                                       |                      |                   |                       |                      |                   |                       | 3000                 | 20                | 6.2                   | 3600                 | 46                | 16.5                  | 3900                 | 56                | 23.6                  | 3400                 | 63                | 29.9                  | 2960                 |
| 16                                                                                       |                      |                   |                       |                      |                   |                       |                      |                   |                       | 3100                 | 42                | 15.4                  | 3500                 | 54                | 22.8                  | 3100                 | 61                | 29.3                  | 2800                 |
| 18                                                                                       |                      |                   |                       |                      |                   |                       |                      |                   |                       | 2400                 | 33                | 12.5                  | 2700                 | 48                | 21.0                  | 2720                 | 57                | 28.0                  | 2550                 |
| 20                                                                                       |                      |                   |                       |                      |                   |                       |                      |                   |                       | 1800                 | 21                | 8.1                   | 2100                 | 42                | 18.9                  | 2300                 | 52                | 26.4                  | 2160                 |
| 22                                                                                       |                      |                   |                       |                      |                   |                       |                      |                   |                       | 1600                 | 35                | 16.2                  | 1800                 | 48                | 24.6                  | 1820                 | 55                | 31.7                  |                      |
| 24                                                                                       |                      |                   |                       |                      |                   |                       |                      |                   |                       | 1200                 | 27                | 12.5                  | 1500                 | 43                | 22.4                  | 1450                 | 52                | 30.0                  |                      |
| 26                                                                                       |                      |                   |                       |                      |                   |                       |                      |                   |                       | 1100                 | 37                | 19.8                  | 1220                 | 47                | 28.1                  |                      |                   |                       |                      |
| 28                                                                                       |                      |                   |                       |                      |                   |                       |                      |                   |                       | 900                  | 30                | 16.4                  | 1000                 | 43                | 25.9                  |                      |                   |                       |                      |
| 30                                                                                       |                      |                   |                       |                      |                   |                       |                      |                   |                       | 600                  | 21                | 11.8                  | 800                  | 38                | 23.3                  |                      |                   |                       |                      |
| 32                                                                                       |                      |                   |                       |                      |                   |                       |                      |                   |                       |                      |                   |                       | 600                  | 26                | 20.2                  |                      |                   |                       |                      |
| Part of line                                                                             | 10                   |                   |                       | 10                   |                   |                       | 6                    |                   |                       | 5                    |                   |                       | 4                    |                   |                       | 3                    |                   |                       | 3                    |

## (Outrigger fully extend 6.0m )

| 10.1 ~ 38.5m Boom(Outrigger fully extend and 360° full swing)Outrigger span: 6.0m |                      |                   |                       |                      |                   |                       |                      |                   |                       |                      |                   |                       |                      |                   |                       |                      |                   |                       |                      |
|-----------------------------------------------------------------------------------|----------------------|-------------------|-----------------------|----------------------|-------------------|-----------------------|----------------------|-------------------|-----------------------|----------------------|-------------------|-----------------------|----------------------|-------------------|-----------------------|----------------------|-------------------|-----------------------|----------------------|
| Working radius<br>(m)                                                             | 22.52m               |                   |                       |                      |                   |                       |                      |                   |                       |                      |                   |                       |                      |                   |                       |                      |                   |                       |                      |
|                                                                                   | Lifting Load<br>(kg) | Boom Angle<br>(°) | Lifting Height<br>(m) | Lifting Load<br>(kg) | Boom Angle<br>(°) | Lifting Height<br>(m) | Lifting Load<br>(kg) | Boom Angle<br>(°) | Lifting Height<br>(m) | Lifting Load<br>(kg) | Boom Angle<br>(°) | Lifting Height<br>(m) | Lifting Load<br>(kg) | Boom Angle<br>(°) | Lifting Height<br>(m) | Lifting Load<br>(kg) | Boom Angle<br>(°) | Lifting Height<br>(m) | Lifting Load<br>(kg) |
| 3                                                                                 | 30000                | 67                | 10.1                  | 25000                | 74                | 14.0                  |                      |                   |                       |                      |                   |                       |                      |                   |                       |                      |                   |                       |                      |
| 3.5                                                                               | 28000                | 64                | 9.9                   | 23500                | 72                | 13.8                  |                      |                   |                       |                      |                   |                       |                      |                   |                       |                      |                   |                       |                      |
| 4                                                                                 | 25300                | 61                | 9.6                   | 21500                | 69                | 13.6                  | 18000                | 74                | 17.4                  |                      |                   |                       |                      |                   |                       |                      |                   |                       |                      |
| 5                                                                                 | 20500                | 54                | 8.9                   | 18500                | 65                | 13.1                  | 15800                | 71                | 17.0                  | 11400                | 76                | 22.6                  | 9500                 | 79                | 28.2                  |                      |                   |                       |                      |
| 6                                                                                 | 16500                | 46                | 7.9                   | 16000                | 60                | 12.5                  | 13000                | 67                | 16.6                  | 10400                | 73                | 22.3                  | 8400                 | 77                | 27.9                  | 6600                 | 80                | 33.4                  |                      |
| 7                                                                                 | 13500                | 37                | 6.7                   | 13000                | 55                | 11.8                  | 11500                | 63                | 16.1                  | 9400                 | 70                | 22.0                  | 7600                 | 75                | 27.6                  | 6000                 | 78                | 33.2                  | 5000                 |
| 8                                                                                 | 10800                | 25                | 4.8                   | 10800                | 49                | 11.0                  | 10900                | 59                | 15.5                  | 8500                 | 68                | 21.5                  | 7300                 | 73                | 27.3                  | 5600                 | 76                | 32.9                  | 4600                 |
| 9                                                                                 |                      |                   |                       | 8700                 | 43                | 9.9                   | 8600                 | 55                | 14.8                  | 7800                 | 65                | 21.0                  | 6600                 | 71                | 26.9                  | 5300                 | 74                | 32.6                  | 4300                 |
| 10                                                                                |                      |                   |                       | 7200                 | 36                | 8.6                   | 7100                 | 51                | 13.9                  | 7100                 | 62                | 20.5                  | 6100                 | 68                | 26.5                  | 4900                 | 73                | 32.2                  | 4000                 |
| 11                                                                                |                      |                   |                       | 6000                 | 27                | 6.8                   | 5900                 | 46                | 13.0                  | 6500                 | 59                | 19.9                  | 5600                 | 66                | 26.0                  | 4600                 | 71                | 31.8                  | 3800                 |
| 12                                                                                |                      |                   |                       |                      |                   |                       | 5000                 | 41                | 11.8                  | 5500                 | 56                | 19.2                  | 5200                 | 64                | 25.5                  | 4300                 | 69                | 31.4                  | 3500                 |
| 13                                                                                |                      |                   |                       |                      |                   |                       | 4200                 | 36                | 10.5                  | 4800                 | 53                | 18.4                  | 4700                 | 61                | 24.9                  | 4000                 | 67                | 31.0                  | 3370                 |
| 14                                                                                |                      |                   |                       |                      |                   |                       | 3600                 | 29                | 8.7                   | 4100                 | 49                | 17.5                  | 4200                 | 58                | 24.3                  | 3700                 | 65                | 30.5                  | 3160                 |
| 15                                                                                |                      |                   |                       |                      |                   |                       | 3000                 | 20                | 6.2                   | 3600                 | 46                | 16.5                  | 3900                 | 56                | 23.6                  | 3400                 | 63                | 29.9                  | 2960                 |
| 16                                                                                |                      |                   |                       |                      |                   |                       |                      |                   |                       | 3100                 | 42                | 15.4                  | 3500                 | 54                | 22.8                  | 3100                 | 61                | 29.3                  | 2800                 |
| 18                                                                                |                      |                   |                       |                      |                   |                       |                      |                   |                       | 2400                 | 33                | 12.5                  | 2700                 | 48                | 21.0                  | 2720                 | 57                | 28.0                  | 2550                 |
| 20                                                                                |                      |                   |                       |                      |                   |                       |                      |                   |                       | 1800                 | 21                | 8.1                   | 2100                 | 42                | 18.9                  | 2300                 | 52                | 26.4                  | 2160                 |
| 22                                                                                |                      |                   |                       |                      |                   |                       |                      |                   |                       | 1600                 | 35                | 16.2                  | 1800                 | 48                | 24.6                  | 1820                 | 55                | 31.7                  |                      |
| 24                                                                                |                      |                   |                       |                      |                   |                       |                      |                   |                       | 1200                 | 27                | 12.5                  | 1500                 | 43                | 22.4                  | 1450                 | 52                | 30.0                  |                      |
| 26                                                                                |                      |                   |                       |                      |                   |                       |                      |                   |                       | 1100                 | 37                | 19.8                  | 1220                 | 47                | 28.1                  |                      |                   |                       |                      |
| 28                                                                                |                      |                   |                       |                      |                   |                       |                      |                   |                       | 900                  | 30                | 16.4                  | 1000                 | 43                | 25.9                  |                      |                   |                       |                      |
| 30                                                                                |                      |                   |                       |                      |                   |                       |                      |                   |                       | 600                  | 21                | 11.8                  | 800                  | 38                | 23.3                  |                      |                   |                       |                      |
| 32                                                                                |                      |                   |                       |                      |                   |                       |                      |                   |                       |                      |                   |                       | 600                  | 26                | 20.2                  |                      |                   |                       |                      |
| Part of line                                                                      | 10                   |                   |                       | 10                   |                   |                       | 6                    |                   |                       | 5                    |                   |                       | 4                    |                   |                       | 3                    |                   |                       | 3                    |

## (Outrigger half extend 4.8m)

| 10.1 ~ 38.5m Boom(Outrigger half extend and 360° full swing)Outrigger span: 4.8m |                      |                   |                       |                      |                   |                       |                      |                   |                       |                      |                   |                       |                      |                   |                       |                      |                   |                       |                      |
|----------------------------------------------------------------------------------|----------------------|-------------------|-----------------------|----------------------|-------------------|-----------------------|----------------------|-------------------|-----------------------|----------------------|-------------------|-----------------------|----------------------|-------------------|-----------------------|----------------------|-------------------|-----------------------|----------------------|
| Working radius<br>(m)                                                            | 22.52m               |                   |                       |                      |                   |                       |                      |                   |                       |                      |                   |                       |                      |                   |                       |                      |                   |                       |                      |
|                                                                                  | Lifting Load<br>(kg) | Boom Angle<br>(°) | Lifting Height<br>(m) | Lifting Load<br>(kg) | Boom Angle<br>(°) | Lifting Height<br>(m) | Lifting Load<br>(kg) | Boom Angle<br>(°) | Lifting Height<br>(m) | Lifting Load<br>(kg) | Boom Angle<br>(°) | Lifting Height<br>(m) | Lifting Load<br>(kg) | Boom Angle<br>(°) | Lifting Height<br>(m) | Lifting Load<br>(kg) | Boom Angle<br>(°) | Lifting Height<br>(m) | Lifting Load<br>(kg) |
| 3                                                                                | 30000                | 67                | 10.1                  | 25000                | 74                | 14.0                  |                      |                   |                       |                      |                   |                       |                      |                   |                       |                      |                   |                       |                      |
| 3.5                                                                              | 28000                | 64                | 9.9                   | 23500                | 72                | 13.8                  |                      |                   |                       |                      |                   |                       |                      |                   |                       |                      |                   |                       |                      |
| 4                                                                                | 25300                | 61                | 9.6                   | 21500                | 69                | 13.6                  | 18000                | 74                | 17.4                  |                      |                   |                       |                      |                   |                       |                      |                   |                       |                      |
| 5                                                                                | 20500                | 54                | 8.9                   | 18500                | 65                | 13.1                  | 15800                | 71                | 17.0                  | 11400                | 76                | 22.6                  | 9500                 | 79                | 28.2                  |                      |                   |                       |                      |
| 6                                                                                | 15400                | 46                | 7.9                   | 15200                | 60                | 12.5                  | 13000                | 67                | 16.6                  | 10400                | 73                | 22.3                  | 8400                 | 77                | 27.9                  | 6600                 | 80                | 33.4                  |                      |
| 7                                                                                | 11400                | 37                | 6.7                   | 11200                | 55                | 11.8                  | 11000                | 63                | 16.1                  | 9400                 | 70                | 22.0                  | 7600                 | 75                | 27.6                  | 6000                 | 78                | 33.2                  | 5000                 |
| 8                                                                                | 8800                 | 25                | 4.8                   | 8700                 | 49                | 11.0                  | 8500                 | 59                | 15.5                  | 8500                 | 68                | 21.5                  | 7300                 | 73                | 27.3                  | 5600                 | 76                | 32.9                  | 4600                 |
| 9                                                                                |                      |                   |                       | 6900                 | 43                | 9.9                   | 6700                 | 55                | 14.8                  | 7300                 | 66                | 21.0                  | 6600                 | 71                | 26.9                  | 5300                 | 74                | 32.6                  | 4300                 |
| 10                                                                               |                      |                   |                       | 5600                 | 36                | 8.6                   | 5400                 | 51                | 13.9                  | 6000                 | 62                | 20.5                  | 6100                 | 68                | 26.5                  | 4900                 | 73                | 32.2                  | 4000                 |
| 11                                                                               |                      |                   |                       | 4500                 | 27                | 6.8                   | 4400                 | 46                | 13.0                  | 5000                 | 59                | 19.9                  | 5300                 | 66                | 26.0                  | 4600                 | 71                | 31.8                  | 3800                 |
| 12                                                                               |                      |                   |                       |                      |                   |                       | 3600                 | 41                | 11.8                  | 4200                 | 56                | 19.2                  | 4500                 | 64                | 25.5                  | 4300                 | 69                | 31.4                  | 3500                 |
| 13                                                                               |                      |                   |                       |                      |                   |                       | 2900                 | 36                | 10.5                  | 3500                 | 53                | 18.4                  | 3900                 | 61                | 24.9                  | 4000                 | 67                | 31.0                  | 3370                 |
| 14                                                                               |                      |                   |                       |                      |                   |                       | 2400                 | 29                | 8.7                   | 3000                 | 49                | 17.5                  | 3300                 | 59                | 24.3                  | 3500                 | 65                | 30.5                  | 3160                 |
| 15                                                                               |                      |                   |                       |                      |                   |                       | 1900                 | 20                | 6.2                   | 2500                 | 46                | 16.5                  | 2800                 | 56                | 23.6                  | 3100                 | 63                | 29.9                  | 2960                 |
| 16                                                                               |                      |                   |                       |                      |                   |                       |                      |                   |                       | 2100                 | 42                | 15.4                  | 2400                 | 54                | 22.8                  | 2700                 | 61                | 29.3                  | 2800                 |
| 18                                                                               |                      |                   |                       |                      |                   |                       |                      |                   |                       | 1500                 | 33                | 12.5                  | 1800                 | 48                | 21.0                  | 2000                 | 57                | 28.0                  | 2200                 |
| 20                                                                               |                      |                   |                       |                      |                   |                       |                      |                   |                       | 1000                 | 21                | 8.1                   | 1300                 | 42                | 18.9                  | 1500                 | 52                | 26.4                  | 1700                 |
| 22                                                                               |                      |                   |                       |                      |                   |                       |                      |                   |                       |                      |                   |                       | 900                  | 35                | 16.2                  | 1100                 | 48                | 24.6                  | 1300                 |
| 24                                                                               |                      |                   |                       |                      |                   |                       |                      |                   |                       |                      |                   |                       |                      |                   |                       | 800                  | 43                | 22.4                  | 900                  |
| 26                                                                               |                      |                   |                       |                      |                   |                       |                      |                   |                       |                      |                   |                       |                      |                   |                       |                      |                   |                       | 700                  |
| Part of line                                                                     | 10                   |                   |                       | 10                   |                   |                       | 6                    |                   |                       | 5                    |                   |                       | 4                    |                   |                       | 3                    |                   |                       | 3                    |

## (Outrigger fully extend)

| Outrigger beam fully extend, 360° full swing |                      |                       |                       |                      |                       |                       |                      |                       |                       |                      |                       |                       |
|----------------------------------------------|----------------------|-----------------------|-----------------------|----------------------|-----------------------|-----------------------|----------------------|-----------------------|-----------------------|----------------------|-----------------------|-----------------------|
| Boom angle<br>(°)                            | (Boom length)38.5m   |                       |                       |                      |                       |                       |                      |                       |                       |                      |                       |                       |
|                                              | (Jib offset)<br>0°   |                       |                       | (Jib offset)<br>15°  |                       |                       | (Jib offset)<br>30°  |                       |                       | (Jib offset)<br>30°  |                       |                       |
|                                              | Lifting Load<br>(kg) | Working radius<br>(m) | Lifting Height<br>(m) | Lifting Load<br>(kg) | Working radius<br>(m) | Lifting Height<br>(m) | Lifting Load<br>(kg) | Working radius<br>(m) | Lifting Height<br>(m) | Lifting Load<br>(kg) | Working radius<br>(m) | Lifting Height<br>(m) |
|                                              |                      |                       |                       |                      |                       |                       |                      |                       |                       |                      |                       |                       |
| 78                                           | 2800                 | 10.7                  | 47.6                  | 2500                 | 12.1                  | 47.2                  | 1900                 | 13.4                  | 46.1                  |                      |                       |                       |
| 75                                           | 2800                 | 13.1                  | 47.3                  | 2400                 | 14.4                  | 46.4                  | 1750                 | 15.6                  | 45.2                  |                      |                       |                       |
| 72                                           | 2750                 | 15.3                  | 46.4                  | 2200                 | 16.7                  | 45.5                  | 1700                 | 17.8                  | 44.2                  |                      |                       |                       |
| 70                                           | 2650                 | 16.8                  | 45.8                  | 2100                 | 18.2                  | 44.8                  | 1600                 | 19.3                  | 43.5                  |                      |                       |                       |
| 65                                           | 2150                 | 20.4                  | 44.1                  | 1800                 | 21.7                  | 42.9                  | 1500                 | 22.7                  | 41.5                  |                      |                       |                       |
| 60                                           | 1800                 | 23.9                  | 42.1                  | 1600                 | 25.1                  | 40.8                  | 1400                 | 26.1                  | 39.2                  |                      |                       |                       |
| 55                                           | 1200                 | 27.2                  | 39.7                  | 1140                 | 28.3                  | 38.3                  | 1050                 | 29.1                  | 36.6                  |                      |                       |                       |
| 50                                           | 800                  | 30.2                  | 37.1                  | 750                  | 31.3                  | 35.6                  | 700                  | 31.9                  | 33.8                  |                      |                       |                       |
| 40                                           | 280                  | 35.6                  | 31.1                  | 200                  | 36.4                  | 29.4                  | 250                  | 36.8                  | 27.6                  |                      |                       |                       |
| Hook block weight                            |                      |                       |                       | 55kg                 |                       |                       |                      |                       |                       |                      |                       |                       |