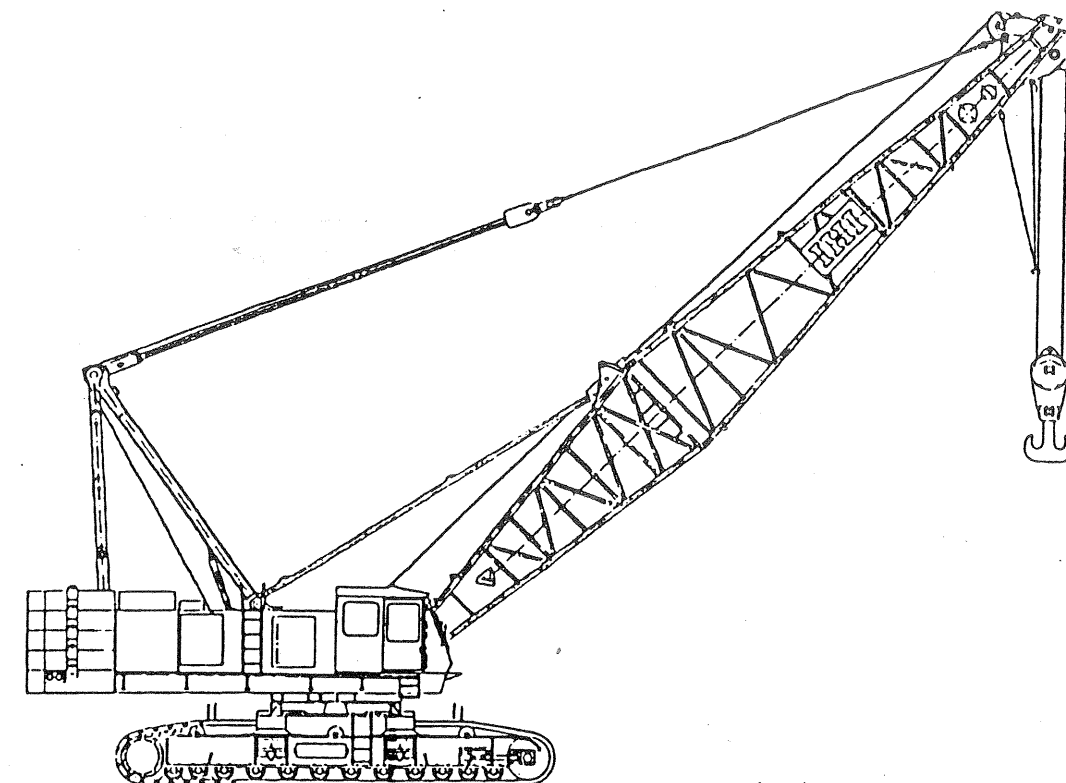


# SPECIFICATIONS

## 2. STANDARD CRANE

### 2 - 1 Outline specification



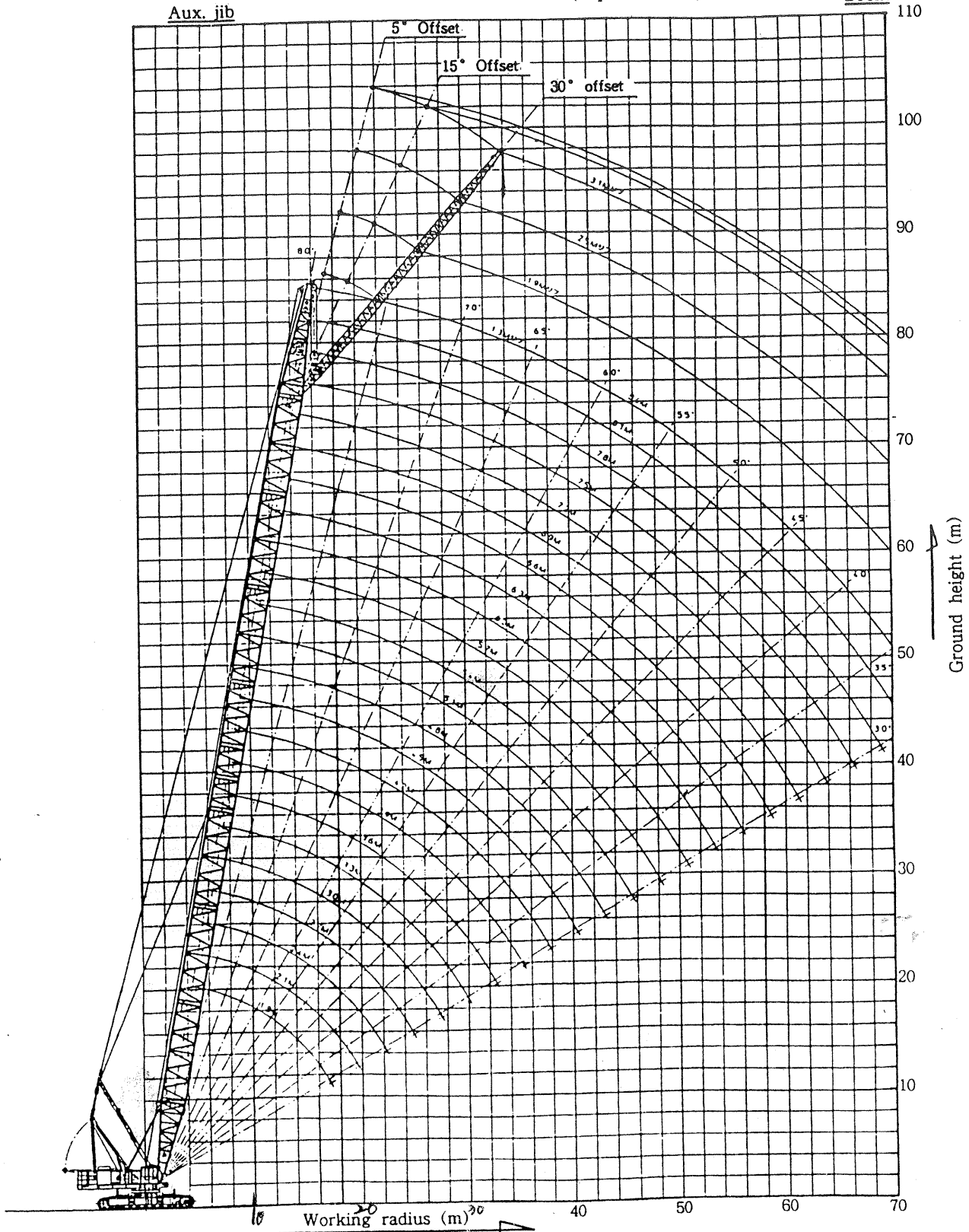
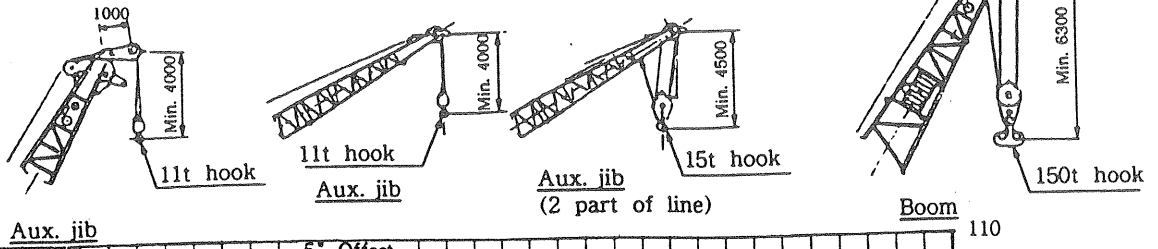
[ ] is shown a 150 ton specifications

|                            |                                              |                                        |                                  |
|----------------------------|----------------------------------------------|----------------------------------------|----------------------------------|
| Lifting capacity           |                                              | Max. lifting load × working radius     | 180 t × 5 m                      |
| Boom length                | Main jib                                     | Basic (inner and outer)                | 18 m (7.5 m + 10.5 m)            |
|                            |                                              | Maximum length                         | 84 m                             |
|                            | Aux. jib                                     | 1.5 m, 13 m, 19 m, 25 m, 31 m          | Relay by 6 m insert              |
|                            | Maximum combination of main jib and aux. jib |                                        | 103 m (72 m + 31 m)              |
| Working range              | Main jib                                     | Working radius                         | 5 m ~ 64 m                       |
|                            |                                              |                                        |                                  |
|                            | Main jib                                     | Max. grounding lifting (81 m main jib) | Approx. 79 m                     |
|                            | Aux. jib                                     | Max. grounding lifting (72 m + 31 m)   | Approx. 100 m                    |
|                            | Main jib                                     | Boom angle                             | 30° ~ 80°                        |
| Number of part of line     | Main hoist                                   | 180 ton hook                           | 1 ~ 18 part of line              |
|                            | Aux. hoist                                   | 15 ton hook                            | 2 parts of line                  |
|                            |                                              | 11 ton hook                            | 1 part of line                   |
|                            | Boom hoisting/lowering                       |                                        | 9 parts of line × 2              |
| Counterweight              |                                              |                                        | Approx. 85 t [56]                |
| Working weight             | Equiped with 18 meters boom and 180 t hook   |                                        | Approx. 181.6 t [153]            |
| Average grounding pressure | Equiped with 18 meters boom and 180 t hook   |                                        | Approx. 1.02 kgf/cm <sup>2</sup> |

[0.86]

# SPECIFICATIONS

## 2 - 2 Working Range



## SPECIFICATIONS

### 2 - 4 Composition of main boom and auxiliary jib

Composition of aux. jib

(Unit : m)

| Type of aux. jib | Composition of aux. jib |           |       |
|------------------|-------------------------|-----------|-------|
|                  | Inner                   | Insert    | Outer |
| 1 m              | 1                       |           |       |
| 13 m             | 4.5                     | 3         | 5.5   |
| 19 m             | 4.5                     | 3 + 6     | 5.5   |
| 25 m             | 4.5                     | 3 + 6 × 2 | 5.5   |
| 31 m             | 4.5                     | 3 + 6 × 3 | 5.5   |

Composition of boom and aux. jib

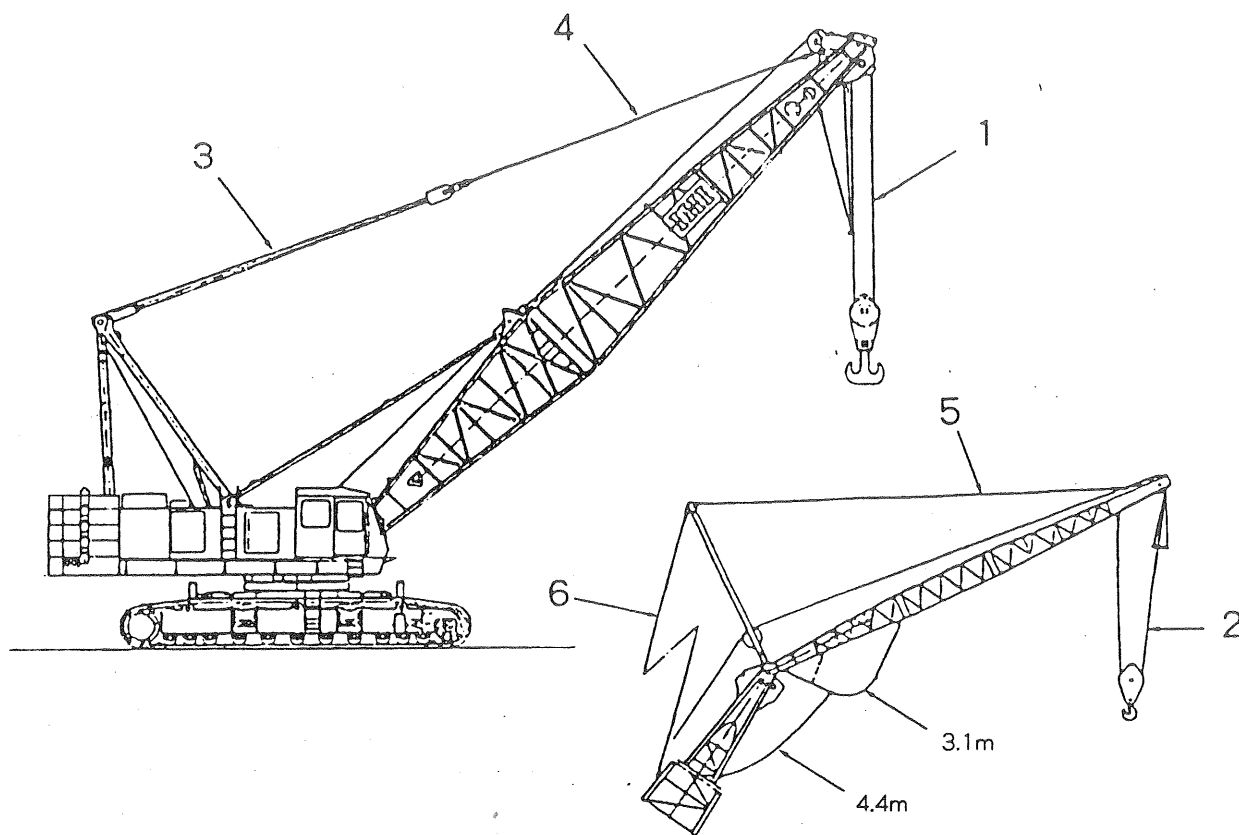
| Aux. jib length<br>(m) | Boom length (m) |       |    |          |
|------------------------|-----------------|-------|----|----------|
|                        | 18~42           | 45~72 | 75 | 78、81、84 |
| 1                      | ○               | ○     | ○  | ◎        |
| 13                     | —               | ○     | —  | —        |
| 19                     | —               | ○     | —  | —        |
| 25                     | —               | ○     | —  | —        |
| 31                     | —               | ○     | —  | —        |

\* The circles indicate that composition is possible, and the dashes indicate that composition is not possible.

When ◎ mark, put the hook block on the ground reach the boom angle at 30.

— 150 ton spec.

2 - 5 Specification of wire ropes



| No. | Wire rope               | Type                                              | Diameter (mm) | Length (m)                   | Breaking strength (t) | Remarks                                                                      |
|-----|-------------------------|---------------------------------------------------|---------------|------------------------------|-----------------------|------------------------------------------------------------------------------|
| 1   | Main hoist              | Toughnuflex<br>19 + 39 × 7                        | 26            | 400                          | 61.0                  | Shipping length                                                              |
| 2   | Auxiliary hoist         |                                                   | 26            | 280                          | 61.0                  | Shipping length                                                              |
| 3   | Boom hoist              | T6 × WS (31) IWRC<br>6 × Fi (29) T IWRC           | 20            | 353                          | 34.1                  | 9 parts of line × 2                                                          |
| 4   | Boom suspension pendant | Toughsuper<br>T IWRC 6 × WS (36)<br>Regular Z lay | 34            | 9.65                         | 104                   | For outer boom                                                               |
|     |                         |                                                   |               | 3.00                         |                       | For 3 m insert boom                                                          |
|     |                         |                                                   |               | 6.00                         |                       | For 6 m insert boom                                                          |
|     |                         |                                                   |               | 9.00                         |                       | For 9 m insert boom                                                          |
|     |                         |                                                   |               | 2.05 + 6.95                  |                       | Insert for 9 m mast                                                          |
| 5   | Aux. jib suspension     | 6 × Fi (29) IWRC<br>regular Z lay                 | 28            | 26.91 (Basic)<br>5.71 (Add.) | 59.7                  | 6m insert. jib add, 5.71m pendant rope is add.                               |
| 6   | Strut suspension        |                                                   | 31.5          | 22.94 (Basic)<br>2.15 (Add.) | 74.9                  | Changing jib offset angle, when 15° add. 2.15m × 1, when 30° add. 2.15m × 2. |
| 7   | Intermediate suspension |                                                   | 20            | 21.85 + 3.7                  | 30.0                  | 3.7m pendant use for inner jib suspension.                                   |

Note 1: The lengths of wire ropes can be set according to the specifications.

Note 2: The boom suspension pendant ropes consist of two ropes each at the left and right, that is, four ropes in total.

# SPECIFICATIONS

## 2 - 6 Rated overall lifting load

(1) 180t standard spec. without mast

Unit : load (tf), angle (degrees)

| Boom leng.(m) | 1 8             |       | 2 1             |       | 2 4             |       | 2 7             |       | 3 0             |       | 3 3             |       | 3 6             |       | 3 9             |       | 4 2             |       |
|---------------|-----------------|-------|-----------------|-------|-----------------|-------|-----------------|-------|-----------------|-------|-----------------|-------|-----------------|-------|-----------------|-------|-----------------|-------|
| Work rud.(m)  | Load            | Angle | Load            | Angle | Load            | Angle | Load            | Angle | Load            | Angle | Load            | Angle | Load            | Angle | Load            | Angle | Load            | Angle |
| 4.8           | 180.0           | 80.0  |                 |       |                 |       |                 |       |                 |       |                 |       |                 |       |                 |       |                 |       |
| 5.0           | 180.0           | 79.5  |                 |       |                 |       |                 |       |                 |       |                 |       |                 |       |                 |       |                 |       |
| 6.0           | 151.0           | 76.0  | 140.0           | 78.0  |                 |       |                 |       |                 |       |                 |       |                 |       |                 |       |                 |       |
| 7.0           | 126.5           | 73.0  | 126.2           | 75.5  | 125.0           | 77.0  | 124.6           | 78.5  |                 |       |                 |       |                 |       |                 |       |                 |       |
| 8.0           | 109.5           | 69.5  | 109.2           | 72.5  | 108.9           | 74.5  | 108.6           | 76.5  | 100.0           | 78.0  | 8.9m<br>x 95.0  | 79.0  |                 |       |                 |       |                 |       |
| 9.0           | 95.5            | 66.0  | 95.2            | 69.5  | 94.9            | 72.0  | 94.6            | 74.5  | 94.3            | 76.0  | 94.0            | 77.0  | 90.0            | 78.5  | 90.0            | 79.0  |                 |       |
| 10.0          | 84.0            | 62.5  | 83.7            | 66.5  | 83.4            | 69.5  | 83.1            | 72.0  | 82.9            | 74.0  | 82.6            | 75.5  | 82.3            | 76.5  | 82.0            | 77.5  | 11.0m<br>x 70.0 | 78.5  |
| 12.0          | 67.6            | 55.0  | 67.3            | 60.5  | 67.0            | 64.5  | 66.7            | 67.5  | 66.4            | 70.0  | 66.1            | 72.0  | 65.8            | 73.5  | 65.6            | 74.5  | 65.3            | 76.0  |
| 14.0          | 56.5            | 46.5  | 56.2            | 54.0  | 55.9            | 59.0  | 55.6            | 63.0  | 55.3            | 65.5  | 55.0            | 68.0  | 54.7            | 70.0  | 54.5            | 71.5  | 54.2            | 73.0  |
| 16.0          | 48.2            | 36.5  | 47.9            | 46.5  | 47.6            | 53.0  | 47.3            | 58.0  | 47.0            | 61.5  | 46.7            | 64.0  | 46.4            | 66.5  | 46.2            | 68.5  | 45.9            | 70.0  |
| 18.0          | 17.1m<br>x 44.5 | 29.0  | 41.2            | 38.5  | 40.9            | 47.0  | 40.6            | 52.5  | 40.3            | 57.0  | 40.0            | 60.5  | 39.7            | 63.0  | 39.5            | 65.0  | 39.2            | 67.0  |
| 20.0          |                 |       | 19.7m<br>x 36.7 | 29.0  | 35.7            | 40.0  | 35.4            | 47.0  | 35.1            | 52.0  | 34.8            | 56.0  | 34.5            | 59.5  | 34.3            | 62.0  | 34.0            | 64.0  |
| 22.0          |                 |       |                 |       | 31.7            | 31.5  | 31.4            | 41.0  | 31.1            | 47.0  | 30.8            | 52.0  | 30.5            | 55.5  | 30.3            | 58.5  | 30.3            | 61.0  |
| 24.0          |                 |       |                 |       | 22.3m<br>x 31.2 | 29.0  | 28.2            | 33.5  | 27.9            | 41.5  | 27.6            | 47.0  | 27.3            | 51.5  | 27.1            | 55.0  | 26.9            | 58.0  |
| 26.0          |                 |       |                 |       |                 |       | 24.9m<br>x 27.1 | 29.5  | 25.3            | 35.5  | 25.0            | 42.0  | 24.7            | 47.5  | 24.5            | 51.5  | 24.3            | 54.5  |
| 28.0          |                 |       |                 |       |                 |       |                 |       | 27.5m<br>x 23.1 | 29.5  | 22.5            | 36.5  | 22.2            | 43.0  | 22.0            | 47.5  | 21.8            | 51.0  |
| 30.0          |                 |       |                 |       |                 |       |                 |       |                 |       | 20.4            | 30.5  | 20.1            | 38.0  | 19.9            | 43.0  | 19.7            | 47.5  |
| 32.0          |                 |       |                 |       |                 |       |                 |       |                 |       | 30.1m<br>x 20.1 | 29.5  | 18.2            | 32.0  | 18.0            | 38.5  | 17.8            | 43.5  |
| 34.0          |                 |       |                 |       |                 |       |                 |       |                 |       |                 |       | 32.7m<br>x 17.7 | 29.5  | 16.6            | 33.5  | 16.4            | 39.5  |
| 36.0          |                 |       |                 |       |                 |       |                 |       |                 |       |                 |       |                 |       | 35.3m<br>x 15.8 | 29.5  | 15.2            | 35.0  |
| 38.0          |                 |       |                 |       |                 |       |                 |       |                 |       |                 |       |                 |       |                 |       | 37.9m<br>x 14.0 | 29.5  |
| 40.0          |                 |       |                 |       |                 |       |                 |       |                 |       |                 |       |                 |       |                 |       |                 |       |

| Boom leng.(m) | 4 5             |       | 4 8             |       | 5 1             |       | 5 4            |       | 5 7             |       | 6 0            |       | 6 3  |       | 6 6  |       |
|---------------|-----------------|-------|-----------------|-------|-----------------|-------|----------------|-------|-----------------|-------|----------------|-------|------|-------|------|-------|
| Work rud.(m)  | Load            | Angle | Load            | Angle | Load            | Angle | Load           | Angle | Load            | Angle | Load           | Angle | Load | Angle | Load | Angle |
| 4.8           |                 |       |                 |       |                 |       |                |       |                 |       |                |       |      |       |      |       |
| 5.0           |                 |       |                 |       |                 |       |                |       |                 |       |                |       |      |       |      |       |
| 6.0           |                 |       |                 |       |                 |       |                |       |                 |       |                |       |      |       |      |       |
| 7.0           |                 |       |                 |       |                 |       |                |       |                 |       |                |       |      |       |      |       |
| 8.0           |                 |       |                 |       |                 |       |                |       |                 |       |                |       |      |       |      |       |
| 9.0           |                 |       |                 |       |                 |       |                |       |                 |       |                |       |      |       |      |       |
| 10.0          |                 | 79.5  |                 |       |                 |       |                |       |                 |       |                |       |      |       |      |       |
| 12.0          | 65.0            | 77.0  | 12.5m<br>x 60.0 | 77.5  |                 | 78.5  |                | 79.0  |                 | 79.5  |                |       |      |       |      |       |
| 14.0          | 53.9            | 74.0  | 53.6            | 75.0  | 50.0            | 76.0  | 50.0           | 77.0  | 15.7m<br>x 45.0 | 77.5  | 45.0           | 78.0  | 45.0 | 78.5  | 42.0 | 79.5  |
| 16.0          | 45.6            | 71.5  | 45.3            | 72.5  | 45.0            | 73.5  | 44.7           | 74.5  | 44.0            | 75.5  | 42.0           | 76.0  | 41.5 | 77.0  | 38.2 | 77.5  |
| 18.0          | 38.9            | 68.5  | 38.6            | 70.0  | 38.3            | 71.5  | 38.0           | 72.5  | 37.7            | 73.5  | 36.2           | 74.0  | 35.6 | 75.0  | 34.9 | 75.5  |
| 20.0          | 33.7            | 66.0  | 33.4            | 67.5  | 33.1            | 69.0  | 32.8           | 70.0  | 32.5            | 71.5  | 32.2           | 72.0  | 32.0 | 73.0  | 31.2 | 74.0  |
| 22.0          | 30.0            | 63.0  | 29.7            | 65.0  | 29.4            | 66.5  | 29.1           | 68.0  | 28.8            | 69.0  | 28.5           | 70.0  | 28.2 | 71.0  | 28.2 | 72.0  |
| 24.0          | 26.6            | 60.0  | 26.3            | 62.5  | 26.0            | 64.0  | 25.7           | 65.5  | 25.4            | 67.0  | 25.1           | 68.0  | 25.0 | 69.0  | 24.9 | 70.0  |
| 26.0          | 24.1            | 57.0  | 23.8            | 59.5  | 23.5            | 61.5  | 23.2           | 63.0  | 22.9            | 64.5  | 22.6           | 66.0  | 22.4 | 67.5  | 22.4 | 68.5  |
| 28.0          | 21.6            | 54.5  | 21.4            | 56.5  | 21.1            | 59.0  | 20.8           | 61.0  | 20.5            | 62.5  | 20.3           | 64.0  | 20.2 | 65.5  | 20.2 | 66.5  |
| 30.0          | 19.5            | 51.0  | 19.3            | 54.0  | 19.0            | 56.0  | 18.7           | 58.5  | 18.5            | 60.0  | 18.4           | 62.0  | 18.3 | 63.5  | 18.3 | 64.5  |
| 32.0          | 17.6            | 47.5  | 17.4            | 50.5  | 17.2            | 53.5  | 17.0           | 56.0  | 16.9            | 58.5  | 16.8           | 59.5  | 16.7 | 61.0  | 16.7 | 62.5  |
| 34.0          | 16.2            | 44.0  | 16.1            | 47.5  | 15.9            | 50.5  | 15.7           | 53.0  | 15.5            | 55.5  | 15.4           | 57.5  | 15.3 | 59.5  | 15.3 | 60.5  |
| 36.0          | 15.0            | 40.0  | 14.8            | 44.0  | 14.6            | 47.5  | 14.4           | 50.5  | 14.2            | 53.0  | 14.1           | 55.0  | 14.1 | 57.0  | 14.0 | 58.5  |
| 38.0          | 13.8            | 36.0  | 13.6            | 40.5  | 13.4            | 44.5  | 13.2           | 47.5  | 13.1            | 50.5  | 13.1           | 52.5  | 13.0 | 54.5  | 12.9 | 56.5  |
| 40.0          | 12.6            | 31.0  | 12.5            | 36.0  | 12.3            | 41.0  | 12.2           | 44.5  | 12.1            | 47.5  | 12.1           | 50.0  | 12.0 | 52.5  | 12.0 | 54.5  |
| 42.0          | 40.5m<br>x 12.4 | 29.5  | 11.7            | 32.5  | 11.5            | 37.5  | 11.4           | 41.5  | 11.3            | 45.0  | 11.3           | 47.5  | 11.1 | 50.0  | 11.0 | 52.5  |
| 44.0          |                 |       | 43.1m<br>x 11.2 | 29.5  | 10.7            | 33.5  | 10.6           | 38.0  | 10.5            | 42.0  | 10.5           | 45.0  | 10.3 | 47.5  | 10.2 | 50.0  |
| 46.0          |                 |       |                 |       | 45.7m<br>x 10.1 | 29.5  | 9.8            | 34.5  | 9.7             | 39.0  | 9.7            | 42.0  | 9.6  | 45.0  | 9.5  | 47.5  |
| 48.0          |                 |       |                 |       |                 |       | 9.1            | 30.5  | 9.0             | 35.5  | 9.0            | 39.5  | 8.9  | 42.5  | 8.8  | 45.5  |
| 50.0          |                 |       |                 |       |                 |       | 48.3m<br>x 9.0 | 29.5  | 8.5             | 31.5  | 8.4            | 36.0  | 8.3  | 39.5  | 8.2  | 43.0  |
| 52.0          |                 |       |                 |       |                 |       |                |       | 50.9m<br>x 8.4  | 30.0  | 7.9            | 32.5  | 7.7  | 37.0  | 7.5  | 40.0  |
| 54.0          |                 |       |                 |       |                 |       |                |       |                 |       | 53.5m<br>x 7.6 | 30.0  | 7.1  | 33.5  | 7.0  | 37.5  |
| 56.0          |                 |       |                 |       |                 |       |                |       |                 |       |                |       | 6.6  | 30.0  | 6.5  | 34.5  |
| 58.0          |                 |       |                 |       |                 |       |                |       |                 |       |                |       |      |       | 6.1  | 31.0  |

# SPECIFICATIONS

(2) 180t standard spec. with mast

Unit : load (tf), angle (degrees)

| Boom leng.(m) | 4 5             |       | 4 8             |       | 5 1             |       | 5 4            |       | 5 7             |       | 6 0            |       | 6 3  |       | 6 6  |       |
|---------------|-----------------|-------|-----------------|-------|-----------------|-------|----------------|-------|-----------------|-------|----------------|-------|------|-------|------|-------|
| Work rad.(m)  | Load            | Angle | Load            | Angle | Load            | Angle | Load           | Angle | Load            | Angle | Load           | Angle | Load | Angle | Load | Angle |
| 12.0          | 65.0            | 77.0  | 12.5m<br>x 60.0 | 77.5  |                 |       |                |       |                 |       |                |       |      |       |      |       |
| 14.0          | 53.9            | 74.0  | 53.6            | 75.0  | 50.0            | 76.0  | 50.0           | 77.0  | 15.7m<br>x 45.0 | 77.5  | 45.0           | 78.0  | 45.0 | 78.5  | 42.0 | 79.5  |
| 16.0          | 46.5            | 71.5  | 45.3            | 72.5  | 45.0            | 73.5  | 44.7           | 74.5  | 44.0            | 75.5  | 42.0           | 76.0  | 41.5 | 77.0  | 38.2 | 77.5  |
| 18.0          | 39.7            | 69.5  | 39.4            | 70.0  | 38.3            | 71.5  | 38.0           | 72.5  | 37.7            | 73.5  | 36.2           | 74.0  | 35.6 | 75.0  | 34.9 | 75.5  |
| 20.0          | 34.4            | 66.0  | 34.1            | 67.5  | 33.8            | 69.0  | 32.8           | 70.0  | 32.5            | 71.5  | 32.2           | 72.0  | 32.0 | 73.0  | 31.2 | 74.0  |
| 22.0          | 30.6            | 63.0  | 30.3            | 65.0  | 30.0            | 66.5  | 29.7           | 68.0  | 29.4            | 69.0  | 28.5           | 70.0  | 28.2 | 71.0  | 28.2 | 72.0  |
| 24.0          | 27.1            | 60.0  | 26.8            | 62.5  | 26.5            | 64.0  | 26.2           | 65.5  | 25.9            | 67.0  | 25.6           | 68.0  | 25.0 | 69.0  | 24.9 | 70.0  |
| 26.0          | 24.6            | 54.0  | 24.3            | 59.5  | 24.0            | 61.5  | 23.7           | 63.0  | 23.4            | 64.5  | 23.1           | 66.0  | 22.8 | 67.5  | 22.8 | 68.5  |
| 28.0          | 22.0            | 52.0  | 21.8            | 56.5  | 21.5            | 59.0  | 21.2           | 61.0  | 20.9            | 62.5  | 20.7           | 64.0  | 20.6 | 65.5  | 20.6 | 66.5  |
| 30.0          | 19.9            | 51.0  | 19.7            | 54.0  | 19.4            | 56.0  | 19.1           | 58.5  | 18.9            | 60.0  | 18.8           | 62.0  | 18.7 | 63.5  | 18.7 | 64.5  |
| 32.0          | 18.0            | 47.5  | 17.7            | 50.5  | 17.5            | 53.5  | 17.3           | 56.0  | 17.2            | 58.0  | 17.1           | 59.5  | 17.0 | 61.0  | 17.0 | 62.5  |
| 34.0          | 16.5            | 44.0  | 16.4            | 47.5  | 16.2            | 50.5  | 16.0           | 53.0  | 15.8            | 55.5  | 15.7           | 57.5  | 15.6 | 59.0  | 15.6 | 60.5  |
| 36.0          | 15.3            | 40.0  | 15.1            | 44.0  | 14.9            | 47.5  | 14.7           | 50.5  | 14.5            | 53.0  | 14.4           | 55.0  | 14.3 | 57.0  | 14.2 | 58.5  |
| 38.0          | 14.1            | 36.0  | 13.9            | 40.5  | 13.7            | 44.5  | 13.5           | 47.5  | 13.4            | 50.5  | 13.4           | 52.5  | 13.3 | 54.5  | 13.2 | 56.5  |
| 40.0          | 12.9            | 31.0  | 12.7            | 36.5  | 12.5            | 41.0  | 12.4           | 44.5  | 12.3            | 47.5  | 12.3           | 50.0  | 12.2 | 52.5  | 12.2 | 54.5  |
| 42.0          | 40.5m<br>x 12.6 | 30.5  | 11.9            | 32.5  | 11.7            | 37.5  | 11.6           | 41.5  | 11.5            | 45.0  | 11.5           | 47.5  | 11.3 | 50.0  | 11.3 | 52.5  |
| 44.0          |                 |       | 43.1m<br>x 11.4 | 30.5  | 10.9            | 33.5  | 10.8           | 38.0  | 10.7            | 42.0  | 10.7           | 45.0  | 10.5 | 47.5  | 10.4 | 50.0  |
| 46.0          |                 |       |                 |       | 45.7m<br>x 10.3 | 30.5  | 10.0           | 34.5  | 9.9             | 39.0  | 9.9            | 42.0  | 9.8  | 45.0  | 9.7  | 47.5  |
| 48.0          |                 |       |                 |       |                 |       | 9.3            | 30.5  | 9.2             | 35.5  | 9.2            | 39.5  | 9.1  | 42.5  | 9.0  | 45.5  |
| 50.0          |                 |       |                 |       |                 |       | 48.3m<br>x 9.2 | 30.0  | 8.7             | 31.5  | 8.6            | 36.0  | 8.5  | 39.5  | 8.4  | 43.0  |
| 52.0          |                 |       |                 |       |                 |       |                |       | 50.9m<br>x 8.6  | 30.5  | 8.1            | 32.5  | 7.9  | 37.0  | 7.7  | 40.0  |
| 54.0          |                 |       |                 |       |                 |       |                |       |                 |       | 53.5m<br>x 7.7 | 29.0  | 7.2  | 33.5  | 7.1  | 37.5  |
| 56.0          |                 |       |                 |       |                 |       |                |       |                 |       |                |       | 6.7  | 30.0  | 6.6  | 34.5  |
| 58.0          |                 |       |                 |       |                 |       |                |       |                 |       |                |       |      |       | 6.2  | 31.0  |

| Boom leng.(m) | 6 9  |       | 7 2  |       | 7 5  |       | 7 8  |       | 8 1  |       | 8 4  |       |
|---------------|------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|
| Work rad.(m)  | Load | Angle | Load | Angle | Load | Angle | Load | Angle | Load | Angle | Load | Angle |
| 12.0          |      |       |      |       |      |       |      |       |      |       |      |       |
| 14.0          | 41.7 | 79.5  |      |       |      |       |      |       |      |       |      |       |
| 16.0          | 37.8 | 78.0  | 34.9 | 78.5  | 34.7 | 79.0  | 28.5 | 79.5  | 21.0 | 80.0  |      |       |
| 18.0          | 34.5 | 76.5  | 29.8 | 77.0  | 29.6 | 77.5  | 26.5 | 78.0  | 20.1 | 78.5  | 19.0 | 79.0  |
| 20.0          | 30.9 | 74.5  | 26.2 | 75.5  | 25.9 | 76.0  | 24.6 | 76.5  | 19.3 | 77.0  | 18.5 | 77.5  |
| 22.0          | 27.2 | 73.0  | 25.0 | 73.5  | 22.6 | 74.5  | 21.7 | 75.0  | 18.7 | 75.5  | 18.0 | 76.0  |
| 24.0          | 24.9 | 71.0  | 24.2 | 72.0  | 22.4 | 72.5  | 20.3 | 73.5  | 18.1 | 74.0  | 17.8 | 74.5  |
| 26.0          | 22.3 | 69.5  | 22.2 | 70.5  | 21.8 | 71.0  | 19.7 | 72.0  | 17.4 | 72.5  | 16.5 | 73.0  |
| 28.0          | 20.1 | 67.5  | 19.9 | 68.5  | 19.8 | 69.5  | 19.1 | 70.5  | 16.8 | 71.0  | 15.3 | 71.5  |
| 30.0          | 18.3 | 66.0  | 18.0 | 67.0  | 17.9 | 68.0  | 17.7 | 68.5  | 16.0 | 69.5  | 14.5 | 70.0  |
| 32.0          | 16.6 | 64.0  | 16.4 | 65.0  | 16.2 | 66.0  | 16.0 | 67.0  | 15.1 | 68.0  | 13.6 | 69.0  |
| 34.0          | 15.2 | 62.0  | 14.9 | 63.5  | 14.8 | 64.5  | 14.6 | 65.5  | 13.9 | 66.5  | 12.4 | 67.5  |
| 36.0          | 14.0 | 60.0  | 13.7 | 61.5  | 13.6 | 62.5  | 13.4 | 64.0  | 12.8 | 65.0  | 11.3 | 66.0  |
| 38.0          | 12.9 | 58.0  | 12.6 | 59.5  | 12.5 | 61.0  | 12.2 | 62.0  | 11.8 | 63.5  | 10.3 | 64.0  |
| 40.0          | 11.9 | 56.0  | 11.6 | 58.0  | 11.4 | 59.0  | 11.2 | 60.5  | 11.0 | 61.5  | 9.5  | 63.0  |
| 42.0          | 10.9 | 54.0  | 10.6 | 56.0  | 10.4 | 57.5  | 10.2 | 59.0  | 10.1 | 60.0  | 8.6  | 61.5  |
| 44.0          | 10.1 | 52.0  | 9.7  | 54.0  | 9.6  | 55.5  | 9.4  | 57.0  | 9.2  | 58.5  | 7.7  | 59.5  |
| 46.0          | 9.4  | 50.0  | 9.1  | 52.0  | 8.9  | 53.5  | 8.7  | 55.5  | 8.5  | 57.0  | 7.0  | 58.0  |
| 48.0          | 8.6  | 47.5  | 8.3  | 50.0  | 8.2  | 52.0  | 8.0  | 53.5  | 7.8  | 55.0  | 6.3  | 56.5  |
| 50.0          | 8.0  | 45.5  | 7.7  | 48.0  | 7.5  | 50.0  | 7.3  | 51.5  | 7.2  | 53.5  | 5.7  | 55.0  |
| 52.0          | 7.4  | 43.0  | 7.1  | 45.5  | 7.0  | 48.0  | 6.8  | 50.0  | 6.6  | 51.5  | 5.1  | 53.0  |
| 54.0          | 6.9  | 40.5  | 6.6  | 43.5  | 6.4  | 45.5  | 6.2  | 48.0  | 6.1  | 49.5  | 4.6  | 51.5  |
| 56.0          | 6.4  | 38.0  | 6.1  | 41.0  | 5.9  | 43.5  | 5.6  | 46.0  | 5.5  | 48.0  | 4.0  | 49.5  |
| 58.0          | 6.0  | 35.0  | 5.6  | 39.5  | 5.4  | 41.0  | 5.1  | 43.5  | 5.0  | 46.0  | 3.5  | 48.0  |
| 60.0          | 5.5  | 32.0  | 5.2  | 35.5  | 5.0  | 39.0  | 4.7  | 41.5  | 4.5  | 44.0  | 3.0  | 46.0  |
| 62.0          | 5.1  | 28.5  | 4.7  | 33.0  | 4.5  | 36.5  | 4.3  | 39.0  | 4.1  | 42.0  | 2.6  | 44.0  |
| 64.0          |      |       | 4.3  | 30.5  | 4.1  | 34.0  | 3.9  | 37.0  | 3.7  | 40.0  | 2.2  | 40.5  |

# SPECIFICATIONS

(3) Aux.jib rated overall lifting load (180 ton spec. without mast)

Unit : load (tf),  
angle (degrees)

| Boom leng.(m)                   | 45         |            |            |            |            |           |           |           |           |           |           |           |
|---------------------------------|------------|------------|------------|------------|------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| Aux. jib leng.(m)               | 13         |            |            | 19         |            |           | 25        |           |           | 31        |           |           |
| Jib offset ang.<br>Work rad.(m) | 5°         | 15°        | 30°        | 5°         | 15°        | 30°       | 5°        | 15°       | 30°       | 5°        | 15°       | 30°       |
| 12.0                            | 15.0×13.6m |            |            |            |            |           |           |           |           |           |           |           |
| 14.0                            | 15.0       | 13.0×15.7m |            | 12.0×15.8m |            |           |           |           |           |           |           |           |
| 16.0                            | 15.0       | 13.0       |            | 12.0       |            |           | 8.0×17.5m |           |           |           |           |           |
| 18.0                            | 15.0       | 13.0       | 12.0×18.3m | 12.0       | 10.0×17.5m |           | 8.0       |           |           | 4.0×18.6m |           |           |
| 20.0                            | 15.0       | 13.0       | 12.0       | 12.0       | 10.0       |           | 8.0       |           |           | 4.0       |           |           |
| 22.0                            | 15.0       | 13.0       | 12.0       | 12.0       | 10.0       | 8.0×23.0m | 8.0       | 7.0×22.2m |           | 4.0       |           |           |
| 24.0                            | 15.0       | 13.0       | 12.0       | 12.0       | 10.0       | 8.0       | 8.0       | 7.0       |           | 4.0       | 3.5×24.5m |           |
| 26.0                            | 15.0       | 13.0       | 12.0       | 12.0       | 10.0       | 8.0       | 8.0       | 7.0       | 6.0×27.0m | 4.0       | 3.5       |           |
| 28.0                            | 15.0       | 13.0       | 12.0       | 12.0       | 10.0       | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       |           |
| 30.0                            | 15.0       | 13.0       | 12.0       | 12.0       | 10.0       | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0×30.5m |
| 32.0                            | 15.0       | 13.0       | 12.0       | 12.0       | 10.0       | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0       |
| 34.0                            | 15.0       | 13.0       | 12.0       | 12.0       | 10.0       | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0       |
| 36.0                            | 15.0       | 13.0       | 12.0       | 12.0       | 10.0       | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0       |
| 38.0                            | 13.8       | 13.0       | 12.0       | 12.0       | 10.0       | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0       |
| 40.0                            | 12.6       | 12.6       | 12.0       | 12.0       | 10.0       | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0       |
| 42.0                            | 12.4×40.5m | 12.4×40.5m | 12.2×40.5m | 12.0×40.5m | 10.0×40.5m | 8.0×40.5m | 8.0×40.5m | 7.0×40.5m | 6.0×40.5m | 4.0×40.5m | 3.5×40.5m | 3.0×40.5m |
| 44.0                            |            |            |            |            |            |           |           |           |           |           |           |           |

| Boom leng.(m)                   | 48         |            |            |            |            |           |           |           |           |           |           |           |
|---------------------------------|------------|------------|------------|------------|------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| Aux. jib leng.(m)               | 13         |            |            | 19         |            |           | 25        |           |           | 31        |           |           |
| Jib offset ang.<br>Work rad.(m) | 5°         | 15°        | 30°        | 5°         | 15°        | 30°       | 5°        | 15°       | 30°       | 5°        | 15°       | 30°       |
| 12.0                            |            |            |            |            |            |           |           |           |           |           |           |           |
| 14.0                            | 15.0       |            |            |            |            |           |           |           |           |           |           |           |
| 16.0                            | 15.0       | 13.0×10.3m |            | 12.0×16.3m |            |           |           |           |           |           |           |           |
| 18.0                            | 15.0       | 13.0       | 12.0×18.5m | 12.0       |            |           |           |           |           |           |           |           |
| 20.0                            | 15.0       | 13.0       | 12.0       | 12.0       |            |           | 8.0×20.2m |           |           | 4.0×21.5m |           |           |
| 22.0                            | 15.0       | 13.0       | 12.0       | 12.0       | 10.0       |           | 8.0       |           |           | 4.0       |           |           |
| 24.0                            | 15.0       | 13.0       | 12.0       | 12.0       | 10.0       | 8.0×25.5m | 8.0       | 7.0×24.2m |           | 4.0       |           |           |
| 26.0                            | 15.0       | 13.0       | 12.0       | 12.0       | 10.0       | 8.0       | 8.0       | 7.0       |           | 4.0       | 3.5×27.4m |           |
| 28.0                            | 15.0       | 13.0       | 12.0       | 12.0       | 10.0       | 8.0       | 8.0       | 7.0       | 6.0×29.5m | 4.0       | 3.5       |           |
| 30.0                            | 15.0       | 13.0       | 12.0       | 12.0       | 10.0       | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       |           |
| 32.0                            | 15.0       | 13.0       | 12.0       | 12.0       | 10.0       | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0×33.1m |
| 34.0                            | 15.0       | 13.0       | 12.0       | 12.0       | 10.0       | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0       |
| 36.0                            | 14.8       | 13.0       | 12.0       | 12.0       | 10.0       | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0       |
| 38.0                            | 13.6       | 13.0       | 12.0       | 12.0       | 10.0       | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0       |
| 40.0                            | 12.5       | 12.5       | 12.0       | 12.0       | 10.0       | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0       |
| 42.0                            | 11.7       | 11.7       | 11.7       | 11.7       | 10.0       | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0       |
| 44.0                            | 11.2×43.1m | 11.2×43.1m | 11.2×43.1m | 11.2×43.1m | 10.0×43.1m | 8.0×43.1m | 8.0×43.1m | 7.0×43.1m | 6.0×43.1m | 4.0×43.1m | 3.5×43.1m | 3.0×43.1m |

| Boom leng.(m)                   | 51         |            |            |            |            |           |           |           |           |           |           |           |
|---------------------------------|------------|------------|------------|------------|------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| Aux. jib leng.(m)               | 13         |            |            | 19         |            |           | 25        |           |           | 31        |           |           |
| Jib offset ang.<br>Work rad.(m) | 5°         | 15°        | 30°        | 5°         | 15°        | 30°       | 5°        | 15°       | 30°       | 5°        | 15°       | 30°       |
| 12.0                            |            |            |            |            |            |           |           |           |           |           |           |           |
| 14.0                            | 15.0×15.8m |            |            |            |            |           |           |           |           |           |           |           |
| 16.0                            | 15.0       |            |            |            |            |           |           |           |           |           |           |           |
| 18.0                            | 15.0       | 13.0×18.2m |            | 12.0×18.1m |            |           | 8.0×19.9m |           |           |           |           |           |
| 20.0                            | 15.0       | 13.0       | 12.0×20.5m | 12.0       | 10.0×21.7m |           | 8.0       |           |           | 4.0×21.1m |           |           |
| 22.0                            | 15.0       | 13.0       | 12.0       | 12.0       | 10.0       |           | 8.0       |           |           | 4.0       |           |           |
| 24.0                            | 15.0       | 13.0       | 12.0       | 12.0       | 10.0       | 8.0×25.3m | 8.0       | 7.0×24.6m |           | 4.0       |           |           |
| 26.0                            | 15.0       | 13.0       | 12.0       | 12.0       | 10.0       | 8.0       | 8.0       | 7.0       |           | 4.0       | 3.5×27.5m |           |
| 28.0                            | 15.0       | 13.0       | 12.0       | 12.0       | 10.0       | 8.0       | 8.0       | 7.0       | 6.0×29.3m | 4.0       | 3.5       |           |
| 30.0                            | 15.0       | 13.0       | 12.0       | 12.0       | 10.0       | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       |           |
| 32.0                            | 15.0       | 13.0       | 12.0       | 12.0       | 10.0       | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0×32.9m |
| 34.0                            | 15.0       | 13.0       | 12.0       | 12.0       | 10.0       | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0       |
| 36.0                            | 14.6       | 13.0       | 12.0       | 12.0       | 10.0       | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0       |
| 38.0                            | 13.4       | 13.0       | 12.0       | 12.0       | 10.0       | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0       |
| 40.0                            | 12.3       | 12.3       | 12.0       | 12.0       | 10.0       | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0       |
| 42.0                            | 11.5       | 11.5       | 11.5       | 11.5       | 10.0       | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0       |
| 44.0                            | 10.7       | 10.7       | 10.7       | 10.7       | 10.0       | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0       |
| 46.0                            | 10.1×45.7m | 10.1×45.7m | 10.1×45.7m | 10.1×45.7m | 10.0×45.7m | 8.0×45.7m | 8.0×45.7m | 7.0×45.7m | 6.0×45.7m | 4.0×45.7m | 3.5×45.7m | 3.0×45.7m |
| 48.0                            |            |            |            |            |            |           |           |           |           |           |           |           |
| 50.0                            |            |            |            |            |            |           |           |           |           |           |           |           |

# SPECIFICATIONS

| 5 4                             |            |           |            |            |            |           |           |           |           |           |           |           |
|---------------------------------|------------|-----------|------------|------------|------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| Boom leng.(m)                   | 1 3        |           |            | 1 9        |            |           | 2 5       |           |           | 3 1       |           |           |
| Aux. jib leng.(m)               |            |           |            |            |            |           |           |           |           |           |           |           |
| Jib offset ang.<br>Work rad.(m) | 5 °        | 15 °      | 30 °       | 5 °        | 15 °       | 30 °      | 5 °       | 15 °      | 30 °      | 5 °       | 15 °      | 30 °      |
| 12.0                            |            |           |            |            |            |           |           |           |           |           |           |           |
| 14.0                            | 15.0×15.7m |           |            |            |            |           |           |           |           |           |           |           |
| 16.0                            | 15.0       |           |            | 12.0×17.9m |            |           |           |           |           |           |           |           |
| 18.0                            | 15.0       | 13.0      |            | 12.0       |            |           | 8.0×19.6m |           |           |           |           |           |
| 20.0                            | 15.0       | 13.0      | 12.0×20.4m | 12.0       |            |           | 8.0       |           |           | 4.0×20.8m |           |           |
| 22.0                            | 15.0       | 13.0      | 12.0       | 12.0       | 10.0×21.5m |           | 8.0       |           |           | 4.0       |           |           |
| 24.0                            | 15.0       | 13.0      | 12.0       | 12.0       | 10.0       | 8.0×25.1m | 8.0       | 7.0×24.4m |           | 4.0       |           |           |
| 26.0                            | 15.0       | 13.0      | 12.0       | 12.0       | 10.0       | 8.0       | 8.0       | 7.0       |           | 4.0       | 3.5×26.7m |           |
| 28.0                            | 15.0       | 13.0      | 12.0       | 12.0       | 10.0       | 8.0       | 8.0       | 7.0       | 6.0×29.1m | 4.0       | 3.5       |           |
| 30.0                            | 15.0       | 13.0      | 12.0       | 12.0       | 10.0       | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       |           |
| 32.0                            | 15.0       | 13.0      | 12.0       | 12.0       | 10.0       | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0×32.7m |
| 34.0                            | 15.0       | 13.0      | 12.0       | 12.0       | 10.0       | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0       |
| 36.0                            | 14.4       | 13.0      | 12.0       | 12.0       | 10.0       | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0       |
| 38.0                            | 13.2       | 13.0      | 12.0       | 12.0       | 10.0       | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0       |
| 40.0                            | 12.2       | 12.2      | 12.0       | 12.0       | 10.0       | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0       |
| 42.0                            | 11.4       | 11.4      | 11.4       | 11.4       | 10.0       | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0       |
| 44.0                            | 10.6       | 10.6      | 10.6       | 10.6       | 10.0       | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0       |
| 46.0                            | 9.8        | 9.8       | 9.8        | 9.8        | 9.8        | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0       |
| 48.0                            | 9.1        | 9.1       | 9.1        | 9.1        | 9.1        | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0       |
| 50.0                            | 9.0×48.3m  | 9.0×48.3m | 9.0×48.3m  | 9.0×48.3m  | 9.0×48.3m  | 8.0×48.3m | 8.0×48.3m | 7.0×48.3m | 6.0×48.3m | 4.0×48.3m | 3.5×48.3m | 3.0×48.3m |

| 5 7                             |            |            |            |            |            |           |           |           |           |           |           |           |
|---------------------------------|------------|------------|------------|------------|------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| Boom leng.(m)                   | 1 3        |            |            | 1 9        |            |           | 2 5       |           |           | 3 1       |           |           |
| Aux. jib leng.(m)               |            |            |            |            |            |           |           |           |           |           |           |           |
| Jib offset ang.<br>Work rad.(m) | 5 °        | 15 °       | 30 °       | 5 °        | 15 °       | 30 °      | 5 °       | 15 °      | 30 °      | 5 °       | 15 °      | 30 °      |
| 14.0                            | 15.0×15.0m |            |            |            |            |           |           |           |           |           |           |           |
| 16.0                            | 15.0       | 13.0×17.0m |            | 12.0×17.7m |            |           |           |           |           |           |           |           |
| 18.0                            | 15.0       | 13.0       |            | 12.0       |            |           | 8.0×19.4m |           |           |           |           |           |
| 20.0                            | 15.0       | 13.0       | 12.0×20.3m | 12.0       | 10.0×21.4m |           | 8.0       |           |           | 4.0×20.5m |           |           |
| 22.0                            | 15.0       | 13.0       | 12.0       | 12.0       | 10.0       |           | 8.0       |           |           | 4.0       |           |           |
| 24.0                            | 15.0       | 13.0       | 12.0       | 12.0       | 10.0       | 8.0×25.0m | 8.0       | 7.0×24.1m |           | 4.0       |           |           |
| 26.0                            | 15.0       | 13.0       | 12.0       | 12.0       | 10.0       | 8.0       | 8.0       | 7.0       |           | 4.0       | 3.5×20.4m |           |
| 28.0                            | 15.0       | 13.0       | 12.0       | 12.0       | 10.0       | 8.0       | 8.0       | 7.0       | 6.0×28.9m | 4.0       | 3.5       |           |
| 30.0                            | 15.0       | 13.0       | 12.0       | 12.0       | 10.0       | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       |           |
| 32.0                            | 15.0       | 13.0       | 12.0       | 12.0       | 10.0       | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0×32.4m |
| 34.0                            | 15.0       | 13.0       | 12.0       | 12.0       | 10.0       | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0       |
| 36.0                            | 14.2       | 13.0       | 12.0       | 12.0       | 10.0       | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0       |
| 38.0                            | 13.1       | 13.0       | 12.0       | 12.0       | 10.0       | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0       |
| 40.0                            | 12.1       | 12.1       | 12.0       | 12.0       | 10.0       | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0       |
| 42.0                            | 11.3       | 11.3       | 11.3       | 11.3       | 10.0       | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0       |
| 44.0                            | 10.5       | 10.5       | 10.5       | 10.5       | 10.0       | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0       |
| 46.0                            | 9.7        | 9.7        | 9.7        | 9.7        | 9.7        | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0       |
| 48.0                            | 9.0        | 9.0        | 9.0        | 9.0        | 9.0        | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0       |
| 50.0                            | 8.5        | 8.5        | 8.5        | 8.5        | 8.5        | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0       |
| 52.0                            | 8.4×50.9m  | 8.4×50.9m  | 8.4×50.9m  | 8.4×50.9m  | 8.4×50.9m  | 8.0×50.9m | 8.0×50.9m | 7.0×50.9m | 6.0×50.9m | 4.0×50.9m | 3.5×50.9m | 3.0×50.9m |
| 54.0                            |            |            |            |            |            |           |           |           |           |           |           |           |

| 6 0                             |            |            |            |            |            |           |           |           |           |           |           |           |
|---------------------------------|------------|------------|------------|------------|------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| Boom leng.(m)                   | 1 3        |            |            | 1 9        |            |           | 2 5       |           |           | 3 1       |           |           |
| Aux. jib leng.(m)               |            |            |            |            |            |           |           |           |           |           |           |           |
| Jib offset ang.<br>Work rad.(m) | 5 °        | 15 °       | 30 °       | 5 °        | 15 °       | 30 °      | 5 °       | 15 °      | 30 °      | 5 °       | 15 °      | 30 °      |
| 14.0                            |            |            |            |            |            |           |           |           |           |           |           |           |
| 16.0                            | 15.0×17.9m |            |            |            |            |           |           |           |           |           |           |           |
| 18.0                            | 15.0       |            |            |            |            |           |           |           |           |           |           |           |
| 20.0                            | 15.0       | 13.0×20.2m |            | 12.0×20.2m |            |           |           |           |           |           |           |           |
| 22.0                            | 15.0       | 13.0       | 12.0×22.5m | 12.0       | 10.0×23.8m |           | 8.0×22.0m |           |           | 4.0×23.2m |           |           |
| 24.0                            | 15.0       | 13.0       | 12.0       | 12.0       | 10.0       |           | 8.0       |           |           | 4.0       |           |           |
| 26.0                            | 15.0       | 13.0       | 12.0       | 12.0       | 10.0       | 8.0×27.3m | 8.0       | 7.0×20.7m |           | 4.0       |           |           |
| 28.0                            | 15.0       | 13.0       | 12.0       | 12.0       | 10.0       | 8.0       | 8.0       | 7.0       |           | 4.0       | 3.5×29.1m |           |
| 30.0                            | 15.0       | 13.0       | 12.0       | 12.0       | 10.0       | 8.0       | 8.0       | 7.0       | 6.0×31.4m | 4.0       | 3.5       |           |
| 32.0                            | 15.0       | 13.0       | 12.0       | 12.0       | 10.0       | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       |           |
| 34.0                            | 15.0       | 13.0       | 12.0       | 12.0       | 10.0       | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0×35.0m |
| 36.0                            | 14.1       | 13.0       | 12.0       | 12.0       | 10.0       | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0       |
| 38.0                            | 13.1       | 13.0       | 12.0       | 12.0       | 10.0       | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0       |
| 40.0                            | 12.1       | 12.1       | 12.0       | 12.0       | 10.0       | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0       |
| 42.0                            | 11.3       | 11.3       | 11.3       | 11.3       | 10.0       | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0       |
| 44.0                            | 10.5       | 10.5       | 10.5       | 10.5       | 10.0       | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0       |
| 46.0                            | 9.7        | 9.7        | 9.7        | 9.7        | 9.7        | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0       |
| 48.0                            | 9.0        | 9.0        | 9.0        | 9.0        | 9.0        | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0       |
| 50.0                            | 8.4        | 8.4        | 8.4        | 8.4        | 8.4        | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0       |
| 52.0                            | 7.9        | 7.9        | 7.9        | 7.9        | 7.9        | 7.9       | 7.9       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0       |
| 54.0                            | 7.6×53.5m  | 7.6×53.5m  | 7.6×53.5m  | 7.6×53.5m  | 7.6×53.5m  | 7.6×53.5m | 7.6×53.5m | 7.0×53.5m | 6.0×53.5m | 4.0×53.5m | 3.5×53.5m | 3.0×53.5m |

# SPECIFICATIONS

Unit : load (tf), angle (degrees)

| Boom leng.(m)                   | 63         |            |            |      |            |           |           |           |           |           |           |           |
|---------------------------------|------------|------------|------------|------|------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| Aux. jib leng.(m)               | 13         |            |            | 19   |            |           | 25        |           |           | 31        |           |           |
| Jib offset ang.<br>Work rad.(m) | 5°         | 15°        | 30°        | 5°   | 15°        | 30°       | 5°        | 15°       | 30°       | 5°        | 15°       | 30°       |
| 16.0                            | 15.0×17.8m |            |            |      |            |           |           |           |           |           |           |           |
| 18.0                            | 15.0       |            |            |      |            |           |           |           |           |           |           |           |
| 20.0                            | 15.0       | 13.0×20.1m |            |      |            |           | 8.0×21.7m |           |           |           |           |           |
| 22.0                            | 15.0       | 13.0       | 12.0×22.4m | 12.0 | 10.0×23.6m |           | 8.0       |           |           | 4.0×22.9m |           |           |
| 24.0                            | 15.0       | 13.0       | 12.0       | 12.0 | 10.0       |           | 8.0       |           |           | 4.0       |           |           |
| 26.0                            | 15.0       | 13.0       | 12.0       | 12.0 | 10.0       | 8.0×27.2m | 8.0       | 7.0×26.5m |           | 4.0       |           |           |
| 28.0                            | 15.0       | 13.0       | 12.0       | 12.0 | 10.0       | 8.0       | 8.0       | 7.0       |           | 4.0       | 3.5×28.8m |           |
| 30.0                            | 15.0       | 13.0       | 12.0       | 12.0 | 10.0       | 8.0       | 8.0       | 7.0       | 6.0×31.2m | 4.0       | 3.5       |           |
| 32.0                            | 15.0       | 13.0       | 12.0       | 12.0 | 10.0       | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       |           |
| 34.0                            | 15.0       | 13.0       | 12.0       | 12.0 | 10.0       | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0×34.8m |
| 36.0                            | 14.1       | 13.0       | 12.0       | 12.0 | 10.0       | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0       |
| 38.0                            | 13.0       | 13.0       | 12.0       | 12.0 | 10.0       | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0       |
| 40.0                            | 12.0       | 12.0       | 12.0       | 12.0 | 10.0       | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0       |
| 42.0                            | 11.1       | 11.1       | 11.1       | 11.1 | 10.0       | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0       |
| 44.0                            | 10.3       | 10.3       | 10.3       | 10.3 | 10.0       | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0       |
| 46.0                            | 9.6        | 9.6        | 9.6        | 9.6  | 9.6        | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0       |
| 48.0                            | 8.9        | 8.9        | 8.9        | 8.9  | 8.9        | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0       |
| 50.0                            | 8.3        | 8.3        | 8.3        | 8.3  | 8.3        | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0       |
| 52.0                            | 7.7        | 7.7        | 7.7        | 7.7  | 7.7        | 7.7       | 7.7       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0       |
| 54.0                            | 7.1        | 7.1        | 7.1        | 7.1  | 7.1        | 7.1       | 7.1       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0       |
| 56.0                            | 6.6        | 6.6        | 6.6        | 6.6  | 6.6        | 6.6       | 6.6       | 6.6       | 6.0       | 4.0       | 3.5       | 3.0       |
| 58.0                            |            |            |            |      |            |           |           |           |           |           |           |           |

| Boom leng.(m)                   | 66         |      |            |            |            |           |           |           |           |           |           |           |
|---------------------------------|------------|------|------------|------------|------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| Aux. jib leng.(m)               | 13         |      |            | 19         |            |           | 25        |           |           | 31        |           |           |
| Jib offset ang.<br>Work rad.(m) | 5°         | 15°  | 30°        | 5°         | 15°        | 30°       | 5°        | 15°       | 30°       | 5°        | 15°       | 30°       |
| 16.0                            | 15.0×17.7m |      |            |            |            |           |           |           |           |           |           |           |
| 18.0                            | 15.0       |      |            | 12.0×19.8m |            |           |           |           |           |           |           |           |
| 20.0                            | 15.0       | 13.0 |            | 12.0       |            |           | 8.0×21.5m |           |           |           |           |           |
| 22.0                            | 15.0       | 13.0 | 12.0×22.3m | 12.0       | 10.0×23.5m |           | 8.0       |           |           | 4.0×22.7m |           |           |
| 24.0                            | 15.0       | 13.0 | 12.0       | 12.0       | 10.0       |           | 8.0       |           |           | 4.0       |           |           |
| 26.0                            | 15.0       | 13.0 | 12.0       | 12.0       | 10.0       | 8.0×27.1m | 8.0       | 7.0×26.3m |           | 4.0       |           |           |
| 28.0                            | 15.0       | 13.0 | 12.0       | 12.0       | 10.0       | 8.0       | 8.0       | 7.0       |           | 4.0       | 3.5×28.6m |           |
| 30.0                            | 15.0       | 13.0 | 12.0       | 12.0       | 10.0       | 8.0       | 8.0       | 7.0       | 6.0×31.0m | 4.0       | 3.5       |           |
| 32.0                            | 15.0       | 13.0 | 12.0       | 12.0       | 10.0       | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       |           |
| 34.0                            | 15.0       | 13.0 | 12.0       | 12.0       | 10.0       | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0×35.0m |
| 36.0                            | 14.0       | 13.0 | 12.0       | 12.0       | 10.0       | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0       |
| 38.0                            | 12.9       | 12.9 | 12.0       | 12.0       | 10.0       | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0       |
| 40.0                            | 12.0       | 12.0 | 12.0       | 12.0       | 10.0       | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0       |
| 42.0                            | 11.0       | 11.0 | 11.0       | 11.0       | 10.0       | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0       |
| 44.0                            | 10.2       | 10.2 | 10.2       | 10.2       | 10.0       | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0       |
| 46.0                            | 9.5        | 9.5  | 9.5        | 9.5        | 9.5        | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0       |
| 48.0                            | 8.8        | 8.8  | 8.8        | 8.8        | 8.8        | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0       |
| 50.0                            | 8.2        | 8.2  | 8.2        | 8.2        | 8.2        | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0       |
| 52.0                            | 7.5        | 7.5  | 7.5        | 7.5        | 7.5        | 7.5       | 7.5       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0       |
| 54.0                            | 7.0        | 7.0  | 7.0        | 7.0        | 7.0        | 7.0       | 7.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0       |
| 56.0                            | 6.5        | 6.5  | 6.5        | 6.5        | 6.5        | 6.5       | 6.5       | 6.5       | 6.0       | 4.0       | 3.5       | 3.0       |
| 58.0                            | 6.1        | 6.1  | 6.1        | 6.1        | 6.1        | 6.1       | 6.1       | 6.1       | 6.0       | 4.0       | 3.5       | 3.0       |

# SPECIFICATIONS

(4) Aux.jib rated overall lifting load (180 ton spec. with mast)

Unit : load (tf),  
angle (degrees)

| Boom leng.(m)     |              | 4 5        |            |            |            |            |           |           |           |           |           |           |           |
|-------------------|--------------|------------|------------|------------|------------|------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| Aux. jib leng.(m) |              | 1 3        |            |            | 1 9        |            |           | 2 5       |           |           | 3 1       |           |           |
| Jib offset ang.   | Work rad.(m) | 5°         | 15°        | 30°        | 5°         | 15°        | 30°       | 5°        | 15°       | 30°       | 5°        | 15°       | 30°       |
| 12.0              | 15.0×13.6m   |            |            |            |            |            |           |           |           |           |           |           |           |
| 14.0              | 15.0         | 13.0×15.7m |            |            | 12.0×15.8m |            |           |           |           |           |           |           |           |
| 16.0              | 15.0         | 13.0       |            |            | 12.0       |            |           | 8.0×17.5m |           |           |           |           |           |
| 18.0              | 15.0         | 13.0       | 12.0×18.3m |            | 12.0       | 10.0×17.5m |           | 8.0       |           |           | 4.0×18.6m |           |           |
| 20.0              | 15.0         | 13.0       | 12.0       | 12.0       | 12.0       | 10.0       |           | 8.0       |           |           | 4.0       |           |           |
| 22.0              | 15.0         | 13.0       | 12.0       | 12.0       | 12.0       | 10.0       | 8.0×23.0m | 8.0       | 7.0×22.2m |           | 4.0       |           |           |
| 24.0              | 15.0         | 13.0       | 12.0       | 12.0       | 12.0       | 10.0       | 8.0       | 8.0       | 7.0       |           | 4.0       | 3.5×24.5m |           |
| 26.0              | 15.0         | 13.0       | 12.0       | 12.0       | 12.0       | 10.0       | 8.0       | 8.0       | 7.0       | 6.0×27.0m | 4.0       | 3.5       |           |
| 28.0              | 15.0         | 13.0       | 12.0       | 12.0       | 12.0       | 10.0       | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       |           |
| 30.0              | 15.0         | 13.0       | 12.0       | 12.0       | 12.0       | 10.0       | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0×30.5m |
| 32.0              | 15.0         | 13.0       | 12.0       | 12.0       | 12.0       | 10.0       | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0       |
| 34.0              | 15.0         | 13.0       | 12.0       | 12.0       | 12.0       | 10.0       | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0       |
| 36.0              | 15.0         | 13.0       | 12.0       | 12.0       | 12.0       | 10.0       | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0       |
| 38.0              | 14.1         | 13.0       | 12.0       | 12.0       | 12.0       | 10.0       | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0       |
| 40.0              | 12.9         | 12.9       | 12.0       | 12.0       | 12.0       | 10.0       | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0       |
| 42.0              | 12.6×40.5m   | 12.6×40.5m | 12.0×40.5m | 12.0×40.5m | 10.0×40.5m | 8.0×40.5m  | 8.0×40.5m | 7.0×40.5m | 6.0×40.5m | 4.0×40.5m | 3.5×40.5m | 3.0×40.5m |           |
| 44.0              |              |            |            |            |            |            |           |           |           |           |           |           |           |

| Boom leng.(m)     |              | 4 8        |            |            |            |           |           |           |           |           |           |           |           |
|-------------------|--------------|------------|------------|------------|------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| Aux. jib leng.(m) |              | 1 3        |            |            | 1 9        |           |           | 2 5       |           |           | 3 1       |           |           |
| Jib offset ang.   | Work rad.(m) | 5°         | 15°        | 30°        | 5°         | 15°       | 30°       | 5°        | 15°       | 30°       | 5°        | 15°       | 30°       |
| 12.0              |              |            |            |            |            |           |           |           |           |           |           |           |           |
| 14.0              | 15.0         |            |            |            |            |           |           |           |           |           |           |           |           |
| 16.0              | 15.0         | 13.0×10.3m |            |            | 12.0×16.3m |           |           |           |           |           |           |           |           |
| 18.0              | 15.0         | 13.0       | 12.0×18.5m |            | 12.0       |           |           |           |           |           | 4.0×21.5m |           |           |
| 20.0              | 15.0         | 13.0       | 12.0       | 12.0       | 12.0       |           |           | 8.0×20.2m |           |           | 4.0       |           |           |
| 22.0              | 15.0         | 13.0       | 12.0       | 12.0       | 12.0       | 10.0      |           | 8.0       |           |           | 4.0       |           |           |
| 24.0              | 15.0         | 13.0       | 12.0       | 12.0       | 12.0       | 10.0      | 8.0×25.5m | 8.0       | 7.0×24.2  |           | 4.0       |           |           |
| 26.0              | 15.0         | 13.0       | 12.0       | 12.0       | 12.0       | 10.0      | 8.0       | 8.0       | 7.0       |           | 4.0       | 3.5×27.4m |           |
| 28.0              | 15.0         | 13.0       | 12.0       | 12.0       | 12.0       | 10.0      | 8.0       | 8.0       | 7.0       | 6.0×29.5m | 4.0       | 3.5       |           |
| 30.0              | 15.0         | 13.0       | 12.0       | 12.0       | 12.0       | 10.0      | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       |           |
| 32.0              | 15.0         | 13.0       | 12.0       | 12.0       | 12.0       | 10.0      | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0×33.1m |
| 34.0              | 15.0         | 13.0       | 12.0       | 12.0       | 12.0       | 10.0      | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0       |
| 36.0              | 15.0         | 13.0       | 12.0       | 12.0       | 12.0       | 10.0      | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0       |
| 38.0              | 13.9         | 13.0       | 12.0       | 12.0       | 12.0       | 10.0      | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0       |
| 40.0              | 12.7         | 12.7       | 12.0       | 12.0       | 12.0       | 10.0      | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0       |
| 42.0              | 11.9         | 11.9       | 11.9       | 11.9       | 10.0       | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0       |           |
| 44.0              | 11.4×43.1m   | 11.4×43.1m | 11.4×43.1m | 11.4×43.1m | 10.0×43.1m | 8.0×43.1m | 8.0×43.1m | 7.0×43.1m | 6.0×43.1m | 4.0×43.1m | 3.5×43.1  | 3.0×43.1m |           |

| Boom leng.(m)     |              | 5 1        |            |            |            |            |           |           |           |           |           |           |           |
|-------------------|--------------|------------|------------|------------|------------|------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| Aux. jib leng.(m) |              | 1 3        |            |            | 1 9        |            |           | 2 5       |           |           | 3 1       |           |           |
| Jib offset ang.   | Work rad.(m) | 5°         | 15°        | 30°        | 5°         | 15°        | 30°       | 5°        | 15°       | 30°       | 5°        | 15°       | 30°       |
| 12.0              |              |            |            |            |            |            |           |           |           |           |           |           |           |
| 14.0              | 15.0×15.8m   |            |            |            |            |            |           |           |           |           |           |           |           |
| 16.0              | 15.0         |            |            |            |            |            |           |           |           |           |           |           |           |
| 18.0              | 15.0         | 13.0×18.2m |            |            | 12.0×18.1m |            |           | 8.0×19.9m |           |           |           |           |           |
| 20.0              | 15.0         | 13.0       | 12.0×20.5m |            | 12.0       | 10.0×21.7m |           | 8.0       |           |           | 4.0×21.1m |           |           |
| 22.0              | 15.0         | 13.0       | 12.0       | 12.0       | 12.0       | 10.0       |           | 8.0       |           |           | 4.0       |           |           |
| 24.0              | 15.0         | 13.0       | 12.0       | 12.0       | 12.0       | 10.0       | 8.0×25.3m | 8.0       | 7.0×24.6m |           | 4.0       |           |           |
| 26.0              | 15.0         | 13.0       | 12.0       | 12.0       | 12.0       | 10.0       | 8.0       | 8.0       | 7.0       |           | 4.0       | 3.5×27.5m |           |
| 28.0              | 15.0         | 13.0       | 12.0       | 12.0       | 12.0       | 10.0       | 8.0       | 8.0       | 7.0       | 6.0×29.3m | 4.0       | 3.5       |           |
| 30.0              | 15.0         | 13.0       | 12.0       | 12.0       | 12.0       | 10.0       | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       |           |
| 32.0              | 15.0         | 13.0       | 12.0       | 12.0       | 12.0       | 10.0       | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0×32.9m |
| 34.0              | 15.0         | 13.0       | 12.0       | 12.0       | 12.0       | 10.0       | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0       |
| 36.0              | 14.9         | 13.0       | 12.0       | 12.0       | 12.0       | 10.0       | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0       |
| 38.0              | 13.7         | 13.0       | 12.0       | 12.0       | 12.0       | 10.0       | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0       |
| 40.0              | 12.5         | 12.5       | 12.0       | 12.0       | 12.0       | 10.0       | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0       |
| 42.0              | 11.7         | 11.7       | 11.7       | 11.7       | 10.0       | 8.0        | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0       |           |
| 44.0              | 10.9         | 10.9       | 10.9       | 10.9       | 10.0       | 8.0        | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0       |           |
| 46.0              | 10.3×45.7m   | 10.3×45.7m | 10.3×45.7m | 10.3×45.7m | 10.0×45.7m | 8.0×45.7m  | 8.0×45.7m | 7.0×45.7m | 6.0×45.7m | 4.0×45.7m | 3.5×45.7m | 3.0×45.7m |           |
| 48.0              |              |            |            |            |            |            |           |           |           |           |           |           |           |
| 50.0              |              |            |            |            |            |            |           |           |           |           |           |           |           |

# SPECIFICATIONS

| Boom leng.(m)                   | 54         |           |            |            |            |           |           |           |           |           |           |           |
|---------------------------------|------------|-----------|------------|------------|------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| Aux. jib leng.(m)               | 13         |           |            | 19         |            |           | 25        |           |           | 31        |           |           |
| Jib offset ang.<br>Work rad.(m) | 5°         | 15°       | 30°        | 5°         | 15°        | 30°       | 5°        | 15°       | 30°       | 5°        | 15°       | 30°       |
| 12.0                            |            |           |            |            |            |           |           |           |           |           |           |           |
| 14.0                            | 15.0×15.7m |           |            |            |            |           |           |           |           |           |           |           |
| 16.0                            | 15.0       |           |            | 12.0×17.9m |            |           |           |           |           |           |           |           |
| 18.0                            | 15.0       | 13.0      |            | 12.0       |            |           | 8.0×19.6m |           |           |           |           |           |
| 20.0                            | 15.0       | 13.0      | 12.0×20.4m | 12.0       |            |           | 8.0       |           |           | 4.0×20.8m |           |           |
| 22.0                            | 15.0       | 13.0      | 12.0       | 12.0       | 10.0×21.5m |           | 8.0       |           |           | 4.0       |           |           |
| 24.0                            | 15.0       | 13.0      | 12.0       | 12.0       | 10.0       | 8.0×25.1m | 8.0       | 7.0×24.4m |           | 4.0       |           |           |
| 26.0                            | 15.0       | 13.0      | 12.0       | 12.0       | 10.0       | 8.0       | 8.0       | 7.0       |           | 4.0       | 3.5×26.7m |           |
| 28.0                            | 15.0       | 13.0      | 12.0       | 12.0       | 10.0       | 8.0       | 8.0       | 7.0       | 6.0×29.1m | 4.0       | 3.5       |           |
| 30.0                            | 15.0       | 13.0      | 12.0       | 12.0       | 10.0       | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       |           |
| 32.0                            | 15.0       | 13.0      | 12.0       | 12.0       | 10.0       | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0×32.7m |
| 34.0                            | 15.0       | 13.0      | 12.0       | 12.0       | 10.0       | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0       |
| 36.0                            | 14.7       | 13.0      | 12.0       | 12.0       | 10.0       | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0       |
| 38.0                            | 13.5       | 13.0      | 12.0       | 12.0       | 10.0       | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0       |
| 40.0                            | 12.4       | 12.4      | 12.0       | 12.0       | 10.0       | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0       |
| 42.0                            | 11.6       | 11.6      | 11.6       | 11.6       | 10.0       | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0       |
| 44.0                            | 10.8       | 10.8      | 10.8       | 10.8       | 10.0       | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0       |
| 46.0                            | 10.0       | 10.0      | 10.0       | 10.0       | 10.0       | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0       |
| 48.0                            | 9.3        | 9.3       | 9.3        | 9.3        | 9.3        | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0       |
| 50.0                            | 9.2×48.3m  | 9.2×48.3m | 9.2×48.3m  | 9.2×48.3m  | 9.2×48.3m  | 8.0×48.3m | 8.0×48.3m | 7.0×48.3m | 6.0×48.3m | 4.0×48.3m | 3.5×48.3m | 3.0×48.3m |

| Boom leng.(m)                   | 57         |            |            |            |            |           |           |           |           |           |           |           |
|---------------------------------|------------|------------|------------|------------|------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| Aux. jib leng.(m)               | 13         |            |            | 19         |            |           | 25        |           |           | 31        |           |           |
| Jib offset ang.<br>Work rad.(m) | 5°         | 15°        | 30°        | 5°         | 15°        | 30°       | 5°        | 15°       | 30°       | 5°        | 15°       | 30°       |
| 14.0                            | 15.0×15.0m |            |            |            |            |           |           |           |           |           |           |           |
| 16.0                            | 15.0       | 13.0×17.0m |            | 12.0×17.7m |            |           |           |           |           |           |           |           |
| 18.0                            | 15.0       | 13.0       |            | 12.0       |            |           | 8.0×19.4m |           |           |           |           |           |
| 20.0                            | 15.0       | 13.0       | 12.0×20.3m | 12.0       | 10.0×21.4m |           | 8.0       |           |           | 4.0×20.5m |           |           |
| 22.0                            | 15.0       | 13.0       | 12.0       | 12.0       | 10.0       |           | 8.0       |           |           | 4.0       |           |           |
| 24.0                            | 15.0       | 13.0       | 12.0       | 12.0       | 10.0       | 8.0×25.0m | 8.0       | 7.0×24.1m |           | 4.0       |           |           |
| 26.0                            | 15.0       | 13.0       | 12.0       | 12.0       | 10.0       | 8.0       | 8.0       | 7.0       |           | 4.0       | 3.5×20.4m |           |
| 28.0                            | 15.0       | 13.0       | 12.0       | 12.0       | 10.0       | 8.0       | 8.0       | 7.0       | 6.0×28.9m | 4.0       | 3.5       |           |
| 30.0                            | 15.0       | 13.0       | 12.0       | 12.0       | 10.0       | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       |           |
| 32.0                            | 15.0       | 13.0       | 12.0       | 12.0       | 10.0       | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0×32.4m |
| 34.0                            | 15.0       | 13.0       | 12.0       | 12.0       | 10.0       | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0       |
| 36.0                            | 14.5       | 13.0       | 12.0       | 12.0       | 10.0       | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0       |
| 38.0                            | 13.4       | 13.0       | 12.0       | 12.0       | 10.0       | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0       |
| 40.0                            | 12.3       | 12.3       | 12.0       | 12.0       | 10.0       | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0       |
| 42.0                            | 11.5       | 11.5       | 11.5       | 11.5       | 10.0       | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0       |
| 44.0                            | 10.7       | 10.7       | 10.7       | 10.7       | 10.0       | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0       |
| 46.0                            | 9.9        | 9.9        | 9.9        | 9.9        | 9.9        | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0       |
| 48.0                            | 9.2        | 9.2        | 9.2        | 9.2        | 9.2        | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0       |
| 50.0                            | 8.7        | 8.7        | 8.7        | 8.7        | 8.7        | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0       |
| 52.0                            | 8.6×50.9m  | 8.6×50.9m  | 8.6×50.9m  | 8.6×50.9m  | 8.6×50.9m  | 8.0×50.9m | 8.0×50.9m | 7.0×50.9m | 6.0×50.9m | 4.0×50.9m | 3.5×50.9m | 3.0×50.9m |
| 54.0                            |            |            |            |            |            |           |           |           |           |           |           |           |

| Boom leng.(m)                   | 60         |            |            |            |            |           |           |           |           |           |           |           |
|---------------------------------|------------|------------|------------|------------|------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| Aux. jib leng.(m)               | 13         |            |            | 19         |            |           | 25        |           |           | 31        |           |           |
| Jib offset ang.<br>Work rad.(m) | 5°         | 15°        | 30°        | 5°         | 15°        | 30°       | 5°        | 15°       | 30°       | 5°        | 15°       | 30°       |
| 14.0                            |            |            |            |            |            |           |           |           |           |           |           |           |
| 16.0                            | 15.0×17.9m |            |            |            |            |           |           |           |           |           |           |           |
| 18.0                            | 15.0       |            |            |            |            |           |           |           |           |           |           |           |
| 20.0                            | 15.0       | 13.0×20.2m |            | 12.0×20.2m |            |           |           |           |           |           |           |           |
| 22.0                            | 15.0       | 13.0       | 12.0×22.5m | 12.0       | 10.0×23.8m |           | 8.0×22.0m |           |           | 4.0×23.2m |           |           |
| 24.0                            | 15.0       | 13.0       | 12.0       | 12.0       | 10.0       |           | 8.0       |           |           | 4.0       |           |           |
| 26.0                            | 15.0       | 13.0       | 12.0       | 12.0       | 10.0       | 8.0×27.3m | 8.0       | 7.0×20.7m |           | 4.0       |           |           |
| 28.0                            | 15.0       | 13.0       | 12.0       | 12.0       | 10.0       | 8.0       | 8.0       | 7.0       |           | 4.0       | 3.5×29.1m |           |
| 30.0                            | 15.0       | 13.0       | 12.0       | 12.0       | 10.0       | 8.0       | 8.0       | 7.0       | 6.0×31.4m | 4.0       | 3.5       |           |
| 32.0                            | 15.0       | 13.0       | 12.0       | 12.0       | 10.0       | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       |           |
| 34.0                            | 15.0       | 13.0       | 12.0       | 12.0       | 10.0       | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0×35.0m |
| 36.0                            | 14.4       | 13.0       | 12.0       | 12.0       | 10.0       | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0       |
| 38.0                            | 13.4       | 13.0       | 12.0       | 12.0       | 10.0       | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0       |
| 40.0                            | 12.3       | 12.3       | 12.0       | 12.0       | 10.0       | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0       |
| 42.0                            | 11.5       | 11.5       | 11.5       | 11.5       | 10.0       | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0       |
| 44.0                            | 10.7       | 10.7       | 10.7       | 10.7       | 10.0       | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0       |
| 46.0                            | 9.9        | 9.9        | 9.9        | 9.9        | 9.9        | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0       |
| 48.0                            | 9.2        | 9.2        | 9.2        | 9.2        | 9.2        | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0       |
| 50.0                            | 8.6        | 8.6        | 8.6        | 8.6        | 8.6        | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0       |
| 52.0                            | 8.1        | 8.1        | 8.1        | 8.1        | 8.1        | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0       |
| 54.0                            | 7.7×53.5m  | 7.7×53.5m  | 7.7×53.5m  | 7.7×53.5m  | 7.7×53.5m  | 7.7×53.5m | 7.7×53.5m | 7.0×53.5m | 6.0×53.5m | 4.0×53.5m | 3.5×53.5m | 3.0×53.5m |

# SPECIFICATIONS

Unit : load (tf), angle (degrees)

|                                 |            | 63         |            |      |            |           |     |           |           |     |           |           |           |
|---------------------------------|------------|------------|------------|------|------------|-----------|-----|-----------|-----------|-----|-----------|-----------|-----------|
| Boom leng.(m)                   |            | 13         |            |      | 19         |           |     | 25        |           |     | 31        |           |           |
| Aux. jib leng.(m)               |            |            |            |      |            |           |     |           |           |     |           |           |           |
| Jib offset ang.<br>Work rad.(m) |            | 5°         | 15°        | 30°  | 5°         | 15°       | 30° | 5°        | 15°       | 30° | 5°        | 15°       | 30°       |
| 16.0                            | 15.0×17.8m |            |            |      |            |           |     |           |           |     |           |           |           |
| 18.0                            | 15.0       |            |            |      |            |           |     |           |           |     |           |           |           |
| 20.0                            | 15.0       | 13.0×20.1m |            |      |            |           |     | 8.0×21.7m |           |     |           |           |           |
| 22.0                            | 15.0       | 13.0       | 12.0×22.4m | 12.0 | 10.0×23.6m |           |     | 8.0       |           |     | 4.0×22.9m |           |           |
| 24.0                            | 15.0       | 13.0       | 12.0       | 12.0 | 10.0       |           |     | 8.0       |           |     | 4.0       |           |           |
| 26.0                            | 15.0       | 13.0       | 12.0       | 12.0 | 10.0       | 8.0×27.2m |     | 8.0       | 7.0×26.5m |     | 4.0       |           |           |
| 28.0                            | 15.0       | 13.0       | 12.0       | 12.0 | 10.0       | 8.0       | 8.0 | 7.0       |           |     | 4.0       | 3.5×28.8m |           |
| 30.0                            | 15.0       | 13.0       | 12.0       | 12.0 | 10.0       | 8.0       | 8.0 | 7.0       | 6.0×31.2m |     | 4.0       | 3.5       |           |
| 32.0                            | 15.0       | 13.0       | 12.0       | 12.0 | 10.0       | 8.0       | 8.0 | 7.0       | 6.0       |     | 4.0       | 3.5       |           |
| 34.0                            | 15.0       | 13.0       | 12.0       | 12.0 | 10.0       | 8.0       | 8.0 | 7.0       | 6.0       |     | 4.0       | 3.5       | 3.0×34.8m |
| 36.0                            | 14.3       | 13.0       | 12.0       | 12.0 | 10.0       | 8.0       | 8.0 | 7.0       | 6.0       |     | 4.0       | 3.5       | 3.0       |
| 38.0                            | 13.3       | 13.0       | 12.0       | 12.0 | 10.0       | 8.0       | 8.0 | 7.0       | 6.0       |     | 4.0       | 3.5       | 3.0       |
| 40.0                            | 12.2       | 12.2       | 12.0       | 12.0 | 10.0       | 8.0       | 8.0 | 7.0       | 6.0       |     | 4.0       | 3.5       | 3.0       |
| 42.0                            | 11.3       | 11.3       | 11.3       | 11.3 | 10.0       | 8.0       | 8.0 | 7.0       | 6.0       |     | 4.0       | 3.5       | 3.0       |
| 44.0                            | 10.5       | 10.5       | 10.5       | 10.5 | 10.0       | 8.0       | 8.0 | 7.0       | 6.0       |     | 4.0       | 3.5       | 3.0       |
| 46.0                            | 9.8        | 9.8        | 9.8        | 9.8  | 9.8        | 8.0       | 8.0 | 7.0       | 6.0       |     | 4.0       | 3.5       | 3.0       |
| 48.0                            | 9.1        | 9.1        | 9.1        | 9.1  | 9.1        | 8.0       | 8.0 | 7.0       | 6.0       |     | 4.0       | 3.5       | 3.0       |
| 50.0                            | 8.5        | 8.5        | 8.5        | 8.5  | 8.5        | 8.0       | 8.0 | 7.0       | 6.0       |     | 4.0       | 3.5       | 3.0       |
| 52.0                            | 7.9        | 7.9        | 7.9        | 7.9  | 7.9        | 7.9       | 7.9 | 7.0       | 6.0       |     | 4.0       | 3.5       | 3.0       |
| 54.0                            | 7.2        | 7.2        | 7.2        | 7.2  | 7.2        | 7.2       | 7.2 | 7.0       | 6.0       |     | 4.0       | 3.5       | 3.0       |
| 56.0                            | 6.7        | 6.7        | 6.7        | 6.7  | 6.7        | 6.7       | 6.7 | 6.7       | 6.0       |     | 4.0       | 3.5       | 3.0       |
| 58.0                            |            |            |            |      |            |           |     |           |           |     |           |           |           |

|                                 |            | 66   |            |      |            |           |     |           |           |     |           |           |           |
|---------------------------------|------------|------|------------|------|------------|-----------|-----|-----------|-----------|-----|-----------|-----------|-----------|
| Boom leng.(m)                   |            | 13   |            |      | 19         |           |     | 25        |           |     | 31        |           |           |
| Aux. jib leng.(m)               |            |      |            |      |            |           |     |           |           |     |           |           |           |
| Jib offset ang.<br>Work rad.(m) |            | 5°   | 15°        | 30°  | 5°         | 15°       | 30° | 5°        | 15°       | 30° | 5°        | 15°       | 30°       |
| 16.0                            | 15.0×17.7m |      |            |      |            |           |     |           |           |     |           |           |           |
| 18.0                            | 15.0       |      |            |      | 12.0×19.8m |           |     |           |           |     |           |           |           |
| 20.0                            | 15.0       | 13.0 |            |      | 12.0       |           |     | 8.0×21.5m |           |     |           |           |           |
| 22.0                            | 15.0       | 13.0 | 12.0×22.3m | 12.0 | 10.0×23.5m |           |     | 8.0       |           |     | 4.0×22.7m |           |           |
| 24.0                            | 15.0       | 13.0 | 12.0       | 12.0 | 10.0       |           |     | 8.0       |           |     | 4.0       |           |           |
| 26.0                            | 15.0       | 13.0 | 12.0       | 12.0 | 10.0       | 8.0×27.1m |     | 8.0       | 7.0×26.3m |     | 4.0       |           |           |
| 28.0                            | 15.0       | 13.0 | 12.0       | 12.0 | 10.0       | 8.0       | 8.0 | 7.0       |           |     | 4.0       | 3.5×28.6m |           |
| 30.0                            | 15.0       | 13.0 | 12.0       | 12.0 | 10.0       | 8.0       | 8.0 | 7.0       | 6.0×31.0m |     | 4.0       | 3.5       |           |
| 32.0                            | 15.0       | 13.0 | 12.0       | 12.0 | 10.0       | 8.0       | 8.0 | 7.0       | 6.0       |     | 4.0       | 3.5       |           |
| 34.0                            | 15.0       | 13.0 | 12.0       | 12.0 | 10.0       | 8.0       | 8.0 | 7.0       | 6.0       |     | 4.0       | 3.5       | 3.0×35.0m |
| 36.0                            | 14.2       | 13.0 | 12.0       | 12.0 | 10.0       | 8.0       | 8.0 | 7.0       | 6.0       |     | 4.0       | 3.5       | 3.0       |
| 38.0                            | 13.2       | 13.0 | 12.0       | 12.0 | 10.0       | 8.0       | 8.0 | 7.0       | 6.0       |     | 4.0       | 3.5       | 3.0       |
| 40.0                            | 12.2       | 12.2 | 12.0       | 12.0 | 10.0       | 8.0       | 8.0 | 7.0       | 6.0       |     | 4.0       | 3.5       | 3.0       |
| 42.0                            | 11.3       | 11.3 | 11.3       | 11.3 | 10.0       | 8.0       | 8.0 | 7.0       | 6.0       |     | 4.0       | 3.5       | 3.0       |
| 44.0                            | 10.4       | 10.4 | 10.4       | 10.4 | 10.0       | 8.0       | 8.0 | 7.0       | 6.0       |     | 4.0       | 3.5       | 3.0       |
| 46.0                            | 9.7        | 9.7  | 9.7        | 9.7  | 9.7        | 8.0       | 8.0 | 7.0       | 6.0       |     | 4.0       | 3.5       | 3.0       |
| 48.0                            | 9.0        | 9.0  | 9.0        | 9.0  | 9.0        | 8.0       | 8.0 | 7.0       | 6.0       |     | 4.0       | 3.5       | 3.0       |
| 50.0                            | 8.4        | 8.4  | 8.4        | 8.4  | 8.4        | 8.0       | 8.0 | 7.0       | 6.0       |     | 4.0       | 3.5       | 3.0       |
| 52.0                            | 7.7        | 7.7  | 7.7        | 7.7  | 7.7        | 7.7       | 7.7 | 7.0       | 6.0       |     | 4.0       | 3.5       | 3.0       |
| 54.0                            | 7.1        | 7.1  | 7.1        | 7.1  | 7.1        | 7.1       | 7.1 | 7.0       | 6.0       |     | 4.0       | 3.5       | 3.0       |
| 56.0                            | 6.6        | 6.6  | 6.6        | 6.6  | 6.6        | 6.6       | 6.6 | 6.6       | 6.0       |     | 4.0       | 3.5       | 3.0       |
| 58.0                            | 6.2        | 6.2  | 6.2        | 6.2  | 6.2        | 6.2       | 6.2 | 6.2       | 6.0       |     | 4.0       | 3.5       | 3.0       |

# SPECIFICATIONS

Unit : load (tf), angle (degrees)

| Boom leng.(m)                   | 69         |            |            |            |            |           |           |           |           |           |           |           |
|---------------------------------|------------|------------|------------|------------|------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| Aux. jib leng.(m)               | 13         |            |            | 19         |            |           | 25        |           |           | 31        |           |           |
| Jib offset ang.<br>Work rad.(m) | 5°         | 15°        | 30°        | 5°         | 15°        | 30°       | 5°        | 15°       | 30°       | 5°        | 15°       | 30°       |
| 16.0                            | 15.0×17.5m |            |            |            |            |           |           |           |           |           |           |           |
| 18.0                            | 15.0       | 13.0×19.8m |            | 12.0×19.6m |            |           |           |           |           |           |           |           |
| 20.0                            | 15.0       | 13.0       |            | 12.0       |            |           | 8.0×21.3m |           |           |           |           |           |
| 22.0                            | 15.0       | 13.0       | 12.0×22.1m | 12.0       | 10.0×23.3m |           | 8.0       |           |           | 4.0×22.4m |           |           |
| 24.0                            | 15.0       | 13.0       | 12.0       | 12.0       | 10.0       |           | 8.0       |           |           | 4.0       |           |           |
| 26.0                            | 15.0       | 13.0       | 12.0       | 12.0       | 10.0       | 8.0×27.0m | 8.0       | 7.0×26.1m |           | 4.0       |           |           |
| 28.0                            | 15.0       | 13.0       | 12.0       | 12.0       | 10.0       | 8.0       | 8.0       | 7.0       |           | 4.0       | 3.5×28.4m |           |
| 30.0                            | 15.0       | 13.0       | 12.0       | 12.0       | 10.0       | 8.0       | 8.0       | 7.0       | 6.0×30.9m | 4.0       | 3.5       |           |
| 32.0                            | 15.0       | 13.0       | 12.0       | 12.0       | 10.0       | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       |           |
| 34.0                            | 15.0       | 13.0       | 12.0       | 12.0       | 10.0       | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0×34.4m |
| 36.0                            | 14.0       | 13.0       | 12.0       | 12.0       | 10.0       | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0       |
| 38.0                            | 12.9       | 12.9       | 12.0       | 12.0       | 10.0       | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0       |
| 40.0                            | 11.9       | 11.9       | 11.9       | 11.9       | 10.0       | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0       |
| 42.0                            | 10.9       | 10.9       | 10.9       | 10.9       | 10.0       | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0       |
| 44.0                            | 10.1       | 10.1       | 10.1       | 10.1       | 10.0       | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0       |
| 46.0                            | 9.4        | 9.4        | 9.4        | 9.4        | 9.4        | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0       |
| 48.0                            | 8.6        | 8.6        | 8.6        | 8.6        | 8.6        | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0       |
| 50.0                            | 8.0        | 8.0        | 8.0        | 8.0        | 8.0        | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0       |
| 52.0                            | 7.4        | 7.4        | 7.4        | 7.4        | 7.4        | 7.4       | 7.4       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0       |
| 54.0                            | 6.9        | 6.9        | 6.9        | 6.9        | 6.9        | 6.9       | 6.9       | 6.9       | 6.0       | 4.0       | 3.5       | 3.0       |
| 56.0                            | 6.4        | 6.4        | 6.4        | 6.4        | 6.4        | 6.4       | 6.4       | 6.4       | 6.0       | 4.0       | 3.5       | 3.0       |
| 58.0                            | 6.0        | 6.0        | 6.0        | 6.0        | 6.0        | 6.0       | 6.0       | 6.0       | 6.0       | 4.0       | 3.5       | 3.0       |
| 60.0                            | 5.5        | 5.5        | 5.5        | 5.5        | 5.5        | 5.5       | 5.5       | 5.5       | 5.5       | 4.0       | 3.5       | 3.0       |
| 62.0                            | 5.1        | 5.1        | 5.1        | 5.1        | 5.1        | 5.1       | 5.1       | 5.1       | 5.1       | 4.0       | 3.5       | 3.0       |
| 64.0                            |            |            |            |            |            |           |           |           |           |           |           |           |

| Boom leng.(m)                   | 72         |      |            |      |            |           |           |           |           |           |           |           |
|---------------------------------|------------|------|------------|------|------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| Aux. jib leng.(m)               | 13         |      |            | 19   |            |           | 25        |           |           | 31        |           |           |
| Jib offset ang.<br>Work rad.(m) | 5°         | 15°  | 30°        | 5°   | 15°        | 30°       | 5°        | 15°       | 30°       | 5°        | 15°       | 30°       |
| 16.0                            |            |      |            |      |            |           |           |           |           |           |           |           |
| 18.0                            | 15.0×19.7m |      |            |      |            |           |           |           |           |           |           |           |
| 20.0                            | 15.0       |      |            |      |            |           |           |           |           |           |           |           |
| 22.0                            | 15.0       | 13.0 |            | 12.0 |            |           | 8.0×23.8m |           |           |           |           |           |
| 24.0                            | 15.0       | 13.0 | 12.0×24.3m | 12.0 | 10.0×25.7m |           | 8.0       |           |           | 4.0×25.0m |           |           |
| 26.0                            | 15.0       | 13.0 | 12.0       | 12.0 | 10.0       |           | 8.0       |           |           | 4.0       |           |           |
| 28.0                            | 15.0       | 13.0 | 12.0       | 12.0 | 10.0       | 8.0×29.2m | 8.0       | 7.0×28.5m |           | 4.0       |           |           |
| 30.0                            | 15.0       | 13.0 | 12.0       | 12.0 | 10.0       | 8.0       | 8.0       | 7.0       |           | 4.0       | 3.5×30.9m |           |
| 32.0                            | 15.0       | 13.0 | 12.0       | 12.0 | 10.0       | 8.0       | 8.0       | 7.0       | 6.0×33.2m | 4.0       | 3.5       |           |
| 34.0                            | 14.9       | 13.0 | 12.0       | 12.0 | 10.0       | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       |           |
| 36.0                            | 13.7       | 13.0 | 12.0       | 12.0 | 10.0       | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0×36.8m |
| 38.0                            | 12.6       | 12.6 | 12.0       | 12.0 | 10.0       | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0       |
| 40.0                            | 11.6       | 11.6 | 11.6       | 11.6 | 10.0       | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0       |
| 42.0                            | 10.6       | 10.6 | 10.6       | 10.6 | 10.0       | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0       |
| 44.0                            | 9.7        | 9.7  | 9.7        | 9.7  | 9.7        | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0       |
| 46.0                            | 9.1        | 9.1  | 9.1        | 9.1  | 9.1        | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0       |
| 48.0                            | 8.3        | 8.3  | 8.3        | 8.3  | 8.3        | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0       |
| 50.0                            | 7.7        | 7.7  | 7.7        | 7.7  | 7.7        | 7.7       | 7.7       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0       |
| 52.0                            | 7.1        | 7.1  | 7.1        | 7.1  | 7.1        | 7.1       | 7.1       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0       |
| 54.0                            | 6.6        | 6.6  | 6.6        | 6.6  | 6.6        | 6.6       | 6.6       | 6.6       | 6.0       | 4.0       | 3.5       | 3.0       |
| 56.0                            | 6.1        | 6.1  | 6.1        | 6.1  | 6.1        | 6.1       | 6.1       | 6.1       | 6.0       | 4.0       | 3.5       | 3.0       |
| 58.0                            | 5.6        | 5.6  | 5.6        | 5.6  | 5.6        | 5.6       | 5.6       | 5.6       | 5.6       | 4.0       | 3.5       | 3.0       |
| 60.0                            | 5.2        | 5.2  | 5.2        | 5.2  | 5.2        | 5.2       | 5.2       | 5.2       | 5.2       | 4.0       | 3.5       | 3.0       |
| 62.0                            | 4.7        | 4.7  | 4.7        | 4.7  | 4.7        | 4.7       | 4.7       | 4.7       | 4.7       | 4.0       | 3.5       | 3.0       |
| 64.0                            | 4.3        | 4.3  | 4.3        | 4.3  | 4.3        | 4.3       | 4.3       | 4.3       | 4.3       | 4.0       | 3.5       | 3.0       |

## SPECIFICATIONS

### 2 - 7 Notes on rated overall lifting load

- Rated overall lifting load are based on the machine being on a firm, level ground with load at any point in 360 degrees around the machine, and are specified with in 78 % of tipping load and front stability 1.15 or more.

- The actual lifting load is obtained by subtracting the following weight of the lifting device such as a hook etc, from the rated lifting load table.

|                       |                      |                      |
|-----------------------|----------------------|----------------------|
| 180 t hook.....2.78 t | 60 t hook.....1.25 t | 11 t hook.....0.40 t |
| 100 t hook.....1.60 t | 30 t hook.....0.80 t |                      |
| 80 t hook.....1.40 t  | 15 t hook.....0.80 t |                      |

- The rated overall lifting load of the main jib with the auxiliary jib is obtained by subtracting the following weight from the value in the table.

(The following weight include the weight of the jib hook.)

|                       |                       |
|-----------------------|-----------------------|
| 1.0 m jib.....1.00 t  | 25.0 m jib.....4.70 t |
| 13.0 m jib.....2.90 t | 31.0 m jib.....5.80 t |
| 19.0 m jib.....3.70 t |                       |

- The rated overall lifting load is restricted by the number of rope reeving as below.

| Hook<br>capa.<br>(tons) | Hook<br>weight<br>(tons) | No. of<br>rope<br>reeving | Max. load limit (tons) |     |     |     |     |    |    |    |    |    |    |    |    |
|-------------------------|--------------------------|---------------------------|------------------------|-----|-----|-----|-----|----|----|----|----|----|----|----|----|
|                         |                          |                           | 18                     | 16  | 14  | 12  | 10  | 8  | 7  | 6  | 5  | 4  | 3  | 2  | 1  |
| 180                     | 2.78                     |                           | 180                    | 150 | 140 | 125 | 105 | 87 | 77 | 66 | 55 | 44 | 33 | 22 | 11 |
| 150                     | 2.78                     | —                         | 150                    | 140 | 125 | 105 | 87  | 77 | 66 | 55 | 44 | 33 | 22 | 11 |    |
| 100                     | 1.60                     | —                         | —                      | —   | —   | 100 | 87  | 77 | 66 | 55 | 44 | 33 | 22 | 11 |    |
| 80                      | 1.40                     | —                         | —                      | —   | —   | —   | 80  | 77 | 66 | 55 | 44 | 33 | 22 | 11 |    |
| 60                      | 1.25                     | —                         | —                      | —   | —   | —   | —   | —  | 60 | 55 | 44 | 33 | 22 | 11 |    |
| 30                      | 0.80                     | —                         | —                      | —   | —   | —   | —   | —  | —  | —  | —  | 30 | 22 | 11 |    |
| 15                      | 0.80                     | —                         | —                      | —   | —   | —   | —   | —  | —  | —  | —  | —  | 15 | 11 |    |
| 11                      | 0.40                     | —                         | —                      | —   | —   | —   | —   | —  | —  | —  | —  | —  | —  | 11 |    |

# SPECIFICATIONS

(5) 150t spec. without mast

Unit : load (tf), angle (degrees)

| Boom leng.(m) | 1 8                         |       | 2 1   |       | 2 4   |       | 2 7   |       | 3 0  |       | 3 3  |       | 3 6  |       | 3 9  |       | 4 2  |       |
|---------------|-----------------------------|-------|-------|-------|-------|-------|-------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|
| Work rad.(m)  | Load                        | Angle | Load  | Angle | Load  | Angle | Load  | Angle | Load | Angle | Load | Angle | Load | Angle | Load | Angle | Load | Angle |
| 4.8           | 150.0                       | 80.0  |       |       |       |       |       |       |      |       |      |       |      |       |      |       |      |       |
| 5.0           | 150.0                       | 79.5  |       |       |       |       |       |       |      |       |      |       |      |       |      |       |      |       |
| 6.0           | 140.0                       | 76.0  | 138.8 | 78.0  |       |       |       |       |      |       |      |       |      |       |      |       |      |       |
| 7.0           | 123.8                       | 73.0  | 123.6 | 75.5  | 123.4 | 77.0  | 123.2 | 78.5  |      |       |      |       |      |       |      |       |      |       |
| 8.0           | 99.4                        | 69.5  | 99.2  | 72.5  | 99.1  | 74.5  | 99.0  | 76.5  | 98.9 | 78.0  | 98.8 | 79.0  |      |       |      |       |      |       |
| 9.0           | 82.8                        | 66.0  | 82.6  | 69.5  | 82.5  | 72.0  | 82.4  | 74.5  | 82.3 | 76.0  | 82.2 | 77.0  | 82.1 | 78.5  | 81.9 | 79.0  |      |       |
| 10.0          | 70.8                        | 62.5  | 70.6  | 66.5  | 70.5  | 69.5  | 70.4  | 72.0  | 70.3 | 74.0  | 70.2 | 75.5  | 70.1 | 76.5  | 69.9 | 77.5  | 69.8 | 78.5  |
| 12.0          | 54.9                        | 55.0  | 54.7  | 60.5  | 54.6  | 64.5  | 54.5  | 67.5  | 54.4 | 70.0  | 54.3 | 72.0  | 54.2 | 73.5  | 54.0 | 74.5  | 53.9 | 76.0  |
| 14.0          | 44.8                        | 46.5  | 44.6  | 54.0  | 44.5  | 59.0  | 44.4  | 63.0  | 44.3 | 65.5  | 44.2 | 68.0  | 44.1 | 70.0  | 43.9 | 71.5  | 43.8 | 73.0  |
| 16.0          | 37.8                        | 36.5  | 37.6  | 46.5  | 37.5  | 53.0  | 37.4  | 58.0  | 37.3 | 61.5  | 37.2 | 64.0  | 37.1 | 66.5  | 36.9 | 68.5  | 36.8 | 70.0  |
| 18.0          | 17.0 <sup>6</sup><br>x 34.7 | 30.5  | 32.3  | 38.5  | 32.2  | 47.0  | 32.1  | 52.5  | 32.0 | 57.0  | 31.9 | 60.5  | 31.8 | 63.0  | 31.7 | 65.0  | 31.6 | 67.0  |
| 20.0          |                             |       | 28.2  | 28.0  | 28.1  | 40.0  | 27.9  | 47.0  | 27.7 | 52.0  | 27.5 | 56.0  | 27.3 | 59.5  | 27.1 | 62.0  | 27.0 | 64.0  |
| 22.0          |                             |       |       |       | 25.0  | 31.5  | 24.8  | 41.0  | 24.6 | 47.0  | 24.4 | 52.0  | 24.1 | 55.5  | 23.9 | 58.5  | 23.8 | 61.0  |
| 24.0          |                             |       |       |       |       |       | 22.2  | 33.5  | 22.0 | 41.5  | 21.8 | 47.0  | 21.5 | 51.5  | 21.2 | 55.0  | 21.1 | 58.0  |
| 26.0          |                             |       |       |       |       |       |       |       | 19.8 | 35.5  | 19.6 | 42.0  | 19.4 | 47.5  | 19.1 | 51.5  | 19.0 | 54.5  |
| 28.0          |                             |       |       |       |       |       |       |       |      |       | 17.8 | 36.5  | 17.5 | 43.0  | 17.3 | 47.5  | 17.2 | 51.0  |
| 30.0          |                             |       |       |       |       |       |       |       |      |       | 16.4 | 30.5  | 16.0 | 38.0  | 15.8 | 43.0  | 15.7 | 47.5  |
| 32.0          |                             |       |       |       |       |       |       |       |      |       |      |       | 14.7 | 32.0  | 14.5 | 38.5  | 14.3 | 43.5  |
| 34.0          |                             |       |       |       |       |       |       |       |      |       |      |       |      |       | 13.4 | 33.5  | 13.2 | 39.5  |
| 36.0          |                             |       |       |       |       |       |       |       |      |       |      |       |      |       |      |       | 12.0 | 35.0  |
| 38.0          |                             |       |       |       |       |       |       |       |      |       |      |       |      |       |      |       | 11.4 | 30.0  |
| 40.0          |                             |       |       |       |       |       |       |       |      |       |      |       |      |       |      |       |      |       |
| 42.0          |                             |       |       |       |       |       |       |       |      |       |      |       |      |       |      |       |      |       |
| 44.0          |                             |       |       |       |       |       |       |       |      |       |      |       |      |       |      |       |      |       |
| 46.0          |                             |       |       |       |       |       |       |       |      |       |      |       |      |       |      |       |      |       |
| 48.0          |                             |       |       |       |       |       |       |       |      |       |      |       |      |       |      |       |      |       |
| 50.0          |                             |       |       |       |       |       |       |       |      |       |      |       |      |       |      |       |      |       |
| 52.0          |                             |       |       |       |       |       |       |       |      |       |      |       |      |       |      |       |      |       |
| 54.0          |                             |       |       |       |       |       |       |       |      |       |      |       |      |       |      |       |      |       |
| 56.0          |                             |       |       |       |       |       |       |       |      |       |      |       |      |       |      |       |      |       |
| 58.0          |                             |       |       |       |       |       |       |       |      |       |      |       |      |       |      |       |      |       |

| Boom leng.(m) | 4 5  |       | 4 8  |       | 5 1  |       | 5 4  |       | 5 7  |       | 6 0  |       | 6 3  |       | 6 6  |       |
|---------------|------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|
| Work rad.(m)  | Load | Angle | Load | Angle | Load | Angle | Load | Angle | Load | Angle | Load | Angle | Load | Angle | Load | Angle |
| 4.8           |      |       |      |       |      |       |      |       |      |       |      |       |      |       |      |       |
| 5.0           |      |       |      |       |      |       |      |       |      |       |      |       |      |       |      |       |
| 6.0           |      |       |      |       |      |       |      |       |      |       |      |       |      |       |      |       |
| 7.0           |      |       |      |       |      |       |      |       |      |       |      |       |      |       |      |       |
| 8.0           |      |       |      |       |      |       |      |       |      |       |      |       |      |       |      |       |
| 9.0           |      |       |      |       |      |       |      |       |      |       |      |       |      |       |      |       |
| 10.0          | 69.6 | 79.5  |      |       |      |       |      |       |      |       |      |       |      |       |      |       |
| 12.0          | 53.7 | 77.0  | 53.6 | 77.5  | 53.5 | 78.5  | 53.4 | 79.0  | 53.3 | 79.5  |      |       |      |       |      |       |
| 14.0          | 43.6 | 74.0  | 43.5 | 75.0  | 43.4 | 76.0  | 43.3 | 77.0  | 43.2 | 77.5  | 43.0 | 78.0  | 42.8 | 78.5  | 41.8 | 79.5  |
| 16.0          | 36.6 | 71.5  | 36.5 | 72.5  | 36.4 | 73.5  | 36.3 | 74.5  | 36.2 | 75.5  | 36.0 | 76.0  | 35.8 | 77.0  | 35.6 | 77.5  |
| 18.0          | 31.4 | 68.5  | 31.3 | 70.0  | 31.2 | 71.5  | 31.1 | 72.5  | 31.0 | 73.5  | 30.8 | 74.0  | 30.6 | 75.0  | 30.4 | 75.5  |
| 20.0          | 26.9 | 66.0  | 26.8 | 67.5  | 26.7 | 69.0  | 26.6 | 70.0  | 26.5 | 71.5  | 26.4 | 72.0  | 26.3 | 73.0  | 26.2 | 74.0  |
| 22.0          | 23.7 | 63.0  | 23.6 | 65.0  | 23.5 | 66.5  | 23.4 | 68.0  | 23.3 | 69.0  | 23.2 | 70.0  | 23.1 | 71.0  | 23.0 | 72.0  |
| 24.0          | 21.0 | 60.0  | 20.9 | 62.5  | 20.8 | 64.0  | 20.6 | 65.5  | 20.5 | 67.0  | 20.4 | 68.0  | 20.2 | 69.0  | 20.1 | 70.0  |
| 26.0          | 18.8 | 57.0  | 18.7 | 59.5  | 18.6 | 61.5  | 18.5 | 63.0  | 18.4 | 64.5  | 18.3 | 66.0  | 18.1 | 67.5  | 18.0 | 68.5  |
| 28.0          | 17.0 | 54.5  | 16.9 | 56.5  | 16.8 | 59.0  | 16.7 | 61.0  | 16.6 | 62.5  | 16.5 | 64.0  | 16.3 | 65.5  | 16.2 | 66.5  |
| 30.0          | 15.5 | 51.0  | 15.3 | 54.0  | 15.1 | 56.0  | 15.0 | 58.5  | 14.9 | 60.0  | 14.8 | 62.0  | 14.7 | 63.5  | 14.6 | 64.5  |
| 32.0          | 14.1 | 47.5  | 13.9 | 50.5  | 13.7 | 53.5  | 13.5 | 56.0  | 13.4 | 58.5  | 13.3 | 59.5  | 13.2 | 61.0  | 13.0 | 62.5  |
| 34.0          | 13.0 | 44.0  | 12.8 | 47.5  | 12.6 | 50.5  | 12.4 | 53.0  | 12.3 | 55.5  | 12.2 | 57.5  | 12.1 | 59.5  | 12.0 | 60.5  |
| 36.0          | 12.0 | 40.0  | 11.8 | 44.0  | 11.6 | 47.5  | 11.4 | 50.5  | 11.3 | 53.0  | 11.2 | 55.0  | 11.1 | 57.0  | 11.0 | 58.5  |
| 38.0          | 11.1 | 36.0  | 10.9 | 40.5  | 10.8 | 44.5  | 10.6 | 47.5  | 10.5 | 50.5  | 10.4 | 52.5  | 10.3 | 54.5  | 10.2 | 56.5  |
| 40.0          | 10.4 | 31.0  | 10.1 | 36.0  | 9.9  | 41.0  | 9.7  | 44.5  | 9.6  | 47.5  | 9.5  | 50.0  | 9.4  | 52.5  | 9.3  | 54.5  |
| 42.0          |      |       | 9.3  | 32.5  | 9.1  | 37.5  | 8.9  | 41.5  | 8.8  | 45.0  | 8.7  | 47.5  | 8.5  | 50.0  | 8.3  | 52.5  |
| 44.0          |      |       |      |       | 8.4  | 33.5  | 8.3  | 38.0  | 8.2  | 42.0  | 8.1  | 45.0  | 7.8  | 47.5  | 7.7  | 50.0  |
| 46.0          |      |       |      |       |      |       | 7.6  | 34.5  | 7.5  | 39.0  | 7.5  | 42.0  | 7.0  | 45.0  | 7.0  | 47.5  |
| 48.0          |      |       |      |       |      |       | 7.1  | 30.5  | 6.9  | 35.5  | 6.8  | 39.5  | 6.4  | 42.5  | 6.4  | 45.5  |
| 50.0          |      |       |      |       |      |       |      |       | 6.4  | 31.5  | 6.3  | 36.0  | 6.0  | 39.5  | 5.9  | 43.0  |
| 52.0          |      |       |      |       |      |       |      |       |      |       | 5.8  | 32.5  | 5.4  | 37.0  | 5.4  | 40.0  |
| 54.0          |      |       |      |       |      |       |      |       |      |       | 5.2  | 29.0  | 5.0  | 33.5  | 5.0  | 37.5  |
| 56.0          |      |       |      |       |      |       |      |       |      |       |      |       | 4.5  | 30.0  | 4.5  | 34.5  |
| 58.0          |      |       |      |       |      |       |      |       |      |       |      |       |      |       | 4.1  | 31.0  |

# SPECIFICATIONS

(6) 150t spec. with mast

Unit : load (tf), angle (degrees)

| Boom leng.(m) | 45   |       | 48   |       | 51   |       | 54   |       | 57   |       | 60   |       | 63   |       | 66   |       | 69   |       |
|---------------|------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|
| Work rad.(m)  | Load | Angle | Load | Angle | Load | Angle | Load | Angle | Load | Angle | Load | Angle | Load | Angle | Load | Angle | Load | Angle |
| 10.0          | 69.6 | 79.5  |      |       |      |       |      |       |      |       |      |       |      |       |      |       |      |       |
| 12.0          | 53.7 | 77.0  | 53.6 | 77.5  | 53.5 | 78.5  | 53.4 | 79.0  | 53.3 | 79.5  |      |       |      |       |      |       |      |       |
| 14.0          | 43.6 | 74.0  | 43.5 | 75.0  | 43.4 | 76.0  | 43.3 | 77.0  | 43.2 | 77.5  | 43.0 | 78.0  | 42.8 | 78.5  | 41.8 | 79.5  | 41.7 | 79.5  |
| 16.0          | 37.3 | 71.5  | 36.5 | 72.5  | 36.4 | 73.5  | 36.3 | 74.5  | 36.2 | 75.5  | 36.0 | 76.0  | 35.8 | 77.0  | 35.6 | 77.5  | 35.2 | 78.0  |
| 18.0          | 32.0 | 69.5  | 31.9 | 70.0  | 31.2 | 71.5  | 31.1 | 72.5  | 31.0 | 73.5  | 30.8 | 74.0  | 30.6 | 75.0  | 30.4 | 75.5  | 30.1 | 76.5  |
| 20.0          | 27.4 | 66.0  | 27.3 | 67.5  | 27.2 | 69.0  | 26.6 | 70.0  | 26.5 | 71.5  | 26.4 | 72.0  | 26.3 | 73.0  | 26.2 | 74.0  | 26.1 | 74.5  |
| 22.0          | 24.2 | 63.0  | 24.1 | 65.0  | 24.0 | 66.5  | 23.9 | 68.0  | 23.8 | 69.0  | 23.2 | 70.0  | 23.1 | 71.0  | 23.0 | 72.0  | 22.9 | 73.0  |
| 24.0          | 21.4 | 60.0  | 21.3 | 62.5  | 21.2 | 64.0  | 21.0 | 65.5  | 20.9 | 67.0  | 20.8 | 68.0  | 20.2 | 69.0  | 20.1 | 70.0  | 20.0 | 71.0  |
| 26.0          | 19.2 | 52.0  | 19.1 | 59.5  | 19.0 | 61.5  | 18.9 | 63.0  | 18.8 | 64.5  | 18.7 | 66.0  | 18.5 | 67.5  | 18.4 | 68.5  | 17.9 | 69.5  |
| 28.0          | 17.3 | 54.0  | 17.2 | 56.5  | 17.1 | 59.0  | 17.0 | 61.0  | 16.9 | 62.5  | 16.8 | 64.0  | 16.6 | 65.5  | 16.5 | 66.5  | 16.1 | 67.5  |
| 30.0          | 15.8 | 51.0  | 15.6 | 54.0  | 15.4 | 56.0  | 15.3 | 58.5  | 15.2 | 60.0  | 15.1 | 62.0  | 15.0 | 63.5  | 14.9 | 64.5  | 14.5 | 66.0  |
| 32.0          | 14.4 | 47.5  | 14.2 | 50.5  | 14.0 | 53.5  | 13.8 | 56.0  | 13.7 | 58.0  | 13.6 | 59.5  | 13.5 | 61.0  | 13.3 | 62.5  | 12.9 | 64.0  |
| 34.0          | 13.3 | 44.0  | 13.1 | 47.5  | 12.9 | 50.5  | 12.6 | 53.0  | 12.5 | 53.5  | 12.4 | 57.5  | 12.3 | 59.0  | 12.2 | 60.5  | 11.9 | 62.0  |
| 36.0          | 12.2 | 40.0  | 12.0 | 44.0  | 11.8 | 47.5  | 11.6 | 50.5  | 11.5 | 53.0  | 11.4 | 55.0  | 11.3 | 57.0  | 11.2 | 58.5  | 10.9 | 60.0  |
| 38.0          | 11.3 | 36.0  | 11.1 | 40.5  | 11.0 | 44.5  | 10.8 | 47.5  | 10.7 | 50.5  | 10.6 | 52.5  | 10.5 | 54.5  | 10.4 | 56.5  | 10.0 | 58.0  |
| 40.0          | 10.6 | 31.0  | 10.3 | 36.5  | 10.1 | 41.0  | 9.9  | 44.5  | 9.8  | 47.5  | 9.7  | 50.0  | 9.6  | 52.5  | 9.5  | 54.5  | 9.1  | 56.0  |
| 42.0          |      |       | 9.5  | 32.5  | 9.3  | 37.5  | 9.1  | 41.5  | 9.0  | 45.0  | 8.9  | 47.5  | 8.7  | 50.0  | 8.5  | 52.5  | 8.2  | 54.0  |
| 44.0          |      |       |      |       | 8.7  | 33.5  | 8.5  | 38.0  | 8.4  | 42.0  | 8.3  | 45.0  | 8.0  | 47.5  | 7.9  | 50.0  | 7.6  | 52.0  |
| 46.0          |      |       |      |       |      |       | 7.8  | 34.5  | 7.7  | 39.0  | 7.7  | 42.0  | 7.1  | 45.0  | 7.1  | 47.5  | 6.9  | 50.0  |
| 48.0          |      |       |      |       |      |       | 7.2  | 30.5  | 7.0  | 35.5  | 6.9  | 39.5  | 6.5  | 42.5  | 6.5  | 45.5  | 6.3  | 47.5  |
| 50.0          |      |       |      |       |      |       |      |       | 6.5  | 31.5  | 6.4  | 36.0  | 6.1  | 39.5  | 6.0  | 43.0  | 5.7  | 45.5  |
| 52.0          |      |       |      |       |      |       |      |       |      |       | 5.9  | 32.5  | 5.5  | 37.0  | 5.5  | 40.0  | 5.2  | 43.0  |
| 54.0          |      |       |      |       |      |       |      |       |      |       | 5.3  | 29.0  | 5.1  | 33.5  | 5.1  | 37.5  | 4.7  | 40.5  |
| 56.0          |      |       |      |       |      |       |      |       |      |       |      |       | 4.6  | 30.0  | 4.6  | 34.5  | 4.3  | 38.0  |
| 58.0          |      |       |      |       |      |       |      |       |      |       |      |       |      |       | 4.2  | 31.0  | 3.9  | 35.0  |
| 60.0          |      |       |      |       |      |       |      |       |      |       |      |       |      |       |      |       | 3.6  | 32.0  |
| 62.0          |      |       |      |       |      |       |      |       |      |       |      |       |      |       |      |       | 3.2  | 28.5  |

| Boom leng.(m) | 72   |       | 75   |       | 78   |       | 81   |       | 84   |       |
|---------------|------|-------|------|-------|------|-------|------|-------|------|-------|
| Work rad.(m)  | Load | Angle | Load | Angle | Load | Angle | Load | Angle | Load | Angle |
| 10.0          |      |       |      |       |      |       |      |       |      |       |
| 12.0          |      |       |      |       |      |       |      |       |      |       |
| 14.0          |      |       |      |       |      |       |      |       |      |       |
| 16.0          | 34.9 | 78.5  | 34.7 | 79.0  | 28.5 | 79.5  | 21.0 | 80.0  |      |       |
| 18.0          | 29.8 | 77.0  | 29.6 | 77.5  | 26.5 | 78.0  | 20.1 | 78.5  | 19.0 | 79.0  |
| 20.0          | 26.0 | 75.5  | 25.9 | 76.0  | 24.6 | 76.5  | 19.3 | 77.0  | 18.5 | 77.5  |
| 22.0          | 22.8 | 73.5  | 22.6 | 74.5  | 21.7 | 75.0  | 18.4 | 75.5  | 18.0 | 76.0  |
| 24.0          | 19.8 | 72.0  | 19.7 | 72.5  | 19.0 | 73.5  | 17.6 | 74.0  | 17.8 | 74.5  |
| 26.0          | 17.7 | 70.5  | 17.6 | 71.0  | 17.5 | 72.0  | 16.7 | 72.5  | 16.5 | 73.0  |
| 28.0          | 15.9 | 68.5  | 15.8 | 69.5  | 15.7 | 70.5  | 15.5 | 71.0  | 15.3 | 71.5  |
| 30.0          | 14.3 | 67.0  | 14.2 | 68.0  | 14.1 | 68.5  | 14.0 | 69.5  | 13.8 | 70.0  |
| 32.0          | 12.8 | 65.0  | 12.7 | 66.0  | 12.6 | 67.0  | 12.5 | 68.0  | 12.3 | 69.0  |
| 34.0          | 11.6 | 63.5  | 11.4 | 64.5  | 11.3 | 65.5  | 11.2 | 66.5  | 11.0 | 67.5  |
| 36.0          | 10.6 | 61.5  | 10.4 | 62.5  | 10.1 | 64.0  | 10.0 | 65.0  | 9.8  | 66.0  |
| 38.0          | 9.6  | 59.5  | 9.4  | 61.0  | 9.2  | 62.0  | 9.1  | 63.5  | 8.9  | 64.0  |
| 40.0          | 8.6  | 58.0  | 8.5  | 59.0  | 8.3  | 60.5  | 8.2  | 61.5  | 8.0  | 63.0  |
| 42.0          | 7.9  | 56.0  | 7.8  | 57.5  | 7.6  | 59.0  | 7.3  | 60.0  | 7.1  | 61.5  |
| 44.0          | 7.3  | 54.0  | 7.1  | 55.5  | 6.9  | 57.0  | 6.6  | 58.5  | 6.4  | 59.5  |
| 46.0          | 6.6  | 52.0  | 6.4  | 53.5  | 6.2  | 55.5  | 6.0  | 57.0  | 5.8  | 58.0  |
| 48.0          | 6.0  | 50.0  | 5.8  | 52.0  | 5.6  | 53.5  | 5.3  | 55.0  | 5.1  | 56.5  |
| 50.0          | 5.4  | 48.0  | 5.3  | 50.0  | 5.0  | 51.5  | 4.8  | 53.5  | 4.6  | 55.0  |
| 52.0          | 4.9  | 45.5  | 4.7  | 48.0  | 4.5  | 50.0  | 4.3  | 51.5  | 4.1  | 53.0  |
| 54.0          | 4.4  | 43.5  | 4.2  | 45.5  | 4.0  | 48.0  | 3.8  | 49.5  | 3.6  | 51.5  |
| 56.0          | 4.0  | 41.0  | 3.8  | 43.5  | 3.5  | 46.0  | 3.4  | 48.0  | 3.2  | 49.5  |
| 58.0          | 3.6  | 39.5  | 3.4  | 41.0  | 3.1  | 43.5  | 2.9  | 46.0  | 2.7  | 48.0  |
| 60.0          | 3.2  | 35.5  | 3.0  | 39.0  | 2.7  | 41.5  | 2.5  | 44.0  | 2.3  | 46.0  |
| 62.0          | 2.8  | 33.0  | 2.6  | 36.5  | 2.4  | 39.0  | 2.2  | 42.0  | 2.0  | 44.0  |

# SPECIFICATIONS

(7) Aux.jib rated overall lifting load (150 ton spec. without mast)

Unit : load (tf),  
angle (degrees)

| Boom leng.(m)                   | 45         |            |            |            |            |           |           |           |           |           |           |           |
|---------------------------------|------------|------------|------------|------------|------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| Aux. jib leng.(m)               | 13         |            |            | 19         |            |           | 25        |           |           | 31        |           |           |
| Jib offset ang.<br>Work rad.(m) | 5°         | 15°        | 30°        | 5°         | 15°        | 30°       | 5°        | 15°       | 30°       | 5°        | 15°       | 30°       |
| 12.0                            | 15.0×13.6m |            |            |            |            |           |           |           |           |           |           |           |
| 14.0                            | 15.0       | 13.0×15.7m |            | 12.0×15.8m |            |           |           |           |           |           |           |           |
| 16.0                            | 15.0       | 13.0       |            | 12.0       |            |           | 8.0×17.5m |           |           |           |           |           |
| 18.0                            | 15.0       | 13.0       | 12.0×18.3m | 12.0       | 10.0×17.5m |           | 8.0       |           |           | 4.0×18.6m |           |           |
| 20.0                            | 15.0       | 13.0       | 12.0       | 12.0       | 10.0       |           | 8.0       |           |           | 4.0       |           |           |
| 22.0                            | 15.0       | 13.0       | 12.0       | 12.0       | 10.0       | 8.0×23.0m | 8.0       | 7.0×22.2m |           | 4.0       |           |           |
| 24.0                            | 15.0       | 13.0       | 12.0       | 12.0       | 10.0       | 8.0       | 8.0       | 7.0       |           | 4.0       | 3.5×24.5m |           |
| 26.0                            | 15.0       | 13.0       | 12.0       | 12.0       | 10.0       | 8.0       | 8.0       | 7.0       | 6.0×27.0m | 4.0       | 3.5       |           |
| 28.0                            | 15.0       | 13.0       | 12.0       | 12.0       | 10.0       | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       |           |
| 30.0                            | 15.0       | 13.0       | 12.0       | 12.0       | 10.0       | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0×30.5m |
| 32.0                            | 14.1       | 13.0       | 12.0       | 12.0       | 10.0       | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0       |
| 34.0                            | 13.0       | 13.0       | 12.0       | 12.0       | 10.0       | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0       |
| 36.0                            | 12.0       | 12.0       | 12.0       | 12.0       | 10.0       | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0       |
| 38.0                            | 11.1       | 11.1       | 11.1       | 11.1       | 10.0       | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0       |
| 40.0                            | 10.4       | 10.4       | 10.4       | 10.4       | 10.0       | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0       |
| 42.0                            |            |            |            |            |            |           |           |           |           |           |           |           |

| Boom leng.(m)                   | 48   |            |            |            |      |           |           |           |           |           |           |           |
|---------------------------------|------|------------|------------|------------|------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| Aux. jib leng.(m)               | 13   |            |            | 19         |      |           | 25        |           |           | 31        |           |           |
| Jib offset ang.<br>Work rad.(m) | 5°   | 15°        | 30°        | 5°         | 15°  | 30°       | 5°        | 15°       | 30°       | 5°        | 15°       | 30°       |
| 12.0                            |      |            |            |            |      |           |           |           |           |           |           |           |
| 14.0                            | 15.0 |            |            |            |      |           |           |           |           |           |           |           |
| 16.0                            | 15.0 | 13.0×10.3m |            | 12.0×16.3m |      |           |           |           |           |           |           |           |
| 18.0                            | 15.0 | 13.0       | 12.0×18.5m | 12.0       |      |           |           |           |           |           |           |           |
| 20.0                            | 15.0 | 13.0       | 12.0       | 12.0       |      |           | 8.0×20.2m |           |           | 4.0×21.5m |           |           |
| 22.0                            | 15.0 | 13.0       | 12.0       | 12.0       | 10.0 |           | 8.0       |           |           | 4.0       |           |           |
| 24.0                            | 15.0 | 13.0       | 12.0       | 12.0       | 10.0 | 8.0×25.5m | 8.0       | 7.0×24.2m |           | 4.0       |           |           |
| 26.0                            | 15.0 | 13.0       | 12.0       | 12.0       | 10.0 | 8.0       | 8.0       | 7.0       |           | 4.0       | 3.5×27.4m |           |
| 28.0                            | 15.0 | 13.0       | 12.0       | 12.0       | 10.0 | 8.0       | 8.0       | 7.0       | 6.0×29.5m | 4.0       | 3.5       |           |
| 30.0                            | 15.0 | 13.0       | 12.0       | 12.0       | 10.0 | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       |           |
| 32.0                            | 13.9 | 13.0       | 12.0       | 12.0       | 10.0 | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0×33.1m |
| 34.0                            | 12.8 | 12.8       | 12.0       | 12.0       | 10.0 | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0       |
| 36.0                            | 11.8 | 11.8       | 11.8       | 11.8       | 10.0 | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0       |
| 38.0                            | 10.9 | 10.9       | 10.9       | 10.9       | 10.0 | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0       |
| 40.0                            | 10.1 | 10.1       | 10.1       | 10.1       | 10.0 | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0       |
| 42.0                            | 9.3  | 9.3        | 9.3        | 9.3        | 9.3  | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0       |

| Boom leng.(m)                   | 51         |            |            |            |            |           |           |           |           |           |           |           |
|---------------------------------|------------|------------|------------|------------|------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| Aux. jib leng.(m)               | 13         |            |            | 19         |            |           | 25        |           |           | 31        |           |           |
| Jib offset ang.<br>Work rad.(m) | 5°         | 15°        | 30°        | 5°         | 15°        | 30°       | 5°        | 15°       | 30°       | 5°        | 15°       | 30°       |
| 12.0                            |            |            |            |            |            |           |           |           |           |           |           |           |
| 14.0                            | 15.0×15.8m |            |            |            |            |           |           |           |           |           |           |           |
| 16.0                            | 15.0       |            |            |            |            |           |           |           |           |           |           |           |
| 18.0                            | 15.0       | 13.0×18.2m |            | 12.0×18.1m |            |           | 8.0×19.9m |           |           |           |           |           |
| 20.0                            | 15.0       | 13.0       | 12.0×20.5m | 12.0       | 10.0×21.7m |           | 8.0       |           |           | 4.0×21.1m |           |           |
| 22.0                            | 15.0       | 13.0       | 12.0       | 12.0       | 10.0       |           | 8.0       |           |           | 4.0       |           |           |
| 24.0                            | 15.0       | 13.0       | 12.0       | 12.0       | 10.0       | 8.0×25.3m | 8.0       | 7.0×24.6m |           | 4.0       |           |           |
| 26.0                            | 15.0       | 13.0       | 12.0       | 12.0       | 10.0       | 8.0       | 8.0       | 7.0       |           | 4.0       | 3.5×27.5m |           |
| 28.0                            | 15.0       | 13.0       | 12.0       | 12.0       | 10.0       | 8.0       | 8.0       | 7.0       | 6.0×29.3m | 4.0       | 3.5       |           |
| 30.0                            | 15.0       | 13.0       | 12.0       | 12.0       | 10.0       | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       |           |
| 32.0                            | 13.7       | 13.0       | 12.0       | 12.0       | 10.0       | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0×32.9m |
| 34.0                            | 12.6       | 12.6       | 12.0       | 12.0       | 10.0       | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0       |
| 36.0                            | 11.6       | 11.6       | 11.6       | 11.6       | 10.0       | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0       |
| 38.0                            | 10.8       | 10.8       | 10.8       | 10.8       | 10.0       | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0       |
| 40.0                            | 9.9        | 9.9        | 9.9        | 9.9        | 9.9        | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0       |
| 42.0                            | 9.1        | 9.1        | 9.1        | 9.1        | 9.1        | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0       |
| 44.0                            | 8.4        | 8.4        | 8.4        | 8.4        | 8.4        | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0       |
| 46.0                            |            |            |            |            |            |           |           |           |           |           |           |           |
| 48.0                            |            |            |            |            |            |           |           |           |           |           |           |           |

# SPECIFICATIONS

| 5 4               |            |      |            |            |            |           |           |           |           |           |           |           |
|-------------------|------------|------|------------|------------|------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| Boom leng.(m)     | 13         |      |            | 19         |            |           | 25        |           |           | 31        |           |           |
| Aux. jib leng.(m) |            |      |            |            |            |           |           |           |           |           |           |           |
| Jib offset ang.   | 5°         | 15°  | 30°        | 5°         | 15°        | 30°       | 5°        | 15°       | 30°       | 5°        | 15°       | 30°       |
| Work rad.(m)      |            |      |            |            |            |           |           |           |           |           |           |           |
| 12.0              |            |      |            |            |            |           |           |           |           |           |           |           |
| 14.0              | 15.0×15.7m |      |            |            |            |           |           |           |           |           |           |           |
| 16.0              | 15.0       |      |            | 12.0×17.9m |            |           |           |           |           |           |           |           |
| 18.0              | 15.0       | 13.0 |            | 12.0       |            |           | 8.0×19.6m |           |           |           |           |           |
| 20.0              | 15.0       | 13.0 | 12.0×20.4m | 12.0       |            |           | 8.0       |           |           | 4.0×20.8m |           |           |
| 22.0              | 15.0       | 13.0 | 12.0       | 12.0       | 10.0×21.5m |           | 8.0       |           |           | 4.0       |           |           |
| 24.0              | 15.0       | 13.0 | 12.0       | 12.0       | 10.0       | 8.0×25.1m | 8.0       | 7.0×24.4m |           | 4.0       |           |           |
| 26.0              | 15.0       | 13.0 | 12.0       | 12.0       | 10.0       | 8.0       | 8.0       | 7.0       |           | 4.0       | 3.5×26.7m |           |
| 28.0              | 15.0       | 13.0 | 12.0       | 12.0       | 10.0       | 8.0       | 8.0       | 7.0       | 6.0×29.1m | 4.0       | 3.5       |           |
| 30.0              | 15.0       | 13.0 | 12.0       | 12.0       | 10.0       | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       |           |
| 32.0              | 13.5       | 13.0 | 12.0       | 12.0       | 10.0       | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0×32.7m |
| 34.0              | 12.4       | 12.4 | 12.0       | 12.0       | 10.0       | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0       |
| 36.0              | 11.4       | 11.4 | 11.4       | 11.4       | 10.0       | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0       |
| 38.0              | 10.6       | 10.6 | 10.6       | 10.6       | 10.0       | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0       |
| 40.0              | 9.7        | 9.7  | 9.7        | 9.7        | 9.7        | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0       |
| 42.0              | 8.9        | 8.9  | 8.9        | 8.9        | 8.9        | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0       |
| 44.0              | 8.3        | 8.3  | 8.3        | 8.3        | 8.3        | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0       |
| 46.0              | 7.6        | 7.6  | 7.6        | 7.6        | 7.6        | 7.6       | 7.6       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0       |
| 48.0              |            | 7.1  | 7.1        | 7.1        | 7.1        | 7.1       | 7.1       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0       |

| 5 7               |            |            |            |            |            |           |           |           |           |           |           |           |
|-------------------|------------|------------|------------|------------|------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| Boom leng.(m)     | 13         |            |            | 19         |            |           | 25        |           |           | 31        |           |           |
| Aux. jib leng.(m) |            |            |            |            |            |           |           |           |           |           |           |           |
| Jib offset ang.   | 5°         | 15°        | 30°        | 5°         | 15°        | 30°       | 5°        | 15°       | 30°       | 5°        | 15°       | 30°       |
| Work rad.(m)      |            |            |            |            |            |           |           |           |           |           |           |           |
| 14.0              | 15.0×15.0m |            |            |            |            |           |           |           |           |           |           |           |
| 16.0              | 15.0       | 13.0×17.0m |            | 12.0×17.7m |            |           |           |           |           |           |           |           |
| 18.0              | 15.0       | 13.0       |            | 12.0       |            |           | 8.0×19.4m |           |           |           |           |           |
| 20.0              | 15.0       | 13.0       | 12.0×20.3m | 12.0       | 10.0×21.4m |           | 8.0       |           |           | 4.0×20.5m |           |           |
| 22.0              | 15.0       | 13.0       | 12.0       | 12.0       | 10.0       |           | 8.0       |           |           | 4.0       |           |           |
| 24.0              | 15.0       | 13.0       | 12.0       | 12.0       | 10.0       | 8.0×25.0m | 8.0       | 7.0×24.1m |           | 4.0       |           |           |
| 26.0              | 15.0       | 13.0       | 12.0       | 12.0       | 10.0       | 8.0       | 8.0       | 7.0       |           | 4.0       | 3.5×20.4m |           |
| 28.0              | 15.0       | 13.0       | 12.0       | 12.0       | 10.0       | 8.0       | 8.0       | 7.0       | 6.0×28.9m | 4.0       | 3.5       |           |
| 30.0              | 14.9       | 13.0       | 12.0       | 12.0       | 10.0       | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0×32.4m |
| 32.0              | 13.4       | 13.0       | 12.0       | 12.0       | 10.0       | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0       |
| 34.0              | 12.3       | 12.3       | 12.0       | 12.0       | 10.0       | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0       |
| 36.0              | 11.3       | 11.3       | 11.3       | 11.3       | 10.0       | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0       |
| 38.0              | 10.5       | 10.5       | 10.5       | 10.5       | 10.0       | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0       |
| 40.0              | 9.6        | 9.6        | 9.6        | 9.6        | 9.6        | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0       |
| 42.0              | 8.8        | 8.8        | 8.8        | 8.8        | 8.8        | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0       |
| 44.0              | 8.2        | 8.2        | 8.2        | 8.2        | 8.2        | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0       |
| 46.0              | 7.5        | 7.5        | 7.5        | 7.5        | 7.5        | 7.5       | 7.5       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0       |
| 48.0              | 6.9        | 6.9        | 6.9        | 6.9        | 6.9        | 6.9       | 6.9       | 6.9       | 6.0       | 4.0       | 3.5       | 3.0       |
| 50.0              | 6.4        | 6.4        | 6.4        | 6.4        | 6.4        | 6.4       | 6.4       | 6.4       | 6.0       | 4.0       | 3.5       | 3.0       |
| 52.0              |            |            |            |            |            |           |           |           |           |           |           |           |
| 54.0              |            |            |            |            |            |           |           |           |           |           |           |           |

| 6 0               |            |            |            |            |            |           |           |           |           |           |           |           |
|-------------------|------------|------------|------------|------------|------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| Boom leng.(m)     | 13         |            |            | 19         |            |           | 25        |           |           | 31        |           |           |
| Aux. jib leng.(m) |            |            |            |            |            |           |           |           |           |           |           |           |
| Jib offset ang.   | 5°         | 15°        | 30°        | 5°         | 15°        | 30°       | 5°        | 15°       | 30°       | 5°        | 15°       | 30°       |
| Work rad.(m)      |            |            |            |            |            |           |           |           |           |           |           |           |
| 14.0              |            |            |            |            |            |           |           |           |           |           |           |           |
| 16.0              | 15.0×17.9m |            |            |            |            |           |           |           |           |           |           |           |
| 18.0              | 15.0       |            |            |            |            |           |           |           |           |           |           |           |
| 20.0              | 15.0       | 13.0×20.2m |            | 12.0×20.2m |            |           |           |           |           |           |           |           |
| 22.0              | 15.0       | 13.0       | 12.0×22.5m | 12.0       | 10.0×23.8m |           | 8.0×22.0m |           |           | 4.0×23.2m |           |           |
| 24.0              | 15.0       | 13.0       | 12.0       | 12.0       | 10.0       |           | 8.0       |           |           | 4.0       |           |           |
| 26.0              | 15.0       | 13.0       | 12.0       | 12.0       | 10.0       | 8.0×27.3m | 8.0       | 7.0×20.7m |           | 4.0       |           |           |
| 28.0              | 15.0       | 13.0       | 12.0       | 12.0       | 10.0       | 8.0       | 8.0       | 7.0       |           | 4.0       | 3.5×29.1m |           |
| 30.0              | 14.8       | 13.0       | 12.0       | 12.0       | 10.0       | 8.0       | 8.0       | 7.0       | 6.0×31.4m | 4.0       | 3.5       |           |
| 32.0              | 13.3       | 13.0       | 12.0       | 12.0       | 10.0       | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       |           |
| 34.0              | 12.2       | 12.2       | 12.0       | 12.0       | 10.0       | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0×35.0m |
| 36.0              | 11.2       | 11.2       | 11.2       | 11.2       | 10.0       | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0       |
| 38.0              | 10.4       | 10.4       | 10.4       | 10.4       | 10.0       | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0       |
| 40.0              | 9.5        | 9.5        | 9.5        | 9.5        | 9.5        | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0       |
| 42.0              | 8.7        | 8.7        | 8.7        | 8.7        | 8.7        | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0       |
| 44.0              | 8.1        | 8.1        | 8.1        | 8.1        | 8.1        | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0       |
| 46.0              | 7.5        | 7.5        | 7.5        | 7.5        | 7.5        | 7.5       | 7.5       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0       |
| 48.0              | 6.8        | 6.8        | 6.8        | 6.8        | 6.8        | 6.8       | 6.8       | 6.8       | 6.0       | 4.0       | 3.5       | 3.0       |
| 50.0              | 6.3        | 6.3        | 6.3        | 6.3        | 6.3        | 6.3       | 6.3       | 6.3       | 6.0       | 4.0       | 3.5       | 3.0       |
| 52.0              | 5.8        | 5.8        | 5.8        | 5.8        | 5.8        | 5.8       | 5.8       | 5.8       | 5.8       | 4.0       | 3.5       | 3.0       |
| 54.0              | 5.2        | 5.2        | 5.2        | 5.2        | 5.2        | 5.2       | 5.2       | 5.2       | 5.2       | 4.0       | 3.5       | 3.0       |

# SPECIFICATIONS

Unit : load (tf), angle (degrees)

| Boom leng.(m)                   | 63         |            |            |      |            |           |           |           |           |           |           |           |
|---------------------------------|------------|------------|------------|------|------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| Aux. jib leng.(m)               | 13         |            |            | 19   |            |           | 25        |           |           | 31        |           |           |
| Jib offset ang.<br>Work rad.(m) | 5°         | 15°        | 30°        | 5°   | 15°        | 30°       | 5°        | 15°       | 30°       | 5°        | 15°       | 30°       |
| 16.0                            | 15.0×17.8m |            |            |      |            |           |           |           |           |           |           |           |
| 18.0                            | 15.0       |            |            |      |            |           |           |           |           |           |           |           |
| 20.0                            | 15.0       | 13.0×20.1m |            |      |            |           | 8.0×21.7m |           |           |           |           |           |
| 22.0                            | 15.0       | 13.0       | 12.0×22.4m | 12.0 | 10.0×23.6m |           | 8.0       |           |           | 4.0×22.9m |           |           |
| 24.0                            | 15.0       | 13.0       | 12.0       | 12.0 | 10.0       |           | 8.0       |           |           | 4.0       |           |           |
| 26.0                            | 15.0       | 13.0       | 12.0       | 12.0 | 10.0       | 8.0×27.2m | 8.0       | 7.0×26.5m |           | 4.0       |           |           |
| 28.0                            | 15.0       | 13.0       | 12.0       | 12.0 | 10.0       | 8.0       | 8.0       | 7.0       |           | 4.0       | 3.5×28.8m |           |
| 30.0                            | 14.7       | 13.0       | 12.0       | 12.0 | 10.0       | 8.0       | 8.0       | 7.0       | 6.0×31.2m | 4.0       | 3.5       |           |
| 32.0                            | 13.2       | 13.0       | 12.0       | 12.0 | 10.0       | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       |           |
| 34.0                            | 12.1       | 12.1       | 12.0       | 12.0 | 10.0       | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0×34.8m |
| 36.0                            | 11.1       | 11.1       | 11.1       | 11.1 | 10.0       | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0       |
| 38.0                            | 10.3       | 10.3       | 10.3       | 10.3 | 10.0       | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0       |
| 40.0                            | 9.4        | 9.4        | 9.4        | 9.4  | 9.4        | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0       |
| 42.0                            | 8.5        | 8.5        | 8.5        | 8.5  | 8.5        | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0       |
| 44.0                            | 7.8        | 7.8        | 7.8        | 7.8  | 7.8        | 7.8       | 7.8       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0       |
| 46.0                            | 7.0        | 7.0        | 7.0        | 7.0  | 7.0        | 7.0       | 7.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0       |
| 48.0                            | 6.4        | 6.4        | 6.4        | 6.4  | 6.4        | 6.4       | 6.4       | 6.4       | 6.0       | 4.0       | 3.5       | 3.0       |
| 50.0                            | 6.0        | 6.0        | 6.0        | 6.0  | 6.0        | 6.0       | 6.0       | 6.0       | 6.0       | 4.0       | 3.5       | 3.0       |
| 52.0                            | 5.4        | 5.4        | 5.4        | 5.4  | 5.4        | 5.4       | 5.4       | 5.4       | 5.4       | 4.0       | 3.5       | 3.0       |
| 54.0                            | 5.0        | 5.0        | 5.0        | 5.0  | 5.0        | 5.0       | 5.0       | 5.0       | 5.0       | 4.0       | 3.5       | 3.0       |
| 56.0                            | 4.5        | 4.5        | 4.5        | 4.5  | 4.5        | 4.5       | 4.5       | 4.5       | 4.5       | 4.0       | 3.5       | 3.0       |
| 58.0                            |            |            |            |      |            |           |           |           |           |           |           |           |

| Boom leng.(m)                   | 66         |      |            |            |            |           |           |           |           |           |           |           |
|---------------------------------|------------|------|------------|------------|------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| Aux. jib leng.(m)               | 13         |      |            | 19         |            |           | 25        |           |           | 31        |           |           |
| Jib offset ang.<br>Work rad.(m) | 5°         | 15°  | 30°        | 5°         | 15°        | 30°       | 5°        | 15°       | 30°       | 5°        | 15°       | 30°       |
| 16.0                            | 15.0×17.7m |      |            |            |            |           |           |           |           |           |           |           |
| 18.0                            | 15.0       |      |            | 12.0×19.8m |            |           |           |           |           |           |           |           |
| 20.0                            | 15.0       | 13.0 |            | 12.0       |            |           | 8.0×21.5m |           |           |           |           |           |
| 22.0                            | 15.0       | 13.0 | 12.0×22.3m | 12.0       | 10.0×23.5m |           | 8.0       |           |           | 4.0×22.7m |           |           |
| 24.0                            | 15.0       | 13.0 | 12.0       | 12.0       | 10.0       |           | 8.0       |           |           | 4.0       |           |           |
| 26.0                            | 15.0       | 13.0 | 12.0       | 12.0       | 10.0       | 8.0×27.1m | 8.0       | 7.0×26.3m |           | 4.0       |           |           |
| 28.0                            | 15.0       | 13.0 | 12.0       | 12.0       | 10.0       | 8.0       | 8.0       | 7.0       |           | 4.0       | 3.5×28.6m |           |
| 30.0                            | 14.6       | 13.0 | 12.0       | 12.0       | 10.0       | 8.0       | 8.0       | 7.0       | 6.0×31.0m | 4.0       | 3.5       |           |
| 32.0                            | 13.0       | 13.0 | 12.0       | 12.0       | 10.0       | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0×35.0m |
| 34.0                            | 12.0       | 12.0 | 12.0       | 12.0       | 10.0       | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0       |
| 36.0                            | 11.0       | 11.0 | 11.0       | 11.0       | 10.0       | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0       |
| 38.0                            | 10.2       | 10.2 | 10.2       | 10.2       | 10.0       | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0       |
| 40.0                            | 9.3        | 9.3  | 9.3        | 9.3        | 9.3        | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0       |
| 42.0                            | 8.3        | 8.3  | 8.3        | 8.3        | 8.3        | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0       |
| 44.0                            | 7.7        | 7.7  | 7.7        | 7.7        | 7.7        | 7.7       | 7.7       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0       |
| 46.0                            | 7.0        | 7.0  | 7.0        | 7.0        | 7.0        | 7.0       | 7.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0       |
| 48.0                            | 6.4        | 6.4  | 6.4        | 6.4        | 6.4        | 6.4       | 6.4       | 6.4       | 6.0       | 4.0       | 3.5       | 3.0       |
| 50.0                            | 5.9        | 5.9  | 5.9        | 5.9        | 5.9        | 5.9       | 5.9       | 5.9       | 5.9       | 4.0       | 3.5       | 3.0       |
| 52.0                            | 5.4        | 5.4  | 5.4        | 5.4        | 5.4        | 5.4       | 5.4       | 5.4       | 5.4       | 4.0       | 3.5       | 3.0       |
| 54.0                            | 5.0        | 5.0  | 5.0        | 5.0        | 5.0        | 5.0       | 5.0       | 5.0       | 5.0       | 4.0       | 3.5       | 3.0       |
| 56.0                            | 4.5        | 4.5  | 4.5        | 4.5        | 4.5        | 4.5       | 4.5       | 4.5       | 4.5       | 4.0       | 3.5       | 3.0       |
| 58.0                            | 4.1        | 4.1  | 4.1        | 4.1        | 4.1        | 4.1       | 4.1       | 4.1       | 4.1       | 4.0       | 3.5       | 3.0       |

# SPECIFICATIONS

(8) Aux.jib rated overall lifting load (150 ton spec. with mast)

Unit : load (tf),  
angle (degrees)

| Boom leng.(m)                   | 4 5        |            |            |            |            |           |           |           |           |           |           |           |
|---------------------------------|------------|------------|------------|------------|------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| Aux. jib leng.(m)               | 1 3        |            |            | 1 9        |            |           | 2 5       |           |           | 3 1       |           |           |
| Jib offset ang.<br>Work rad.(m) | 5 °        | 15 °       | 30 °       | 5 °        | 15 °       | 30 °      | 5 °       | 15 °      | 30 °      | 5 °       | 15 °      | 30 °      |
| 12.0                            | 15.0×13.6m |            |            |            |            |           |           |           |           |           |           |           |
| 14.0                            | 15.0       | 13.0×15.7m |            | 12.0×15.8m |            |           |           |           |           |           |           |           |
| 16.0                            | 15.0       | 13.0       |            | 12.0       |            |           | 8.0×17.5m |           |           |           |           |           |
| 18.0                            | 15.0       | 13.0       | 12.0×18.3m | 12.0       | 10.0×17.5m |           | 8.0       |           |           | 4.0×18.6m |           |           |
| 20.0                            | 15.0       | 13.0       | 12.0       | 12.0       | 10.0       |           | 8.0       |           |           | 4.0       |           |           |
| 22.0                            | 15.0       | 13.0       | 12.0       | 12.0       | 10.0       | 8.0×23.0m | 8.0       | 7.0×22.2m |           | 4.0       |           |           |
| 24.0                            | 15.0       | 13.0       | 12.0       | 12.0       | 10.0       | 8.0       | 8.0       | 7.0       |           | 4.0       | 3.5×24.5m |           |
| 26.0                            | 15.0       | 13.0       | 12.0       | 12.0       | 10.0       | 8.0       | 8.0       | 7.0       | 6.0×27.0m | 4.0       | 3.5       |           |
| 28.0                            | 15.0       | 13.0       | 12.0       | 12.0       | 10.0       | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       |           |
| 30.0                            | 15.0       | 13.0       | 12.0       | 12.0       | 10.0       | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0×30.5m |
| 32.0                            | 14.4       | 13.0       | 12.0       | 12.0       | 10.0       | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0       |
| 34.0                            | 13.3       | 13.0       | 12.0       | 12.0       | 10.0       | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0       |
| 36.0                            | 12.2       | 12.2       | 12.0       | 12.0       | 10.0       | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0       |
| 38.0                            | 11.3       | 11.3       | 11.3       | 11.3       | 10.0       | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0       |
| 40.0                            | 10.6       | 10.6       | 10.6       | 10.6       | 10.0       | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0       |
| 42.0                            |            |            |            |            |            |           |           |           |           |           |           |           |

| Boom leng.(m)                   | 4 8  |            |            |            |      |           |           |           |           |           |           |           |
|---------------------------------|------|------------|------------|------------|------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| Aux. jib leng.(m)               | 1 3  |            |            | 1 9        |      |           | 2 5       |           |           | 3 1       |           |           |
| Jib offset ang.<br>Work rad.(m) | 5 °  | 15 °       | 30 °       | 5 °        | 15 ° | 30 °      | 5 °       | 15 °      | 30 °      | 5 °       | 15 °      | 30 °      |
| 12.0                            |      |            |            |            |      |           |           |           |           |           |           |           |
| 14.0                            | 15.0 |            |            |            |      |           |           |           |           |           |           |           |
| 16.0                            | 15.0 | 13.0×10.3m |            | 12.0×16.3m |      |           |           |           |           |           |           |           |
| 18.0                            | 15.0 | 13.0       | 12.0×18.5m | 12.0       |      |           |           |           |           |           |           |           |
| 20.0                            | 15.0 | 13.0       | 12.0       | 12.0       |      |           | 8.0×20.2m |           |           | 4.0×21.5m |           |           |
| 22.0                            | 15.0 | 13.0       | 12.0       | 12.0       | 10.0 |           | 8.0       |           |           | 4.0       |           |           |
| 24.0                            | 15.0 | 13.0       | 12.0       | 12.0       | 10.0 | 8.0×25.5m | 8.0       | 7.0×24.2m |           | 4.0       |           |           |
| 26.0                            | 15.0 | 13.0       | 12.0       | 12.0       | 10.0 | 8.0       | 8.0       | 7.0       |           | 4.0       | 3.5×27.4m |           |
| 28.0                            | 15.0 | 13.0       | 12.0       | 12.0       | 10.0 | 8.0       | 8.0       | 7.0       | 6.0×29.5m | 4.0       | 3.5       |           |
| 30.0                            | 15.0 | 13.0       | 12.0       | 12.0       | 10.0 | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       |           |
| 32.0                            | 14.2 | 13.0       | 12.0       | 12.0       | 10.0 | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0×33.1m |
| 34.0                            | 13.1 | 13.0       | 12.0       | 12.0       | 10.0 | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0       |
| 36.0                            | 12.0 | 12.0       | 12.0       | 12.0       | 10.0 | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0       |
| 38.0                            | 11.1 | 11.1       | 11.1       | 11.1       | 10.0 | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0       |
| 40.0                            | 10.3 | 10.3       | 10.3       | 10.3       | 10.0 | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0       |
| 42.0                            | 9.5  | 9.5        | 9.5        | 9.5        | 9.5  | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0       |

| Boom leng.(m)                   | 5 1        |            |            |            |            |           |           |           |           |           |           |           |
|---------------------------------|------------|------------|------------|------------|------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| Aux. jib leng.(m)               | 1 3        |            |            | 1 9        |            |           | 2 5       |           |           | 3 1       |           |           |
| Jib offset ang.<br>Work rad.(m) | 5 °        | 15 °       | 30 °       | 5 °        | 15 °       | 30 °      | 5 °       | 15 °      | 30 °      | 5 °       | 15 °      | 30 °      |
| 12.0                            |            |            |            |            |            |           |           |           |           |           |           |           |
| 14.0                            | 15.0×15.8m |            |            |            |            |           |           |           |           |           |           |           |
| 16.0                            | 15.0       |            |            |            |            |           |           |           |           |           |           |           |
| 18.0                            | 15.0       | 13.0×18.2m |            | 12.0×18.1m |            |           | 8.0×19.9m |           |           |           |           |           |
| 20.0                            | 15.0       | 13.0       | 12.0×20.5m | 12.0       | 10.0×21.7m |           | 8.0       |           |           | 4.0×21.1m |           |           |
| 22.0                            | 15.0       | 13.0       | 12.0       | 12.0       | 10.0       |           | 8.0       |           |           | 4.0       |           |           |
| 24.0                            | 15.0       | 13.0       | 12.0       | 12.0       | 10.0       | 8.0×25.3m | 8.0       | 7.0×24.6m |           | 4.0       |           |           |
| 26.0                            | 15.0       | 13.0       | 12.0       | 12.0       | 10.0       | 8.0       | 8.0       | 7.0       |           | 4.0       | 3.5×27.5m |           |
| 28.0                            | 15.0       | 13.0       | 12.0       | 12.0       | 10.0       | 8.0       | 8.0       | 7.0       | 6.0×29.3m | 4.0       | 3.5       |           |
| 30.0                            | 15.0       | 13.0       | 12.0       | 12.0       | 10.0       | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       |           |
| 32.0                            | 14.0       | 13.0       | 12.0       | 12.0       | 10.0       | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0×32.9m |
| 34.0                            | 12.9       | 12.9       | 12.0       | 12.0       | 10.0       | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0       |
| 36.0                            | 11.8       | 11.8       | 11.8       | 11.8       | 10.0       | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0       |
| 38.0                            | 11.0       | 11.0       | 11.0       | 11.0       | 10.0       | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0       |
| 40.0                            | 10.1       | 10.1       | 10.1       | 10.1       | 10.0       | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0       |
| 42.0                            | 9.3        | 9.3        | 9.3        | 9.3        | 9.3        | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0       |
| 44.0                            | 8.7        | 8.7        | 8.7        | 8.7        | 8.7        | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0       |
| 46.0                            |            |            |            |            |            |           |           |           |           |           |           |           |
| 48.0                            |            |            |            |            |            |           |           |           |           |           |           |           |

# SPECIFICATIONS

| Boom leng.(m)                   | 54         |      |            |            |            |           |           |           |           |           |           |           |
|---------------------------------|------------|------|------------|------------|------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| Aux. jib leng.(m)               | 13         |      |            | 19         |            |           | 25        |           |           | 31        |           |           |
| Jib offset ang.<br>Work rad.(m) | 5°         | 15°  | 30°        | 5°         | 15°        | 30°       | 5°        | 15°       | 30°       | 5°        | 15°       | 30°       |
| 12.0                            |            |      |            |            |            |           |           |           |           |           |           |           |
| 14.0                            | 15.0×15.7m |      |            |            |            |           |           |           |           |           |           |           |
| 16.0                            | 15.0       |      |            | 12.0×17.9m |            |           |           |           |           |           |           |           |
| 18.0                            | 15.0       | 13.0 |            | 12.0       |            |           | 8.0×19.6m |           |           |           |           |           |
| 20.0                            | 15.0       | 13.0 | 12.0×20.4m | 12.0       |            |           | 8.0       |           |           | 4.0×20.8m |           |           |
| 22.0                            | 15.0       | 13.0 | 12.0       | 12.0       | 10.0×21.5m |           | 8.0       |           |           | 4.0       |           |           |
| 24.0                            | 15.0       | 13.0 | 12.0       | 12.0       | 10.0       | 8.0×25.1m | 8.0       | 7.0×24.4m |           | 4.0       |           |           |
| 26.0                            | 15.0       | 13.0 | 12.0       | 12.0       | 10.0       | 8.0       | 8.0       | 7.0       |           | 4.0       | 3.5×26.7m |           |
| 28.0                            | 15.0       | 13.0 | 12.0       | 12.0       | 10.0       | 8.0       | 8.0       | 7.0       | 6.0×29.1m | 4.0       | 3.5       |           |
| 30.0                            | 15.0       | 13.0 | 12.0       | 12.0       | 10.0       | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       |           |
| 32.0                            | 13.8       | 13.0 | 12.0       | 12.0       | 10.0       | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0×32.7m |
| 34.0                            | 12.6       | 12.6 | 12.0       | 12.0       | 10.0       | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0       |
| 36.0                            | 11.6       | 11.6 | 11.6       | 11.6       | 10.0       | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0       |
| 38.0                            | 10.8       | 10.8 | 10.8       | 10.8       | 10.0       | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0       |
| 40.0                            | 9.9        | 9.9  | 9.9        | 9.9        | 9.9        | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0       |
| 42.0                            | 9.1        | 9.1  | 9.1        | 9.1        | 9.1        | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0       |
| 44.0                            | 8.5        | 8.5  | 8.5        | 8.5        | 8.5        | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0       |
| 46.0                            | 7.8        | 7.8  | 7.8        | 7.8        | 7.8        | 7.8       | 7.8       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0       |
| 48.0                            | 7.2        | 7.2  | 7.2        | 7.2        | 7.2        | 7.2       | 7.2       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0       |

| Boom leng.(m)                   | 57         |            |            |            |            |           |           |           |           |           |           |           |
|---------------------------------|------------|------------|------------|------------|------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| Aux. jib leng.(m)               | 13         |            |            | 19         |            |           | 25        |           |           | 31        |           |           |
| Jib offset ang.<br>Work rad.(m) | 5°         | 15°        | 30°        | 5°         | 15°        | 30°       | 5°        | 15°       | 30°       | 5°        | 15°       | 30°       |
| 14.0                            | 15.0×15.0m |            |            |            |            |           |           |           |           |           |           |           |
| 16.0                            | 15.0       | 13.0×17.0m |            | 12.0×17.7m |            |           |           |           |           |           |           |           |
| 18.0                            | 15.0       | 13.0       |            | 12.0       |            |           | 8.0×19.4m |           |           |           |           |           |
| 20.0                            | 15.0       | 13.0       | 12.0×20.3m | 12.0       | 10.0×21.4m |           | 8.0       |           |           | 4.0×20.5m |           |           |
| 22.0                            | 15.0       | 13.0       | 12.0       | 12.0       | 10.0       |           | 8.0       |           |           | 4.0       |           |           |
| 24.0                            | 15.0       | 13.0       | 12.0       | 12.0       | 10.0       | 8.0×25.0m | 8.0       | 7.0×24.1m |           | 4.0       |           |           |
| 26.0                            | 15.0       | 13.0       | 12.0       | 12.0       | 10.0       | 8.0       | 8.0       | 7.0       |           | 4.0       | 3.5×20.4m |           |
| 28.0                            | 15.0       | 13.0       | 12.0       | 12.0       | 10.0       | 8.0       | 8.0       | 7.0       | 6.0×28.9m | 4.0       | 3.5       |           |
| 30.0                            | 15.0       | 13.0       | 12.0       | 12.0       | 10.0       | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       |           |
| 32.0                            | 13.7       | 13.0       | 12.0       | 12.0       | 10.0       | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0×32.4m |
| 34.0                            | 12.5       | 12.5       | 12.0       | 12.0       | 10.0       | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0       |
| 36.0                            | 11.5       | 11.5       | 11.5       | 11.5       | 10.0       | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0       |
| 38.0                            | 10.7       | 10.7       | 10.7       | 10.7       | 10.0       | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0       |
| 40.0                            | 9.8        | 9.8        | 9.8        | 9.8        | 9.8        | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0       |
| 42.0                            | 9.0        | 9.0        | 9.0        | 9.0        | 9.0        | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0       |
| 44.0                            | 8.4        | 8.4        | 8.4        | 8.4        | 8.4        | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0       |
| 46.0                            | 7.7        | 7.7        | 7.7        | 7.7        | 7.7        | 7.7       | 7.7       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0       |
| 48.0                            | 7.0        | 7.0        | 7.0        | 7.0        | 7.0        | 7.0       | 7.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0       |
| 50.0                            | 6.5        | 6.5        | 6.5        | 6.5        | 6.5        | 6.5       | 6.5       | 6.5       | 6.0       | 4.0       | 3.5       | 3.0       |
| 52.0                            |            |            |            |            |            |           |           |           |           |           |           |           |
| 54.0                            |            |            |            |            |            |           |           |           |           |           |           |           |

| Boom leng.(m)                   | 60         |            |            |            |            |           |           |           |           |           |           |           |
|---------------------------------|------------|------------|------------|------------|------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| Aux. jib leng.(m)               | 13         |            |            | 19         |            |           | 25        |           |           | 31        |           |           |
| Jib offset ang.<br>Work rad.(m) | 5°         | 15°        | 30°        | 5°         | 15°        | 30°       | 5°        | 15°       | 30°       | 5°        | 15°       | 30°       |
| 14.0                            |            |            |            |            |            |           |           |           |           |           |           |           |
| 16.0                            | 15.0×17.9m |            |            |            |            |           |           |           |           |           |           |           |
| 18.0                            | 15.0       |            |            |            |            |           |           |           |           |           |           |           |
| 20.0                            | 15.0       | 13.0×20.2m |            | 12.0×20.2m |            |           |           |           |           |           |           |           |
| 22.0                            | 15.0       | 13.0       | 12.0×22.5m | 12.0       | 10.0×23.8m |           | 8.0×22.0m |           |           | 4.0×23.2m |           |           |
| 24.0                            | 15.0       | 13.0       | 12.0       | 12.0       | 10.0       |           | 8.0       |           |           | 4.0       |           |           |
| 26.0                            | 15.0       | 13.0       | 12.0       | 12.0       | 10.0       | 8.0×27.3m | 8.0       | 7.0×20.7m |           | 4.0       |           |           |
| 28.0                            | 15.0       | 13.0       | 12.0       | 12.0       | 10.0       | 8.0       | 8.0       | 7.0       |           | 4.0       | 3.5×29.1m |           |
| 30.0                            | 15.0       | 13.0       | 12.0       | 12.0       | 10.0       | 8.0       | 8.0       | 7.0       | 6.0×31.4m | 4.0       | 3.5       |           |
| 32.0                            | 13.6       | 13.0       | 12.0       | 12.0       | 10.0       | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       |           |
| 34.0                            | 12.4       | 12.4       | 12.0       | 12.0       | 10.0       | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0×35.0m |
| 36.0                            | 11.4       | 11.4       | 11.4       | 11.4       | 10.0       | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0       |
| 38.0                            | 10.6       | 10.6       | 10.6       | 10.6       | 10.0       | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0       |
| 40.0                            | 9.7        | 9.7        | 9.7        | 9.7        | 9.7        | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0       |
| 42.0                            | 8.9        | 8.9        | 8.9        | 8.9        | 8.9        | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0       |
| 44.0                            | 8.3        | 8.3        | 8.3        | 8.3        | 8.3        | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0       |
| 46.0                            | 7.7        | 7.7        | 7.7        | 7.7        | 7.7        | 7.7       | 7.7       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0       |
| 48.0                            | 6.9        | 6.9        | 6.9        | 6.9        | 6.9        | 6.9       | 6.9       | 6.9       | 6.0       | 4.0       | 3.5       | 3.0       |
| 50.0                            | 6.4        | 6.4        | 6.4        | 6.4        | 6.4        | 6.4       | 6.4       | 6.4       | 6.0       | 4.0       | 3.5       | 3.0       |
| 52.0                            | 5.9        | 5.9        | 5.9        | 5.9        | 5.9        | 5.9       | 5.9       | 5.9       | 5.9       | 4.0       | 3.5       | 3.0       |
| 54.0                            | 5.3        | 5.3        | 5.3        | 5.3        | 5.3        | 5.3       | 5.3       | 5.3       | 5.3       | 4.0       | 3.5       | 3.0       |

# SPECIFICATIONS

Unit : load (tf), angle (degrees)

| Boom leng.(m)                   |            | 63         |            |      |            |           |     |           |           |           |           |           |           |
|---------------------------------|------------|------------|------------|------|------------|-----------|-----|-----------|-----------|-----------|-----------|-----------|-----------|
| Aux. jib leng.(m)               |            | 13         |            |      | 19         |           |     | 25        |           |           | 31        |           |           |
| Jib offset ang.<br>Work rad.(m) |            | 5°         | 15°        | 30°  | 5°         | 15°       | 30° | 5°        | 15°       | 30°       | 5°        | 15°       | 30°       |
| 16.0                            | 15.0×17.8m |            |            |      |            |           |     |           |           |           |           |           |           |
| 18.0                            | 15.0       |            |            |      |            |           |     |           |           |           |           |           |           |
| 20.0                            | 15.0       | 13.0×20.1m |            |      |            |           |     | 8.0×21.7m |           |           |           |           |           |
| 22.0                            | 15.0       | 13.0       | 12.0×22.4m | 12.0 | 10.0×23.5m |           |     | 8.0       |           |           | 4.0×22.9m |           |           |
| 24.0                            | 15.0       | 13.0       | 12.0       | 12.0 | 10.0       |           |     | 8.0       |           |           | 4.0       |           |           |
| 26.0                            | 15.0       | 13.0       | 12.0       | 12.0 | 10.0       | 8.0×27.2m |     | 8.0       | 7.0×26.5m |           | 4.0       |           |           |
| 28.0                            | 15.0       | 13.0       | 12.0       | 12.0 | 10.0       | 8.0       | 8.0 | 8.0       | 7.0       |           | 4.0       | 3.5×28.8m |           |
| 30.0                            | 15.0       | 13.0       | 12.0       | 12.0 | 10.0       | 8.0       | 8.0 | 8.0       | 7.0       | 6.0×31.2m | 4.0       | 3.5       |           |
| 32.0                            | 13.5       | 13.0       | 12.0       | 12.0 | 10.0       | 8.0       | 8.0 | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       |           |
| 34.0                            | 12.3       | 12.3       | 12.0       | 12.0 | 10.0       | 8.0       | 8.0 | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0×34.8m |
| 36.0                            | 11.3       | 11.3       | 11.3       | 11.3 | 10.0       | 8.0       | 8.0 | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0       |
| 38.0                            | 10.5       | 10.5       | 10.5       | 10.5 | 10.0       | 8.0       | 8.0 | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0       |
| 40.0                            | 9.6        | 9.6        | 9.6        | 9.6  | 9.6        | 8.0       | 8.0 | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0       |
| 42.0                            | 8.7        | 8.7        | 8.7        | 8.7  | 8.7        | 8.0       | 8.0 | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0       |
| 44.0                            | 8.0        | 8.0        | 8.0        | 8.0  | 8.0        | 8.0       | 8.0 | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0       |
| 46.0                            | 7.1        | 7.1        | 7.1        | 7.1  | 7.1        | 7.1       | 7.1 | 7.1       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0       |
| 48.0                            | 6.5        | 6.5        | 6.5        | 6.5  | 6.5        | 6.5       | 6.5 | 6.5       | 6.5       | 6.0       | 4.0       | 3.5       | 3.0       |
| 50.0                            | 6.1        | 6.1        | 6.1        | 6.1  | 6.1        | 6.1       | 6.1 | 6.1       | 6.1       | 6.0       | 4.0       | 3.5       | 3.0       |
| 52.0                            | 5.5        | 5.5        | 5.5        | 5.5  | 5.5        | 5.5       | 5.5 | 5.5       | 5.5       | 5.5       | 4.0       | 3.5       | 3.0       |
| 54.0                            | 5.1        | 5.1        | 5.1        | 5.1  | 5.1        | 5.1       | 5.1 | 5.1       | 5.1       | 5.1       | 4.0       | 3.5       | 3.0       |
| 56.0                            | 4.6        | 4.6        | 4.6        | 4.6  | 4.6        | 4.6       | 4.6 | 4.6       | 4.6       | 4.6       | 4.0       | 3.5       | 3.0       |
| 58.0                            |            |            |            |      |            |           |     |           |           |           |           |           |           |

| Boom leng.(m)                   |            | 66   |            |      |            |           |     |           |           |           |           |           |           |
|---------------------------------|------------|------|------------|------|------------|-----------|-----|-----------|-----------|-----------|-----------|-----------|-----------|
| Aux. jib leng.(m)               |            | 13   |            |      | 19         |           |     | 25        |           |           | 31        |           |           |
| Jib offset ang.<br>Work rad.(m) |            | 5°   | 15°        | 30°  | 5°         | 15°       | 30° | 5°        | 15°       | 30°       | 5°        | 15°       | 30°       |
| 16.0                            | 15.0×17.7m |      |            |      |            |           |     |           |           |           |           |           |           |
| 18.0                            | 15.0       |      |            |      | 12.0×19.8m |           |     |           |           |           |           |           |           |
| 20.0                            | 15.0       | 13.0 |            |      | 12.0       |           |     | 8.0×21.5m |           |           |           |           |           |
| 22.0                            | 15.0       | 13.0 | 12.0×22.3m | 12.0 | 10.0×23.5m |           |     | 8.0       |           |           | 4.0×22.7m |           |           |
| 24.0                            | 15.0       | 13.0 | 12.0       | 12.0 | 10.0       |           |     | 8.0       |           |           | 4.0       |           |           |
| 26.0                            | 15.0       | 13.0 | 12.0       | 12.0 | 10.0       | 8.0×27.1m |     | 8.0       | 7.0×26.3m |           | 4.0       |           |           |
| 28.0                            | 15.0       | 13.0 | 12.0       | 12.0 | 10.0       | 8.0       | 8.0 | 8.0       | 7.0       |           | 4.0       | 3.5×28.6m |           |
| 30.0                            | 14.9       | 13.0 | 12.0       | 12.0 | 10.0       | 8.0       | 8.0 | 8.0       | 7.0       | 6.0×31.0m | 4.0       | 3.5       |           |
| 32.0                            | 13.3       | 13.0 | 12.0       | 12.0 | 10.0       | 8.0       | 8.0 | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       |           |
| 34.0                            | 12.2       | 12.2 | 12.0       | 12.0 | 10.0       | 8.0       | 8.0 | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0×35.0m |
| 36.0                            | 11.2       | 11.2 | 11.2       | 11.2 | 10.0       | 8.0       | 8.0 | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0       |
| 38.0                            | 10.4       | 10.4 | 10.4       | 10.4 | 10.0       | 8.0       | 8.0 | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0       |
| 40.0                            | 9.5        | 9.5  | 9.5        | 9.5  | 9.5        | 8.0       | 8.0 | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0       |
| 42.0                            | 8.5        | 8.5  | 8.5        | 8.5  | 8.5        | 8.0       | 8.0 | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0       |
| 44.0                            | 7.9        | 7.9  | 7.9        | 7.9  | 7.9        | 7.9       | 7.9 | 7.9       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0       |
| 46.0                            | 7.1        | 7.1  | 7.1        | 7.1  | 7.1        | 7.1       | 7.1 | 7.1       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0       |
| 48.0                            | 6.5        | 6.5  | 6.5        | 6.5  | 6.5        | 6.5       | 6.5 | 6.5       | 6.5       | 6.0       | 4.0       | 3.5       | 3.0       |
| 50.0                            | 6.0        | 6.0  | 6.0        | 6.0  | 6.0        | 6.0       | 6.0 | 6.0       | 6.0       | 6.0       | 4.0       | 3.5       | 3.0       |
| 52.0                            | 5.5        | 5.5  | 5.5        | 5.5  | 5.5        | 5.5       | 5.5 | 5.5       | 5.5       | 5.5       | 4.0       | 3.5       | 3.0       |
| 54.0                            | 5.1        | 5.1  | 5.1        | 5.1  | 5.1        | 5.1       | 5.1 | 5.1       | 5.1       | 5.1       | 4.0       | 3.5       | 3.0       |
| 56.0                            | 4.6        | 4.6  | 4.6        | 4.6  | 4.6        | 4.6       | 4.6 | 4.6       | 4.6       | 4.6       | 4.0       | 3.5       | 3.0       |
| 58.0                            | 4.2        | 4.2  | 4.2        | 4.2  | 4.2        | 4.2       | 4.2 | 4.2       | 4.2       | 4.2       | 4.0       | 3.5       | 3.0       |

# SPECIFICATIONS

Unit : load (tf), angle (degrees)

| Boom leng.(m)                   | 6 9        |            |            |            |            |           |           |           |           |           |           |           |
|---------------------------------|------------|------------|------------|------------|------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| Aux. jib leng.(m)               | 1 3        |            |            | 1 9        |            |           | 2 5       |           |           | 3 1       |           |           |
| Jib offset ang.<br>Work rad.(m) | 5 °        | 15 °       | 30 °       | 5 °        | 15 °       | 30 °      | 5 °       | 15 °      | 30 °      | 5 °       | 15 °      | 30 °      |
| 16.0                            | 15.0×17.5m |            |            |            |            |           |           |           |           |           |           |           |
| 18.0                            | 15.0       | 13.0×19.8m |            | 12.0×19.6m |            |           |           |           |           |           |           |           |
| 20.0                            | 15.0       | 13.0       |            | 12.0       |            |           | 8.0×21.3m |           |           |           |           |           |
| 22.0                            | 15.0       | 13.0       | 12.0×22.1m | 12.0       | 10.0×23.3m |           | 8.0       |           |           | 4.0×22.4m |           |           |
| 24.0                            | 15.0       | 13.0       | 12.0       | 12.0       | 10.0       |           | 8.0       |           |           | 4.0       |           |           |
| 26.0                            | 15.0       | 13.0       | 12.0       | 12.0       | 10.0       | 8.0×27.0m | 8.0       | 7.0×26.1m |           | 4.0       |           |           |
| 28.0                            | 15.0       | 13.0       | 12.0       | 12.0       | 10.0       | 8.0       | 8.0       | 7.0       |           | 4.0       | 3.5×28.4m |           |
| 30.0                            | 14.5       | 13.0       | 12.0       | 12.0       | 10.0       | 8.0       | 8.0       | 7.0       | 6.0×30.9m | 4.0       | 3.5       |           |
| 32.0                            | 12.9       | 12.9       | 12.0       | 12.0       | 10.0       | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       |           |
| 34.0                            | 11.9       | 11.9       | 11.9       | 11.9       | 10.0       | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0×34.4m |
| 36.0                            | 10.9       | 10.9       | 10.9       | 10.9       | 10.0       | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0       |
| 38.0                            | 10.0       | 10.0       | 10.0       | 10.0       | 10.0       | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0       |
| 40.0                            | 9.1        | 9.1        | 9.1        | 9.1        | 9.1        | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0       |
| 42.0                            | 8.2        | 8.2        | 8.2        | 8.2        | 8.2        | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0       |
| 44.0                            | 7.6        | 7.6        | 7.6        | 7.6        | 7.6        | 7.6       | 7.6       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0       |
| 46.0                            | 6.9        | 6.9        | 6.9        | 6.9        | 6.9        | 6.9       | 6.9       | 6.9       | 6.0       | 4.0       | 3.5       | 3.0       |
| 48.0                            | 6.3        | 6.3        | 6.3        | 6.3        | 6.3        | 6.3       | 6.3       | 6.3       | 6.0       | 4.0       | 3.5       | 3.0       |
| 50.0                            | 5.7        | 5.7        | 5.7        | 5.7        | 5.7        | 5.7       | 5.7       | 5.7       | 5.7       | 4.0       | 3.5       | 3.0       |
| 52.0                            | 5.2        | 5.2        | 5.2        | 5.2        | 5.2        | 5.2       | 5.2       | 5.2       | 5.2       | 4.0       | 3.5       | 3.0       |
| 54.0                            | 4.7        | 4.7        | 4.7        | 4.7        | 4.7        | 4.7       | 4.7       | 4.7       | 4.7       | 4.0       | 3.5       | 3.0       |
| 56.0                            | 4.3        | 4.3        | 4.3        | 4.3        | 4.3        | 4.3       | 4.3       | 4.3       | 4.3       | 4.0       | 3.5       | 3.0       |
| 58.0                            | 3.9        | 3.9        | 3.9        | 3.9        | 3.9        | 3.9       | 3.9       | 3.9       | 3.9       | 3.9       | 3.5       | 3.0       |
| 60.0                            | 3.6        | 3.6        | 3.6        | 3.6        | 3.6        | 3.6       | 3.6       | 3.6       | 3.6       | 3.6       | 3.5       | 3.0       |
| 62.0                            | 3.2        | 3.2        | 3.2        | 3.2        | 3.2        | 3.2       | 3.2       | 3.2       | 3.2       | 3.2       | 3.2       | 3.0       |

| Boom leng.(m)                   | 7 2        |      |            |      |            |           |           |           |           |           |           |           |
|---------------------------------|------------|------|------------|------|------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| Aux. jib leng.(m)               | 1 3        |      |            | 1 9  |            |           | 2 5       |           |           | 3 1       |           |           |
| Jib offset ang.<br>Work rad.(m) | 5 °        | 15 ° | 30 °       | 5 °  | 15 °       | 30 °      | 5 °       | 15 °      | 30 °      | 5 °       | 15 °      | 30 °      |
| 16.0                            |            |      |            |      |            |           |           |           |           |           |           |           |
| 18.0                            | 15.0×19.7m |      |            |      |            |           |           |           |           |           |           |           |
| 20.0                            | 15.0       |      |            |      |            |           |           |           |           |           |           |           |
| 22.0                            | 15.0       | 13.0 |            | 12.0 |            |           | 8.0×23.8m |           |           |           |           |           |
| 24.0                            | 15.0       | 13.0 | 12.0×24.3m | 12.0 | 10.0×25.7m |           | 8.0       |           |           | 4.0×25.0m |           |           |
| 26.0                            | 15.0       | 13.0 | 12.0       | 12.0 | 10.0       |           | 8.0       |           |           | 4.0       |           |           |
| 28.0                            | 15.0       | 13.0 | 12.0       | 12.0 | 10.0       | 8.0×29.2m | 8.0       | 7.0×28.5m |           | 4.0       |           |           |
| 30.0                            | 14.3       | 13.0 | 12.0       | 12.0 | 10.0       | 8.0       | 8.0       | 7.0       |           | 4.0       | 3.5×30.9m |           |
| 32.0                            | 12.8       | 12.8 | 12.0       | 12.0 | 10.0       | 8.0       | 8.0       | 7.0       | 6.0×33.2m | 4.0       | 3.5       |           |
| 34.0                            | 11.6       | 11.6 | 11.6       | 11.6 | 10.0       | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       |           |
| 36.0                            | 10.6       | 10.6 | 10.6       | 10.6 | 10.0       | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0×36.8m |
| 38.0                            | 9.6        | 9.6  | 9.6        | 9.6  | 9.6        | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0       |
| 40.0                            | 8.6        | 8.6  | 8.6        | 8.6  | 8.6        | 8.0       | 8.0       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0       |
| 42.0                            | 7.9        | 7.9  | 7.9        | 7.9  | 7.9        | 7.9       | 7.9       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0       |
| 44.0                            | 7.3        | 7.3  | 7.3        | 7.3  | 7.3        | 7.3       | 7.3       | 7.0       | 6.0       | 4.0       | 3.5       | 3.0       |
| 46.0                            | 6.6        | 6.6  | 6.6        | 6.6  | 6.6        | 6.6       | 6.6       | 6.6       | 6.0       | 4.0       | 3.5       | 3.0       |
| 48.0                            | 6.0        | 6.0  | 6.0        | 6.0  | 6.0        | 6.0       | 6.0       | 6.0       | 6.0       | 4.0       | 3.5       | 3.0       |
| 50.0                            | 5.4        | 5.4  | 5.4        | 5.4  | 5.4        | 5.4       | 5.4       | 5.4       | 5.4       | 4.0       | 3.5       | 3.0       |
| 52.0                            | 4.9        | 4.9  | 4.9        | 4.9  | 4.9        | 4.9       | 4.9       | 4.9       | 4.9       | 4.0       | 3.5       | 3.0       |
| 54.0                            | 4.4        | 4.4  | 4.4        | 4.4  | 4.4        | 4.4       | 4.4       | 4.4       | 4.4       | 4.0       | 3.5       | 3.0       |
| 56.0                            | 4.0        | 4.0  | 4.0        | 4.0  | 4.0        | 4.0       | 4.0       | 4.0       | 4.0       | 4.0       | 3.5       | 3.0       |
| 58.0                            | 3.6        | 3.6  | 3.6        | 3.6  | 3.6        | 3.6       | 3.6       | 3.6       | 3.6       | 3.6       | 3.5       | 3.0       |
| 60.0                            | 3.2        | 3.2  | 3.2        | 3.2  | 3.2        | 3.2       | 3.2       | 3.2       | 3.2       | 3.2       | 3.2       | 3.0       |
| 62.0                            | 2.8        | 2.8  | 2.8        | 2.8  | 2.8        | 2.8       | 2.8       | 2.8       | 2.8       | 2.8       | 2.8       | 2.8       |