



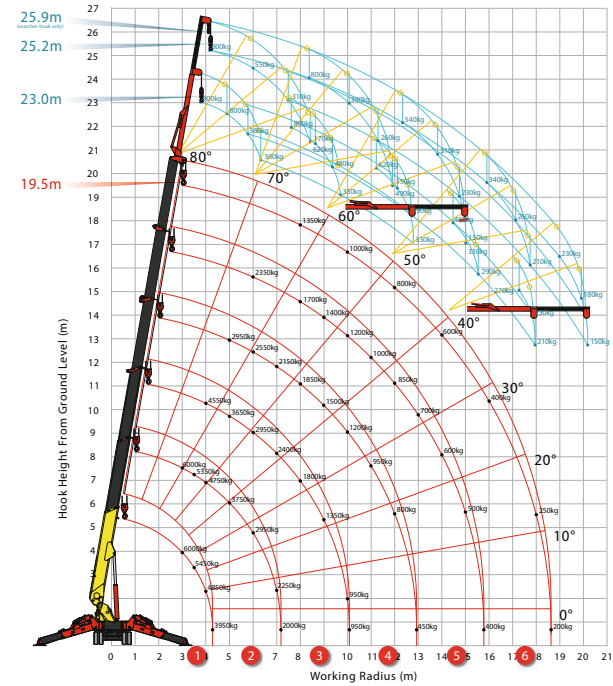
# UNIC-706-2 (6.0t x 3.0m)



- Total width 1.67m
- Max working radius 18.6m
- Max lifting height 25.9m
- Diesel / optional mains electric
- Working area limitation
- Enhanced hydraulic fly jib/searcher hook
- Variable outrigger positions



## Working Range



### First Stage

#### FIRST STAGE EXTENDED 4.8M BOOM LENGTH

| Working radius | m  | up to 2.7 | 3.0   | 3.5   | 4.0   | 4.3   |
|----------------|----|-----------|-------|-------|-------|-------|
| Max-extended   | kg | 6,000     | 6,000 | 5,450 | 4,850 | 3,950 |
| Mid-extended   | kg | 6,000     | 6,000 | 5,450 | 4,850 | 3,950 |
| Min-extended   | kg | 6,000     | 6,000 | 5,450 | 4,850 | 3,750 |

### Second Stage

#### SECOND STAGE EXTENDED 4.8 - 7.7M BOOM LENGTH

| Working radius | m  | up to 2.0 | 3.0   | 3.5   | 4.0   | 5.0   | 6.0   | 7.0   | 7.2   |
|----------------|----|-----------|-------|-------|-------|-------|-------|-------|-------|
| Max-extended   | kg | 6,000     | 6,000 | 5,350 | 4,750 | 3,750 | 2,950 | 2,250 | 2,000 |
| Mid-extended   | kg | 6,000     | 6,000 | 5,350 | 4,750 | 3,750 | 2,450 | 1,700 | 1,550 |
| Min-extended   | kg | 6,000     | 6,000 | 5,350 | 4,650 | 2,550 | 1,650 | 1,150 | 1,050 |

### Third Stage

#### THIRD STAGE EXTENDED 7.7 - 10.6M BOOM LENGTH

| Working radius | m  | up to 2.7 | 4.0   | 5.0   | 6.0   | 7.0   | 8.0   | 9.0   | 10.0 | 10.1 |
|----------------|----|-----------|-------|-------|-------|-------|-------|-------|------|------|
| Max-extended   | kg | 4,550     | 4,550 | 3,650 | 2,950 | 2,400 | 1,800 | 1,350 | 950  | 950  |
| Mid-extended   | kg | 4,550     | 4,550 | 3,650 | 2,550 | 1,750 | 1,300 | 950   | 700  | 700  |
| Min-extended   | kg | 4,550     | 4,550 | 2,650 | 1,700 | 1,200 | 850   | 650   | 450  | 400  |

### Fourth Stage

#### FOURTH STAGE EXTENDED 10.6 - 13.5M BOOM LENGTH

| Working radius | m  | up to 5.0 | 6.0   | 7.0   | 8.0   | 9.0   | 10.0  | 11.0 | 12.0 | 12.9 |
|----------------|----|-----------|-------|-------|-------|-------|-------|------|------|------|
| Max-extended   | kg | 2,950     | 2,550 | 2,150 | 1,850 | 1,500 | 1,200 | 950  | 800  | 450  |
| Mid-extended   | kg | 2,950     | 2,550 | 1,850 | 1,400 | 1,100 | 850   | 650  | 550  | 400  |
| Min-extended   | kg | 2,750     | 1,850 | 1,300 | 1,000 | 750   | 550   | 430  | 330  | 240  |

### Fifth Stage

#### FIFTH STAGE EXTENDED 13.5 - 16.3M BOOM LENGTH

| Working radius | m  | up to 6.0 | 8.0   | 9.0   | 10.0  | 11.0  | 12.0 | 13.0 | 14.0 | 15.0 | 15.8 |
|----------------|----|-----------|-------|-------|-------|-------|------|------|------|------|------|
| Max-extended   | kg | 2,350     | 1,700 | 1,400 | 1,200 | 1,000 | 850  | 700  | 600  | 500  | 400  |
| Mid-extended   | kg | 2,350     | 1,500 | 1,150 | 950   | 750   | 600  | 500  | 400  | 300  | 250  |
| Min-extended   | kg | 1,950     | 1,050 | 800   | 650   | 500   | 400  | 300  | 230  | 170  | 130  |

### Sixth Stage

#### SIXTH STAGE EXTENDED 16.3 - 19.2M BOOM LENGTH

| Working radius | m  | up to 8.0 | 10.0  | 12.0 | 14.0 | 16.0 | 18.0 | 18.6 |
|----------------|----|-----------|-------|------|------|------|------|------|
| Max-extended   | kg | 1,350     | 1,000 | 800  | 600  | 400  | 250  | 200  |
| Mid-extended   | kg | 1,350     | 1,000 | 650  | 450  | 300  | 200  | 150  |
| Min-extended   | kg | 1,100     | 700   | 450  | 280  | 170  | 90   | 60   |

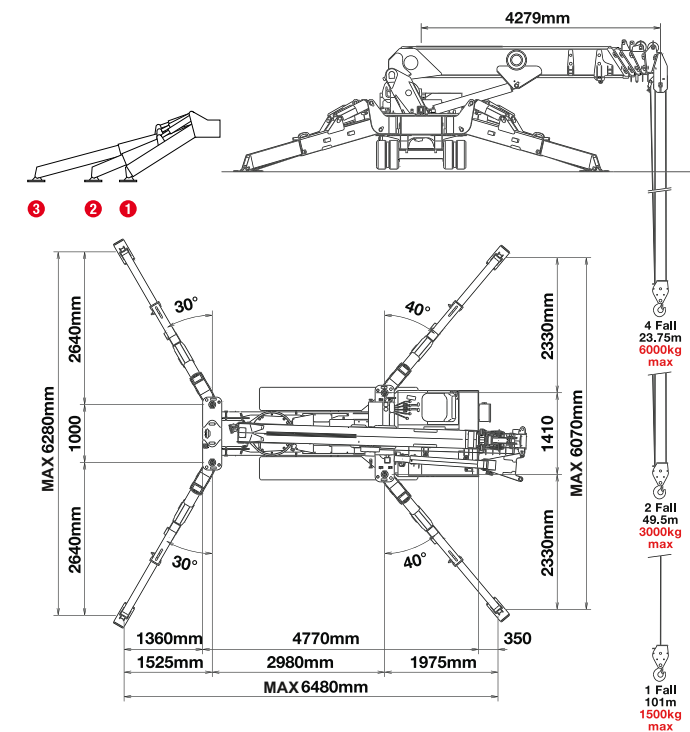
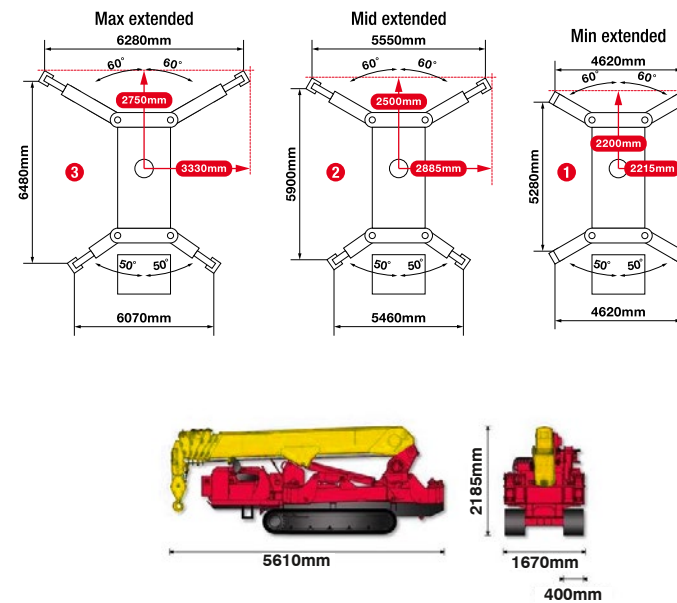
## Crane Specifications

|                    |                                                                                                                                                                                                                                                                                                                                                    |                                                             |
|--------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------|
| Crane capacity     | capacity:                                                                                                                                                                                                                                                                                                                                          | 6.0t x 3.0m                                                 |
| Max working radius | max:                                                                                                                                                                                                                                                                                                                                               | 18.6m (20m with hydraulic fly jib)                          |
| Max lifting height | approx:                                                                                                                                                                                                                                                                                                                                            | 19.5m (25.2m with hydraulic fly jib, 25.9m with fixed hook) |
| Rope length        | max:                                                                                                                                                                                                                                                                                                                                               | 23.75m (4 fall), 49.5m (2 fall), 101m (1 fall)              |
| Dimensions         | folded:                                                                                                                                                                                                                                                                                                                                            | 5610mm (l) x 1670mm (w) x 2185mm (h)                        |
| Weight             | unladen:                                                                                                                                                                                                                                                                                                                                           | 8520kg (8670kg with electric option)                        |
| Point loadings     | Due to the many variables involved, point loadings are only available on request                                                                                                                                                                                                                                                                   |                                                             |
| Hook speed         | approx:                                                                                                                                                                                                                                                                                                                                            | 11m/min (with 5 layers and 4 falls)                         |
| Telescopic system  | boom length:                                                                                                                                                                                                                                                                                                                                       | 4.80 - 19.20m                                               |
|                    | telescoping speed:                                                                                                                                                                                                                                                                                                                                 | 14.4m/52 seconds                                            |
|                    | boom type:                                                                                                                                                                                                                                                                                                                                         | 6 section hydraulically telescoping boom                    |
|                    | approx:                                                                                                                                                                                                                                                                                                                                            | 0 - 80°/16.0 seconds                                        |
|                    | approx:                                                                                                                                                                                                                                                                                                                                            | 360° (continuous) 2.5min (rpm)                              |
|                    | drive:                                                                                                                                                                                                                                                                                                                                             | hydrostatic 2-speed, stepless forward and reverse           |
|                    | travel speed:                                                                                                                                                                                                                                                                                                                                      | 0 - 2.9km/h                                                 |
|                    | gradability:                                                                                                                                                                                                                                                                                                                                       | ± 20° (vertical) 20° (traverse)                             |
|                    | track ground length:                                                                                                                                                                                                                                                                                                                               | 2240mm                                                      |
|                    | track ground pressure:                                                                                                                                                                                                                                                                                                                             | 43.1kPa (0.44kg/cm2)                                        |
|                    | track width:                                                                                                                                                                                                                                                                                                                                       | 400mm                                                       |
| Engine             | fuel:                                                                                                                                                                                                                                                                                                                                              | diesel (electric dual power option)                         |
|                    | maximum output:                                                                                                                                                                                                                                                                                                                                    | 18.5kW/2200rpm                                              |
|                    | starting method:                                                                                                                                                                                                                                                                                                                                   | electric                                                    |
| Electric motor     | tank capacity:                                                                                                                                                                                                                                                                                                                                     | 74 litres                                                   |
|                    | power:                                                                                                                                                                                                                                                                                                                                             | 7.5kW                                                       |
|                    | voltage:                                                                                                                                                                                                                                                                                                                                           | 400v AC 50/60Hz                                             |
| Standard equipment | Computer controlled moment limiter (safe load indicator), radio remote control, overwinding alarm, computer controlled intelligent voice warning system, multi-function operation by radio remote control, intelligent throttle activation, automatic hook stow, overload warning alarms, overload warning lamps, 800kg capacity hydraulic fly jib |                                                             |
| Optional equipment | 2 fall hook block, mains electric dual power (400v), low marking tracks, slew limitation, radio remote control with feedback display, data logging, forward facing camera, variable footprint option, working area limitation                                                                                                                      |                                                             |



## Variable Outrigger Positions

## Outrigger Positions



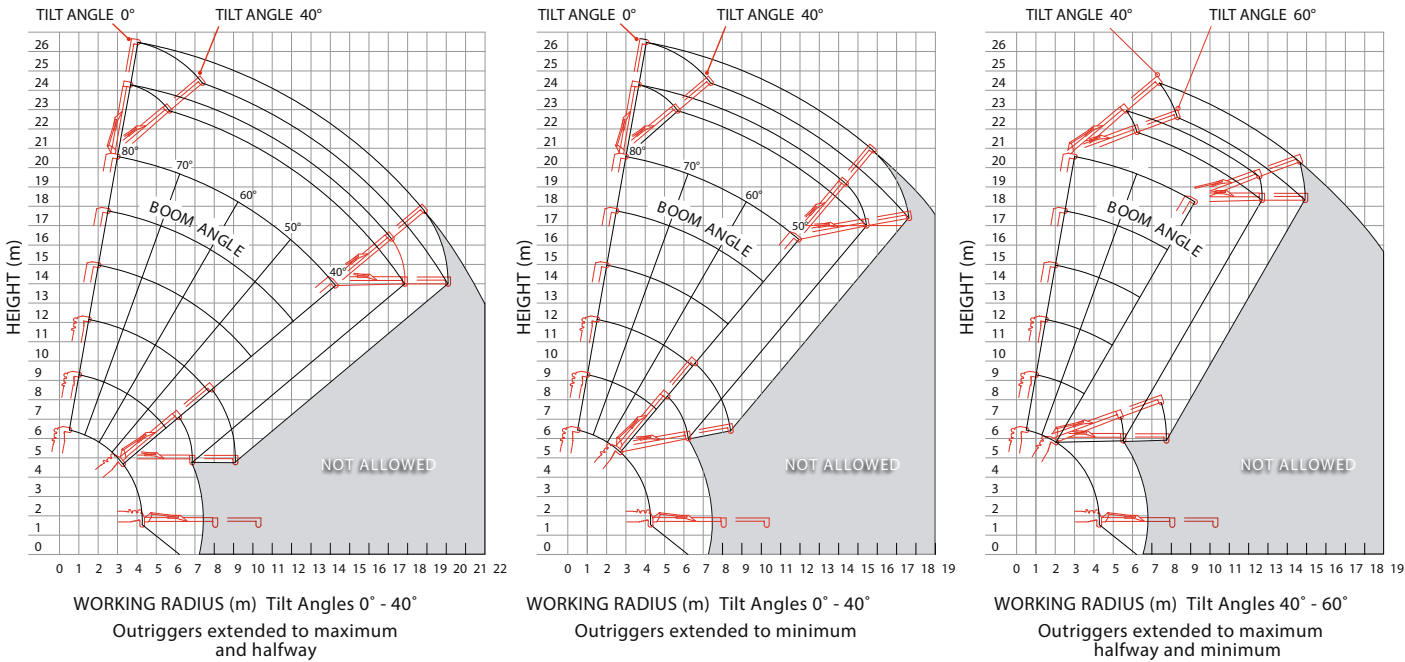
LIFT

UNIC-706-2 FLY EXTENSION

The 706-2 features an optional fly jib, together with an optional searcher hook, providing a maximum hook height of 25.9m

Fly Jib Working Range

Note: The below figures are based on a no-load condition and do not include the deflection of the boom.



Fly Jib Net Rated Loads

| FLY JIB NET RATED LOADS (kg) - ANGLE RATED OUTRIGGERS SET TO MAXIMUM |                                 |     |     |     |                                    |     |     |     |
|----------------------------------------------------------------------|---------------------------------|-----|-----|-----|------------------------------------|-----|-----|-----|
| BOOM ANGLE                                                           | FLY JIB 1 (3.77m) - TILT ANGLES |     |     |     | FLY JIB 1 & 2 (6.0m) - TILT ANGLES |     |     |     |
|                                                                      | 0°                              | 20° | 40° | 60° | 0°                                 | 20° | 40° | 60° |
| 80°                                                                  | 800                             | 800 | 560 | 360 | 800                                | 550 | 310 | 170 |
| 70°                                                                  | 800                             | 620 | 480 | 330 | 800                                | 390 | 260 | 150 |
| 60°                                                                  | 620                             | 490 | 390 | 330 | 540                                | 310 | 230 | 150 |
| 50°                                                                  | 400                             | 330 | 290 |     | 340                                | 260 | 210 |     |
| 40°                                                                  | 270                             | 230 | 210 |     | 230                                | 180 | 150 |     |
| 30°                                                                  | NOT ALLOWED                     |     |     |     | NOT ALLOWED                        |     |     |     |

| FLY JIB NET RATED LOADS (kg) - ANGLE RATED OUTRIGGERS SET TO HALFWAY |                                 |     |     |     |                                    |     |     |     |
|----------------------------------------------------------------------|---------------------------------|-----|-----|-----|------------------------------------|-----|-----|-----|
| BOOM ANGLE                                                           | FLY JIB 1 (3.77m) - TILT ANGLES |     |     |     | FLY JIB 1 & 2 (6.0m) - TILT ANGLES |     |     |     |
|                                                                      | 0°                              | 20° | 40° | 60° | 0°                                 | 20° | 40° | 60° |
| 80°                                                                  | 800                             | 800 | 560 | 360 | 800                                | 550 | 310 | 170 |
| 70°                                                                  | 800                             | 620 | 480 | 330 | 800                                | 390 | 260 | 150 |
| 60°                                                                  | 620                             | 490 | 390 | 330 | 540                                | 310 | 230 | 150 |
| 50°                                                                  | 350                             | 310 | 290 |     | 300                                | 260 | 210 |     |
| 40°                                                                  | 180                             | 170 | 160 |     | 160                                | 130 | 120 |     |
| 30°                                                                  | NOT ALLOWED                     |     |     |     | NOT ALLOWED                        |     |     |     |

| FLY JIB NET RATED LOADS (kg) - ANGLE RATED OUTRIGGERS SET TO MINIMUM |                                 |     |     |     |                                    |     |     |     |
|----------------------------------------------------------------------|---------------------------------|-----|-----|-----|------------------------------------|-----|-----|-----|
| BOOM ANGLE                                                           | FLY JIB 1 (3.77m) - TILT ANGLES |     |     |     | FLY JIB 1 & 2 (6.0m) - TILT ANGLES |     |     |     |
|                                                                      | 0°                              | 20° | 40° | 60° | 0°                                 | 20° | 40° | 60° |
| 80°                                                                  | 800                             | 800 | 560 | 360 | 800                                | 550 | 310 | 170 |
| 70°                                                                  | 800                             | 620 | 480 | 330 | 800                                | 390 | 260 | 150 |
| 60°                                                                  | 470                             | 410 | 390 | 330 | 430                                | 310 | 230 | 150 |
| 50°                                                                  | 200                             | 190 | 180 |     | 180                                | 160 | 150 |     |
| 40°                                                                  | NOT ALLOWED                     |     |     |     | NOT ALLOWED                        |     |     |     |
| 30°                                                                  | NOT ALLOWED                     |     |     |     | NOT ALLOWED                        |     |     |     |

Searcher Hook Net Rated Loads

| SEARCHER HOOK NET RATED LOADS (kg) - OUTRIGGERS SET TO MAXIMUM |                             |     |     |     |                                |     |     |     |
|----------------------------------------------------------------|-----------------------------|-----|-----|-----|--------------------------------|-----|-----|-----|
| BOOM ANGLE                                                     | JIB 1 (3.77m) - TILT ANGLES |     |     |     | JIB 1 & 2 (6.0m) - TILT ANGLES |     |     |     |
|                                                                | 0°                          | 20° | 40° | 60° |                                |     |     |     |
| 80°                                                            | 800                         | 800 | 620 | 410 | 800                            | 600 | 370 | 220 |
| 70°                                                            | 800                         | 750 | 550 | 390 | 800                            | 450 | 320 | 200 |
| 60°                                                            | 580                         | 580 | 500 | 390 | 500                            | 370 | 290 | 200 |
| 50°                                                            | 580                         | 550 | 480 | 390 | 450                            | 320 | 270 | 200 |
| 40°                                                            | 530                         | 500 | 480 | 390 | 370                            | 290 | 270 | 200 |
| 30°                                                            | 520                         | 500 | 480 | 390 | 320                            | 270 | 270 | 200 |
| 20°                                                            | 500                         | 480 | 480 | 390 | 290                            | 270 | 270 | 200 |
| 10°                                                            | 480                         | 480 | 480 | 390 | 270                            | 270 | 270 | 200 |
| 0°                                                             | 480                         | 480 | 430 | 390 | 270                            | 270 | 270 | 200 |
| 14m                                                            | 380                         | 380 | 380 | 380 |                                |     |     |     |
| 15m                                                            | 340                         | 330 | 330 | 270 |                                |     |     |     |
| 16m                                                            | 300                         | 290 | 240 | 240 |                                |     |     |     |
| 17m                                                            | 220                         | 220 | 210 | 210 |                                |     |     |     |
| 18m                                                            | 190                         | 190 | 190 | 140 |                                |     |     |     |
| 19m                                                            | 170                         | 170 | 130 | 120 |                                |     |     |     |
| 20m                                                            | 110                         | 110 | 110 | 110 |                                |     |     |     |
| 21m                                                            | NOT ALLOWED                 |     |     |     |                                |     |     |     |
| 22m                                                            | NOT ALLOWED                 |     |     |     |                                |     |     |     |
| 22.3                                                           | NOT ALLOWED                 |     |     |     |                                |     |     |     |

| SEARCHER HOOK NET RATED LOADS (kg) - OUTRIGGERS SET TO HALFWAY |                             |     |     |     |                                |     |     |     |
|----------------------------------------------------------------|-----------------------------|-----|-----|-----|--------------------------------|-----|-----|-----|
| BOOM ANGLE                                                     | JIB 1 (3.77m) - TILT ANGLES |     |     |     | JIB 1 & 2 (6.0m) - TILT ANGLES |     |     |     |
|                                                                | 0°                          | 20° | 40° | 60° |                                |     |     |     |
| 80°                                                            | 800                         | 800 | 620 | 410 | 800                            | 600 | 370 | 220 |
| 70°                                                            | 800                         | 750 | 550 | 390 | 800                            | 450 | 320 | 200 |
| 60°                                                            | 580                         | 580 | 500 | 390 | 500                            | 370 | 290 | 200 |
| 50°                                                            | 420                         | 460 | 470 | 400 | 370                            | 320 | 270 | 200 |
| 40°                                                            | 370                         | 420 | 430 | 400 | 370                            | 290 | 270 | 200 |
| 30°                                                            | 360                         | 370 | 370 | 370 | 320                            | 270 | 270 | 200 |
| 20°                                                            | 360                         | 370 | 320 | 320 | 290                            | 270 | 270 | 200 |
| 10°                                                            | 350                         | 350 | 320 | 280 | 270                            | 270 | 270 | 200 |
| 0°                                                             | 340                         | 340 | 270 | 270 | 270                            | 270 | 270 | 200 |
| 14m                                                            | 240                         | 240 | 230 | 230 |                                |     |     |     |
| 15m                                                            | 210                         | 200 | 200 | 150 |                                |     |     |     |
| 16m                                                            | 180                         | 180 | 130 | 120 |                                |     |     |     |
| 17m                                                            | 110                         | 110 | 110 | 100 |                                |     |     |     |
| 18m                                                            | NOT ALLOWED                 |     |     |     |                                |     |     |     |
| 19m                                                            | NOT ALLOWED                 |     |     |     |                                |     |     |     |
| 20m                                                            | NOT ALLOWED                 |     |     |     |                                |     |     |     |
| 21m                                                            | NOT ALLOWED                 |     |     |     |                                |     |     |     |
| 22m                                                            | NOT ALLOWED                 |     |     |     |                                |     |     |     |
| 22.3                                                           | NOT ALLOWED                 |     |     |     |                                |     |     |     |

| SEARCHER HOOK NET RATED LOADS (kg) - OUTRIGGERS SET TO MINIMUM |                             |     |     |     |                                |     |     |     |
|----------------------------------------------------------------|-----------------------------|-----|-----|-----|--------------------------------|-----|-----|-----|
| BOOM ANGLE                                                     | JIB 1 (3.77m) - TILT ANGLES |     |     |     | JIB 1 & 2 (6.0m) - TILT ANGLES |     |     |     |
|                                                                | 0°                          | 20° | 40° | 60° |                                |     |     |     |
| 80°                                                            | 800                         | 800 | 620 | 410 | 800                            | 600 | 370 | 220 |
| 70°                                                            | 800                         | 750 | 550 | 390 | 800                            | 450 | 320 | 200 |
| 60°                                                            | 470                         | 430 | 400 | 390 | 410                            | 350 | 290 | 200 |
| 50°                                                            | 260                         | 310 | 310 | 320 | 240                            | 280 | 270 | 200 |
| 40°                                                            | 220                         | 270 | 280 | 280 | 240                            | 250 | 260 | 200 |
| 30°                                                            | 210                         | 220 | 220 | 220 | 190                            | 240 | 250 | 200 |
| 20°                                                            | 210                         | 220 | 170 | 170 | 190                            | 210 | 210 | 150 |
| 10°                                                            | 200                         | 200 | 170 | 140 | 180                            | 180 | 180 | 120 |
| 0°                                                             | 190                         | 190 | 130 | 120 | 170                            | 170 | 160 | 100 |
| 14m                                                            | 110                         | 110 | 100 |     |                                |     |     |     |
| 15m                                                            |                             |     |     |     | 150                            | 140 |     |     |
| 16m                                                            |                             |     |     |     | 120                            |     |     |     |
| 17m                                                            |                             |     |     |     | NOT ALLOWED                    |     |     |     |
| 18m                                                            |                             |     |     |     | NOT ALLOWED                    |     |     |     |
| 19m                                                            |                             |     |     |     | NOT ALLOWED                    |     |     |     |
| 20m                                                            |                             |     |     |     | NOT ALLOWED                    |     |     |     |
| 21m                                                            |                             |     |     |     | NOT ALLOWED                    |     |     |     |
| 22m                                                            |                             |     |     |     | NOT ALLOWED                    |     |     |     |
| 22.3                                                           |                             |     |     |     | NOT ALLOWED                    |     |     |     |