

Technical data
Hydraulic lift crane

LR 1300
Litronic®

Derrick equipment

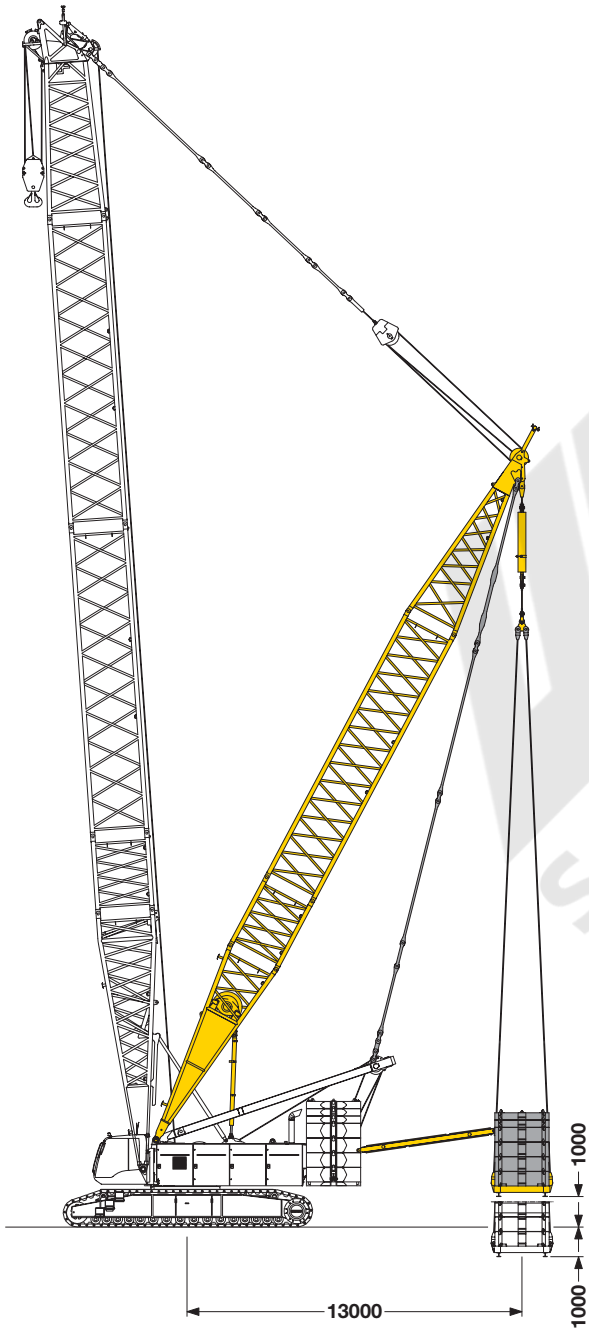


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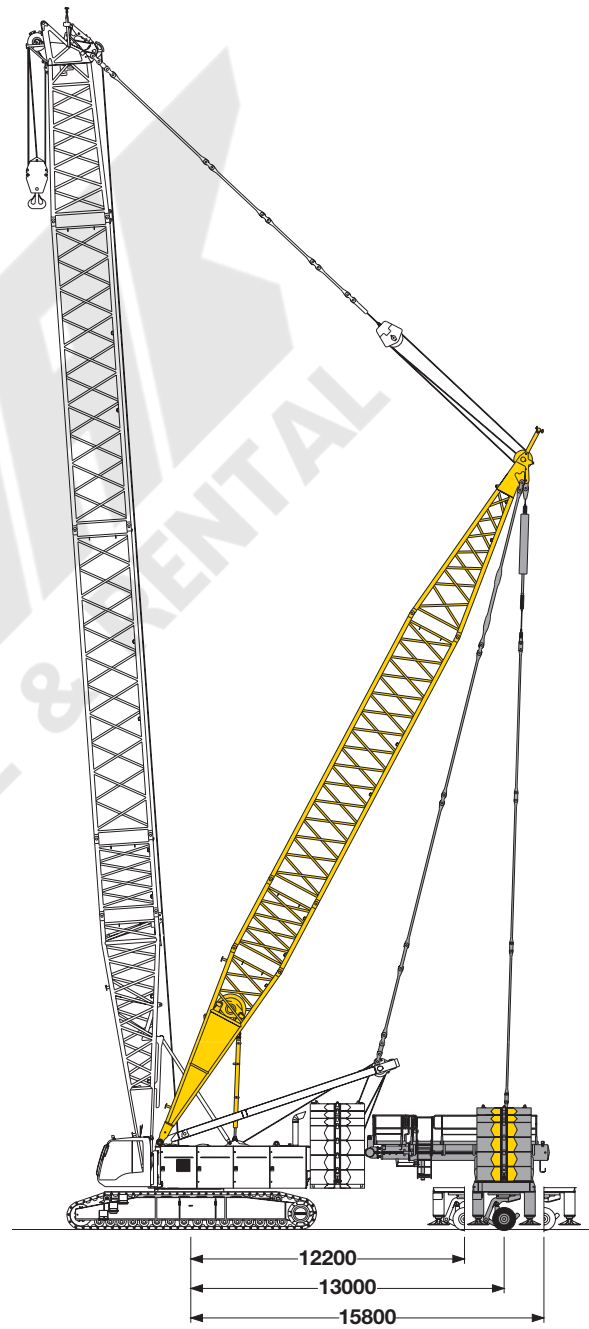
Dimensions

Basic machine with derrick equipment

Derrick equipment
with suspended counterweight

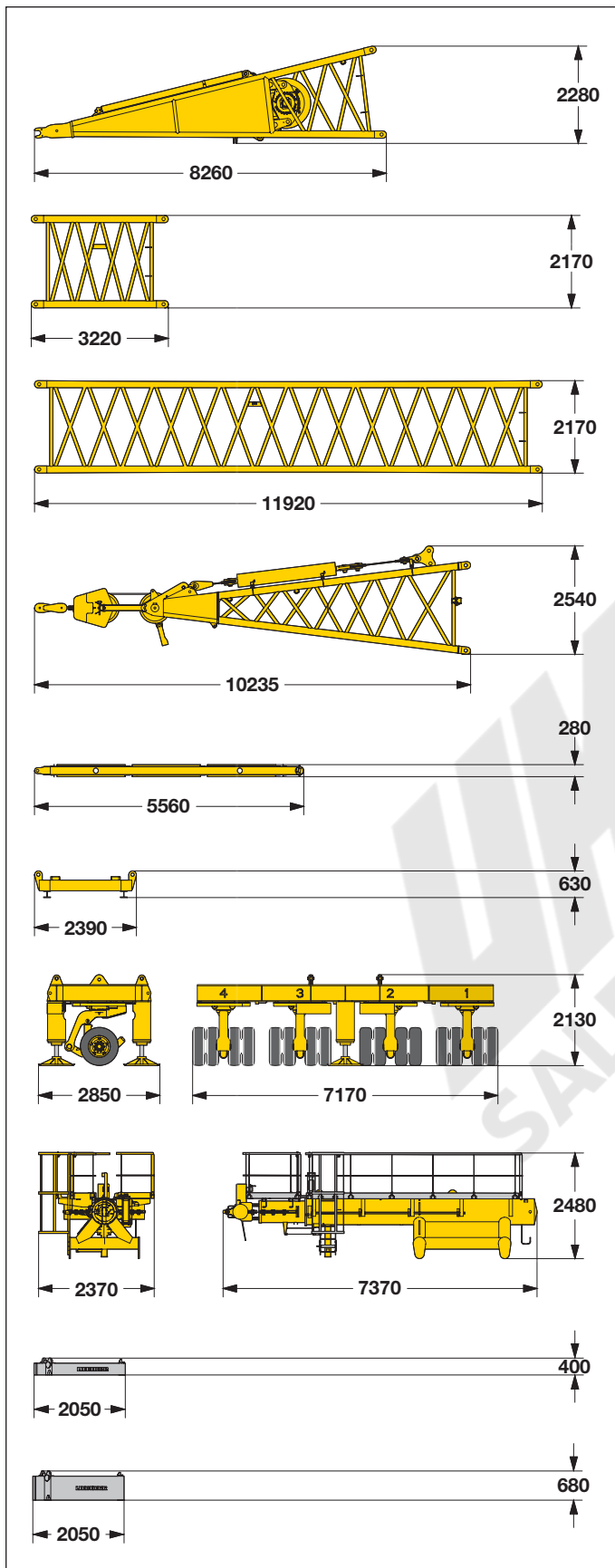


Derrick equipment
with wheeled counterweight carriage



Transport dimensions and weights

Basic machine and boom (No. 2220.xx)



*) including pendant straps; **) including pendant ropes

Derrick foot (No. 2220.24)

| | |
|-------------------|---------|
| Width | 2420 mm |
| Weight incl. rope | 7800 kg |

Boom section (No. 2220.24)

| | |
|---------|---------|
| Width | 2420 mm |
| Weight* | 1030 kg |

Boom section (No. 2220.22)

| | |
|---------|---------|
| Width | 2420 mm |
| Weight* | 2560 kg |

Boom head (No. 2220.22)

| | |
|---------|---------|
| Width | 2420 mm |
| Weight* | 5400 kg |

Spacer frame

| | |
|---------|---------|
| Width | 2470 mm |
| Weight* | 495 kg |

Counterweight frame

| | |
|----------|----------|
| Width | 5050 mm |
| Weight** | 14360 kg |

Wheeled counterweight carriage

| | |
|---------|----------|
| Width | 2850 mm |
| Weight* | 13155 kg |

Telescopic unit

| | |
|---------|---------|
| Width | 2370 mm |
| Weight* | 6645 kg |

Counterweight (5 t)

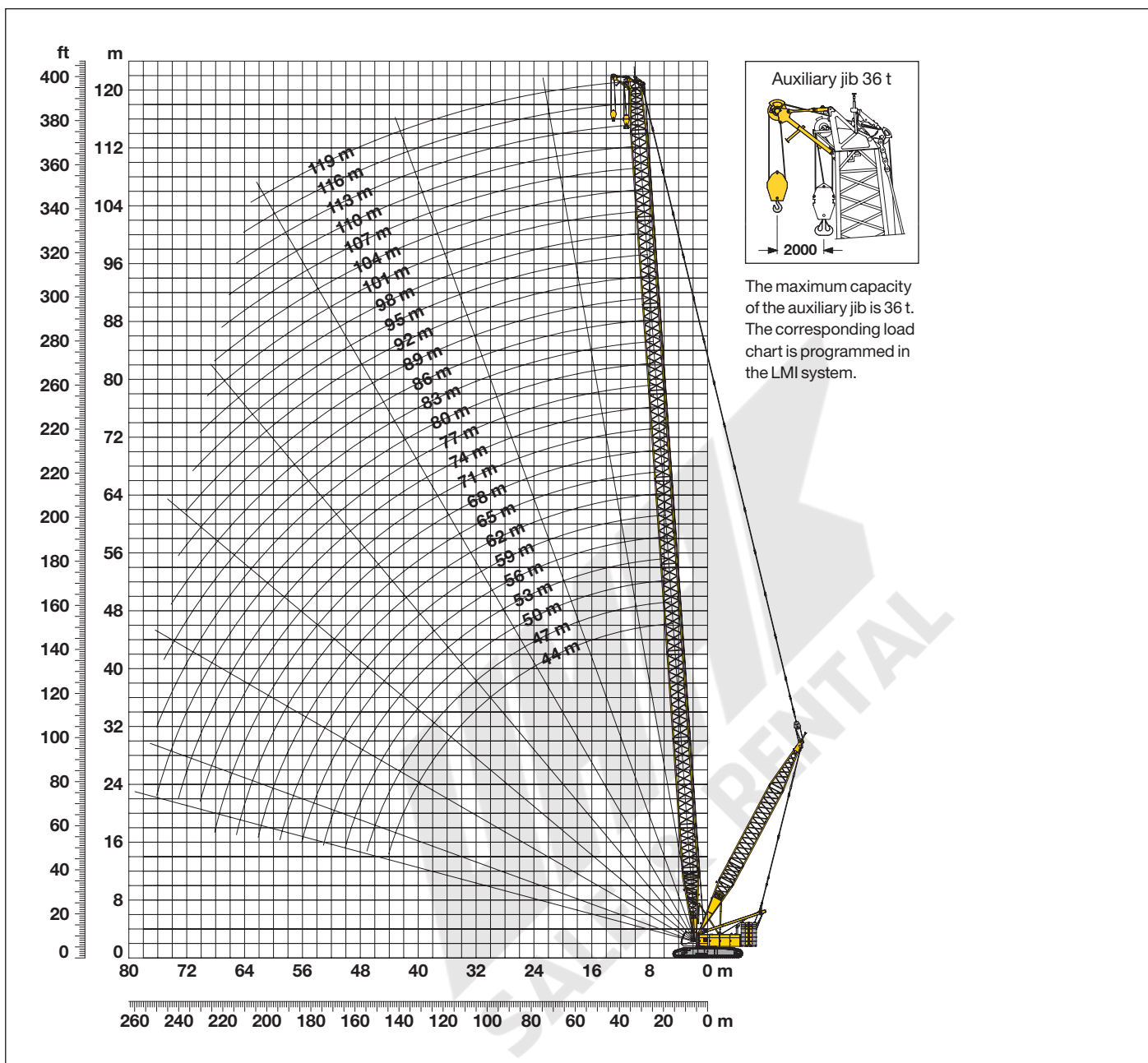
| | |
|---------|---------|
| Width | 2120 mm |
| Weight* | 5000 kg |

Counterweight (10 t)

| | |
|---------|----------|
| Width | 2120 mm |
| Weight* | 10000 kg |

Working range - main boom (No.2821.xx) 86° - 15°

124 t counterweight and 57 t carbody counterweight



Main boom configuration (Table 1 – No. 2821.xx)

Configuration for boom lengths between 44 m and 119 m

| | Length | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------|--------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----|-----|-----|-----|-----|-----|-----|
| Boom foot | 10 m | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | |
| Boom section | 3 m | 1 | | 1 | | 1 | | 1 | | 1 | | 1 | | 1 | | 1 | | 1 | | 1 | | 1 | | 1 | | | |
| Boom section | 6 m | | 1 | 1 | | | 1 | 1 | | | 1 | 1 | | | 1 | 1 | | | 1 | 1 | | | 1 | 1 | | | |
| Boom section | 12 m | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 8 | 8 | 8 |
| Boom head | 7 m | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | |
| Boom length (m) | | 44 | 47 | 50 | 53 | 56 | 59 | 62 | 65 | 68 | 71 | 74 | 77 | 80 | 83 | 86 | 89 | 92 | 95 | 98 | 101 | 104 | 107 | 110 | 113 | 116 | 119 |

Lift chart - main boom (No. 2821.xx)

124 t counterweight and 57 t carbody counterweight

Capacities in metric tons for boom lengths (44 m - 119 m) - with 215 kN winches
124 t counterweight and 57 t carbody counterweight

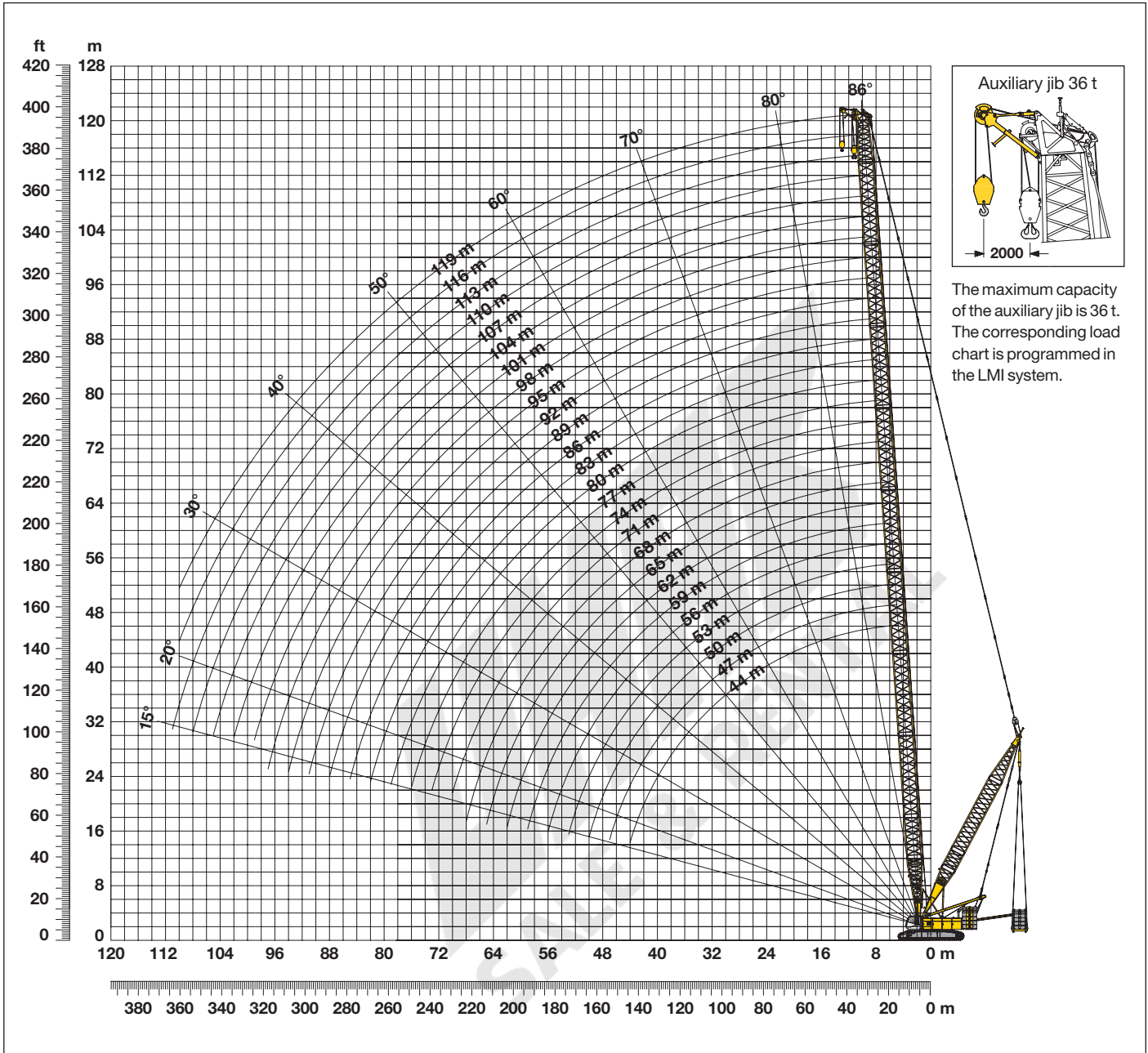
| Radius (m) | Boom length in (m) | | | | | | | | | | | | Radius (m) |
|------------|--------------------|------|------|-------|-------|------|------|------|------|------|------|------|------------|
| | 44 | 50 | 56 | 68 | 74 | 86 | 92 | 98 | 104 | 110 | 113 | 119 | |
| 8.9 | t | t | t | t | t | 92.2 | t | t | t | t | t | t | 8.9 |
| 9 | | | | 141.7 | 129.9 | 92.2 | | | | | | | 9 |
| 10 | | | | 123.2 | 122.8 | 92.2 | 79.2 | 68.5 | | | | | 10 |
| 12 | 98.2 | 98.0 | 97.8 | 97.1 | 96.7 | 90.2 | 77.8 | 67.7 | 59.0 | 51.4 | 47.9 | 41.5 | 12 |
| 14 | 80.6 | 80.4 | 80.1 | 79.4 | 78.9 | 78.0 | 76.5 | 66.2 | 57.7 | 50.4 | 47.1 | 41.0 | 14 |
| 16 | 68.1 | 67.8 | 67.5 | 66.7 | 66.2 | 65.2 | 64.7 | 64.2 | 56.6 | 49.2 | 45.9 | 39.7 | 16 |
| 18 | 63.1 | 58.4 | 58.1 | 57.2 | 56.7 | 55.7 | 55.2 | 54.6 | 54.1 | 48.0 | 44.8 | 38.6 | 18 |
| 20 | 55.3 | 55.0 | 50.4 | 49.5 | 48.9 | 47.9 | 47.4 | 46.8 | 46.3 | 45.7 | 43.4 | 36.9 | 20 |
| 22 | 48.6 | 48.3 | 48.1 | 43.7 | 43.1 | 42.1 | 41.6 | 41.0 | 40.4 | 39.8 | 39.6 | 35.7 | 22 |
| 24 | 43.5 | 43.2 | 43.0 | 38.5 | 38.0 | 36.9 | 36.4 | 35.8 | 35.2 | 34.6 | 34.4 | 33.8 | 24 |
| 26 | 38.9 | 38.6 | 38.4 | 34.3 | 33.7 | 32.6 | 32.1 | 31.5 | 30.9 | 30.3 | 30.1 | 29.9 | 26 |
| 28 | 35.1 | 34.7 | 34.5 | 33.6 | 30.1 | 29.4 | 28.8 | 28.2 | 27.7 | 27.0 | 26.8 | 26.2 | 28 |
| 30 | 31.7 | 31.4 | 31.1 | 30.3 | 30.1 | 26.2 | 25.7 | 25.0 | 24.5 | 23.8 | 23.6 | 23.0 | 30 |
| 32 | 29.1 | 28.8 | 28.5 | 27.7 | 27.1 | 23.5 | 22.9 | 22.3 | 21.7 | 21.1 | 20.9 | 20.2 | 32 |
| 34 | 26.5 | 26.2 | 25.9 | 25.1 | 24.6 | 23.5 | 20.5 | 19.9 | 19.3 | 18.7 | 18.5 | 17.8 | 34 |
| 36 | 24.2 | 23.9 | 23.6 | 22.8 | 22.3 | 21.2 | 20.7 | 17.8 | 17.2 | 16.6 | 16.4 | 15.7 | 36 |
| 38 | 22.2 | 21.9 | 21.6 | 20.8 | 20.3 | 19.2 | 18.7 | 18.1 | 15.3 | 15.1 | 15.1 | 14.5 | 38 |
| 40 | 20.3 | 20.1 | 19.8 | 19.0 | 18.4 | 17.4 | 16.9 | 16.3 | 15.7 | 13.6 | 13.4 | 12.8 | 40 |
| 42 | 18.7 | 18.4 | 18.2 | 17.3 | 16.8 | 15.8 | 15.3 | 15.1 | 14.7 | 14.1 | 13.8 | 11.2 | 42 |
| 44 | 17.2 | 16.9 | 16.7 | 15.9 | 15.3 | 14.9 | 14.3 | 13.7 | 13.2 | 12.5 | 12.3 | 11.7 | 44 |
| 46 | | 15.6 | 15.3 | 15.1 | 14.5 | 13.5 | 13.0 | 12.3 | 11.8 | 11.1 | 10.9 | 10.3 | 46 |
| 48 | | 14.7 | 14.5 | 13.8 | 13.3 | 12.2 | 11.7 | 11.1 | 10.5 | 9.9 | 9.6 | 9.0 | 48 |
| 50 | | 13.5 | 13.4 | 12.6 | 12.1 | 11.0 | 10.5 | 9.9 | 9.3 | 8.7 | 8.5 | 7.8 | 50 |
| 55 | | | 10.7 | 10.1 | 9.6 | 8.5 | 8.0 | 7.4 | 6.8 | 6.2 | 6.0 | 5.3 | 55 |
| 60 | | | | 7.9 | 7.4 | 6.4 | 5.9 | 5.3 | 4.8 | 4.1 | 3.9 | 3.3 | 60 |
| 65 | | | | 6.1 | 5.7 | 4.7 | 4.2 | 3.6 | 3.0 | 2.4 | 2.2 | | 65 |
| 70 | | | | | 4.1 | 3.2 | 2.7 | 2.1 | | | | | 70 |

Above lift chart is for reference only.

For actual lift duty and complete chart with all available configurations please refer to lift chart in operator's cab or manual.

Working range - main boom (No.2821.xx) 86° - 15°

124 t counterweight and 57 t carbody counterweight and max. 120 t suspended counterweight at 13 m radius



Main boom configuration (Table 1 – No. 2821.xx)

Configuration for boom lengths between 44 m and 119 m

| | Length | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------|--------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----|-----|-----|-----|-----|-----|-----|
| Boom foot | 10 m | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | | |
| Boom section | 3 m | | 1 | | 1 | | 1 | | 1 | | 1 | | 1 | | 1 | | 1 | | 1 | | 1 | | 1 | | | | |
| Boom section | 6 m | | 1 | 1 | | 1 | 1 | | 1 | 1 | | 1 | 1 | | 1 | 1 | | 1 | 1 | | 1 | 1 | | 1 | | | |
| Boom section | 12 m | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 8 | 8 | 8 |
| Boom head | 7 m | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| Boom length (m) | | 44 | 47 | 50 | 53 | 56 | 59 | 62 | 65 | 68 | 71 | 74 | 77 | 80 | 83 | 86 | 89 | 92 | 95 | 98 | 101 | 104 | 107 | 110 | 113 | 116 | 119 |

Lift chart - main boom (No. 2821.xx)

124 t counterweight and 57 t carbody counterweight and max. 120 t suspended counterweight at 13 m radius

Main boom 44 m

| Radius | Suspended counterweight in metric tons at 13 m radius | | | | |
|--------|---|-------|-------|-------|-------|
| | 0 | 50 | 75 | 90 | 120 |
| (m) | t | t | t | t | t |
| 12 | 98.2 | 157.6 | 187.0 | 204.8 | 236.6 |
| 14 | 80.6 | 130.5 | 155.2 | 170.1 | 199.8 |
| 16 | 68.1 | 110.8 | 132.1 | 144.9 | 170.7 |
| 18 | 63.1 | 100.8 | 119.4 | 130.8 | 153.2 |
| 20 | 55.3 | 88.6 | 105.2 | 115.4 | 135.3 |
| 22 | 48.6 | 78.8 | 93.9 | 102.9 | 121.0 |
| 24 | 43.5 | 70.9 | 84.6 | 92.7 | 109.2 |
| 26 | 38.9 | 64.1 | 76.7 | 84.3 | 99.4 |
| 28 | 35.1 | 58.5 | 70.1 | 77.0 | 90.9 |
| 30 | 31.7 | 53.5 | 64.3 | 70.9 | 83.8 |
| 32 | 29.1 | 49.2 | 59.5 | 65.4 | 77.5 |
| 34 | 26.5 | 45.4 | 55.0 | 60.6 | 72.1 |
| 36 | 24.2 | 42.2 | 51.1 | 56.5 | 67.2 |
| 38 | 22.2 | 39.2 | 47.6 | 52.7 | 62.8 |
| 40 | 20.3 | 36.5 | 44.6 | 49.3 | 59.0 |
| 42 | 18.7 | 34.0 | 41.7 | 46.2 | 55.4 |
| 44 | 17.2 | 31.8 | 39.1 | 43.4 | 50.8 |

Main boom 50 m

| Radius | Suspended counterweight in metric tons at 13 m radius | | | | |
|--------|---|-------|-------|-------|-------|
| | 0 | 50 | 75 | 90 | 120 |
| (m) | (t) | (t) | (t) | (t) | (t) |
| 11 | 109.3 | | | | |
| 12 | 97.8 | 157.1 | 182.5 | 182.5 | |
| 14 | 80.1 | 129.9 | 154.7 | 169.5 | 175.6 |
| 16 | 67.5 | 110.2 | 131.4 | 144.4 | 168.7 |
| 18 | 58.1 | 95.4 | 114.2 | 125.4 | 147.8 |
| 20 | 50.4 | 83.9 | 100.6 | 110.5 | 130.6 |
| 22 | 48.1 | 78.2 | 93.3 | 102.5 | 120.4 |
| 24 | 43.0 | 70.3 | 84.0 | 92.1 | 108.6 |
| 26 | 38.4 | 63.5 | 76.0 | 83.7 | 98.8 |
| 28 | 34.5 | 57.9 | 69.5 | 76.4 | 90.3 |
| 30 | 31.1 | 52.9 | 63.7 | 70.3 | 83.2 |
| 32 | 28.5 | 48.6 | 58.9 | 64.8 | 76.9 |
| 34 | 25.9 | 45.0 | 54.4 | 60.0 | 71.5 |
| 36 | 23.6 | 41.7 | 50.5 | 55.9 | 66.6 |
| 38 | 21.6 | 38.6 | 47.0 | 52.1 | 62.2 |
| 40 | 19.8 | 36.0 | 44.1 | 48.7 | 58.4 |
| 42 | 18.2 | 33.5 | 41.2 | 45.7 | 54.9 |
| 44 | 16.7 | 31.3 | 38.6 | 43.0 | 51.7 |
| 46 | 15.3 | 29.4 | 36.3 | 40.5 | 48.7 |
| 48 | 14.5 | 27.5 | 34.2 | 38.2 | 46.0 |
| 50 | 13.4 | 25.8 | 32.2 | 36.0 | 43.7 |
| 55 | 10.7 | 22.0 | 27.8 | 31.3 | 38.2 |

Main boom 56 m

| Radius | Suspended counterweight in metric tons at 13 m radius | | | | |
|--------|---|-------|-------|-------|-------|
| | 0 | 50 | 75 | 90 | 120 |
| (m) | t | t | t | t | t |
| 11 | 109.3 | 174.9 | 187.1 | 187.1 | |
| 12 | 97.8 | 157.1 | 182.5 | 182.5 | |
| 14 | 80.1 | 129.9 | 154.7 | 169.5 | 175.6 |
| 16 | 67.5 | 110.2 | 131.4 | 144.4 | 168.7 |
| 18 | 58.1 | 95.4 | 114.2 | 125.4 | 147.8 |
| 20 | 50.4 | 83.9 | 100.6 | 110.5 | 130.6 |
| 22 | 48.1 | 78.2 | 93.3 | 102.5 | 120.4 |
| 24 | 43.0 | 70.3 | 84.0 | 92.1 | 108.6 |
| 26 | 38.4 | 63.5 | 76.0 | 83.7 | 98.8 |
| 28 | 34.5 | 57.9 | 69.5 | 76.4 | 90.3 |
| 30 | 31.1 | 52.9 | 63.7 | 70.3 | 83.2 |
| 32 | 28.5 | 48.6 | 58.9 | 64.8 | 76.9 |
| 34 | 25.9 | 45.0 | 54.4 | 60.0 | 71.5 |
| 36 | 23.6 | 41.7 | 50.5 | 55.9 | 66.6 |
| 38 | 21.6 | 38.6 | 47.0 | 52.1 | 62.2 |
| 40 | 19.8 | 36.0 | 44.1 | 48.7 | 58.4 |
| 42 | 18.2 | 33.5 | 41.2 | 45.7 | 54.9 |
| 44 | 16.7 | 31.3 | 38.6 | 43.0 | 51.7 |
| 46 | 15.3 | 29.4 | 36.3 | 40.5 | 48.7 |
| 48 | 14.5 | 27.5 | 34.2 | 38.2 | 46.0 |
| 50 | 13.4 | 25.8 | 32.2 | 36.0 | 43.7 |
| 55 | 10.7 | 22.0 | 27.8 | 31.3 | 38.2 |

Main boom 68 m

| Radius | Suspended counterweight in metric tons at 13 m radius | | | | |
|--------|---|-------|-------|-------|-------|
| | 0 | 50 | 75 | 90 | 120 |
| (m) | (t) | (t) | (t) | (t) | (t) |
| 9 | 141.7 | | | | |
| 10 | 123.2 | 144.5 | 144.5 | | |
| 12 | 97.1 | 139.4 | 139.4 | 139.4 | |
| 16 | 66.7 | 109.4 | 130.8 | 131.4 | 131.4 |
| 18 | 57.2 | 94.5 | 113.3 | 124.5 | 126.2 |
| 20 | 49.5 | 83.0 | 99.7 | 109.6 | 121.8 |
| 22 | 43.7 | 73.8 | 88.6 | 97.7 | 115.6 |
| 24 | 38.5 | 65.9 | 79.6 | 88.0 | 104.2 |
| 26 | 34.3 | 59.7 | 72.2 | 79.6 | 94.7 |
| 28 | 33.6 | 57.1 | 68.6 | 75.5 | 89.4 |
| 30 | 30.3 | 52.1 | 62.8 | 69.4 | 82.3 |
| 32 | 27.7 | 47.7 | 58.0 | 63.9 | 76.0 |
| 34 | 25.1 | 44.2 | 53.6 | 59.3 | 70.6 |
| 36 | 22.8 | 40.8 | 49.6 | 55.1 | 65.7 |
| 38 | 20.8 | 37.8 | 46.2 | 51.3 | 61.3 |
| 40 | 19.0 | 35.1 | 43.2 | 47.9 | 57.6 |
| 44 | 15.9 | 30.5 | 37.8 | 42.2 | 50.8 |
| 48 | 13.8 | 26.8 | 33.4 | 37.4 | 45.2 |
| 50 | 12.6 | 25.1 | 31.4 | 35.2 | 42.9 |
| 55 | 10.1 | 21.4 | 27.2 | 30.6 | 37.6 |
| 60 | 7.9 | 18.3 | 23.6 | 26.8 | 33.1 |
| 65 | 6.1 | 15.7 | 20.5 | 23.5 | 29.3 |

Above lift chart is for reference only.

For actual lift duty and complete chart with all available configurations please refer to lift chart in operator's cab or manual.

Lift chart – main boom (No. 2821.xx)

124 t counterweight and 57 t carbody counterweight and max. 120 t suspended counterweight at 13 m radius

Main boom 74 m

| Radius | Suspended counterweight in metric tons at 13 m radius | | | | |
|--------|---|-------|-------|-------|-------|
| | 0 | 50 | 75 | 90 | 120 |
| (m) | (t) | (t) | (t) | (t) | (t) |
| 9 | 129.9 | | | | |
| 10 | 122.8 | 129.9 | | | |
| 12 | 96.7 | 126.9 | 122.1 | | |
| 14 | 78.9 | 122.1 | 118.0 | 118.0 | |
| 18 | 56.7 | 108.9 | 111.6 | 111.6 | 111.6 |
| 20 | 48.9 | 94.0 | 99.1 | 107.3 | 107.3 |
| 22 | 43.1 | 82.4 | 88.2 | 97.2 | 103.6 |
| 24 | 38.0 | 73.2 | 79.1 | 87.4 | 100.6 |
| 26 | 33.7 | 65.4 | 71.7 | 79.1 | 94.2 |
| 28 | 30.1 | 59.1 | 65.2 | 72.2 | 86.1 |
| 30 | 30.1 | 53.6 | 62.3 | 68.9 | 81.8 |
| 32 | 27.1 | 51.6 | 57.5 | 63.4 | 75.5 |
| 34 | 24.6 | 47.2 | 53.0 | 58.8 | 70.1 |
| 36 | 22.3 | 43.7 | 49.1 | 54.5 | 65.2 |
| 38 | 20.3 | 40.3 | 45.6 | 50.7 | 60.8 |
| 40 | 18.4 | 37.3 | 42.7 | 47.4 | 57.1 |
| 44 | 15.3 | 32.2 | 37.3 | 41.7 | 50.3 |
| 48 | 13.3 | 28.1 | 32.8 | 36.9 | 44.9 |
| 55 | 9.6 | 24.6 | 26.7 | 30.1 | 37.1 |
| 60 | 7.4 | 20.9 | 23.1 | 26.3 | 32.6 |
| 65 | 5.7 | 17.8 | 20.1 | 23.0 | 28.9 |
| 70 | 4.1 | 15.2 | 17.5 | 20.2 | 25.6 |

Main boom 86 m

| Radius | Suspended counterweight in metric tons at 13 m radius | | | | |
|--------|---|------|------|------|------|
| | 0 | 50 | 75 | 90 | 120 |
| (m) | (t) | (t) | (t) | (t) | (t) |
| 8.9 | 92.2 | | | | |
| 12 | 90.2 | 90.2 | | | |
| 16 | 65.2 | 86.0 | 86.0 | | |
| 18 | 55.7 | 84.2 | 84.2 | 84.2 | |
| 24 | 36.9 | 64.3 | 76.4 | 76.4 | 76.4 |
| 26 | 32.6 | 58.1 | 70.6 | 74.1 | 74.1 |
| 28 | 29.4 | 52.5 | 64.1 | 70.9 | 72.2 |
| 30 | 26.2 | 47.7 | 58.7 | 65.0 | 71.5 |
| 32 | 23.5 | 43.9 | 53.8 | 59.8 | 71.3 |
| 34 | 23.5 | 42.6 | 52.0 | 57.7 | 69.0 |
| 36 | 21.2 | 39.2 | 48.1 | 53.5 | 64.1 |
| 38 | 19.2 | 36.2 | 44.8 | 49.7 | 59.8 |
| 40 | 17.4 | 33.5 | 41.7 | 46.3 | 56.0 |
| 44 | 14.9 | 29.1 | 36.3 | 40.7 | 49.3 |
| 48 | 12.2 | 25.2 | 31.8 | 35.8 | 43.9 |
| 55 | 8.5 | 19.9 | 25.7 | 29.2 | 36.1 |
| 60 | 6.4 | 16.8 | 22.1 | 25.3 | 31.6 |
| 65 | 4.7 | 14.6 | 19.1 | 22.1 | 28.0 |
| 70 | 3.2 | 12.3 | 16.6 | 19.3 | 24.7 |
| 75 | | 10.4 | 14.6 | 16.9 | 21.9 |
| 80 | | 8.6 | 12.6 | 15.0 | 19.5 |
| 85 | | 7.1 | 10.8 | 13.0 | 17.3 |

Main boom 92 m

| Radius | Suspended counterweight in metric tons at 13 m radius | | | | |
|--------|---|------|------|------|------|
| | 0 | 50 | 75 | 90 | 120 |
| (m) | (t) | (t) | (t) | (t) | (t) |
| 9.3 | 79.2 | | | | |
| 12 | 77.8 | 77.8 | | | |
| 18 | 55.2 | 72.8 | 72.8 | | |
| 20 | 47.4 | 71.6 | 71.6 | 71.6 | |
| 28 | 28.8 | 52.0 | 62.5 | 62.5 | 62.5 |
| 30 | 25.7 | 47.2 | 58.2 | 60.9 | 60.9 |
| 32 | 22.9 | 43.3 | 53.3 | 59.2 | 60.3 |
| 34 | 20.5 | 39.7 | 49.0 | 54.8 | 59.9 |
| 36 | 20.7 | 38.7 | 47.5 | 53.0 | 59.6 |
| 38 | 18.7 | 35.7 | 44.3 | 49.2 | 59.1 |
| 40 | 16.9 | 33.0 | 41.1 | 45.8 | 55.5 |
| 44 | 14.3 | 28.6 | 35.7 | 40.1 | 48.7 |
| 48 | 11.7 | 24.7 | 31.3 | 35.3 | 43.3 |
| 50 | 10.5 | 23.0 | 29.5 | 33.2 | 40.9 |
| 55 | 8.0 | 19.4 | 25.2 | 28.7 | 35.5 |
| 60 | 5.9 | 16.3 | 21.6 | 24.8 | 31.1 |
| 65 | 4.2 | 14.1 | 18.6 | 21.6 | 27.5 |
| 70 | 2.7 | 11.9 | 16.1 | 18.8 | 24.2 |
| 75 | | 9.9 | 14.2 | 16.4 | 21.4 |
| 80 | | 8.2 | 12.2 | 14.6 | 19.0 |
| 85 | | 6.7 | 10.4 | 12.6 | 16.8 |
| 90 | | 5.3 | 8.8 | 10.9 | 14.9 |

Main boom 98 m

| Radius | Suspended counterweight in metric tons at 13 m radius | | | | |
|--------|---|------|------|------|------|
| | 0 | 50 | 75 | 90 | 120 |
| (m) | (t) | (t) | (t) | (t) | (t) |
| 9.7 | 68.5 | | | | |
| 14 | 66.2 | 66.2 | | | |
| 20 | 46.8 | 62.0 | 62.0 | | |
| 22 | 41.0 | 60.1 | 60.1 | 60.1 | |
| 30 | 25.0 | 46.6 | 57.6 | 58.0 | 58.0 |
| 32 | 22.3 | 42.7 | 52.7 | 57.9 | 57.9 |
| 34 | 19.9 | 39.0 | 48.4 | 54.2 | 57.9 |
| 36 | 17.8 | 35.8 | 44.9 | 50.1 | 57.9 |
| 38 | 18.1 | 35.1 | 43.7 | 48.6 | 57.9 |
| 40 | 16.3 | 32.4 | 40.5 | 45.2 | 54.9 |
| 44 | 13.7 | 28.0 | 35.1 | 39.5 | 48.1 |
| 48 | 11.1 | 24.1 | 30.7 | 34.7 | 42.7 |
| 50 | 9.9 | 22.4 | 28.9 | 32.6 | 40.3 |
| 55 | 7.4 | 18.8 | 24.6 | 28.1 | 34.9 |
| 60 | 5.3 | 15.7 | 21.0 | 24.2 | 30.5 |
| 65 | 3.6 | 13.5 | 18.1 | 21.0 | 26.9 |
| 70 | 2.1 | 11.3 | 15.5 | 18.2 | 23.7 |
| 75 | | 9.3 | 13.6 | 15.8 | 20.9 |
| 80 | | 7.6 | 11.6 | 14.0 | 18.4 |
| 85 | | 6.1 | 9.9 | 12.1 | 16.3 |
| 90 | | 4.8 | 8.3 | 10.4 | 14.6 |
| 95 | | 3.5 | 6.8 | 8.8 | 12.8 |

Above lift chart is for reference only.

For actual lift duty and complete chart with all available configurations please refer to lift chart in operator's cab or manual.

Lift chart - main boom (No. 2821.xx)

124 t counterweight and 57 t carbody counterweight and max. 120 t suspended counterweight at 13 m radius

Main boom 104 m

| Radius | Suspended counterweight in metric tons at 13 m radius | | | | |
|--------|---|------|------|------|------|
| | 0 | 50 | 75 | 90 | 120 |
| (m) | t | t | t | t | t |
| 12 | 59.0 | | | | |
| 14 | 57.7 | 57.7 | | | |
| 22 | 40.4 | 52.5 | 52.5 | | |
| 26 | 30.9 | 50.3 | 50.3 | 50.3 | |
| 32 | 21.7 | 42.1 | 50.1 | 50.1 | 50.1 |
| 34 | 19.3 | 38.5 | 47.9 | 50.1 | 50.1 |
| 36 | 17.2 | 35.3 | 44.3 | 49.5 | 50.1 |
| 38 | 15.3 | 32.4 | 41.0 | 45.9 | 50.1 |
| 40 | 15.7 | 31.9 | 40.0 | 44.8 | 50.1 |
| 44 | 13.2 | 27.4 | 34.6 | 39.0 | 47.6 |
| 48 | 10.5 | 23.6 | 30.1 | 34.1 | 42.2 |
| 50 | 9.3 | 21.9 | 28.3 | 32.0 | 39.7 |
| 55 | 6.8 | 18.2 | 24.0 | 27.6 | 34.4 |
| 60 | 4.8 | 15.2 | 20.5 | 23.7 | 30.0 |
| 65 | 3.0 | 13.0 | 17.5 | 20.5 | 26.3 |
| 70 | | 10.7 | 15.1 | 17.7 | 23.1 |
| 75 | | 8.8 | 13.1 | 15.3 | 20.3 |
| 80 | | 7.1 | 11.1 | 13.5 | 17.9 |
| 85 | | 5.6 | 9.3 | 11.6 | 15.8 |
| 90 | | 4.3 | 7.8 | 9.9 | 14.1 |
| 95 | | 3.0 | 6.4 | 8.4 | 12.4 |
| 100 | | | 5.1 | 7.0 | 10.8 |

Main boom 110 m

| Radius | Suspended counterweight in metric tons at 13 m radius | | | | |
|--------|---|------|------|------|------|
| | 0 | 50 | 75 | 90 | 120 |
| (m) | (t) | (t) | (t) | (t) | (t) |
| 10.6 | 51.4 | | | | |
| 16 | 49.2 | 49.2 | | | |
| 24 | 34.6 | 44.6 | 44.6 | | |
| 28 | 27.0 | 43.1 | 43.1 | 43.1 | |
| 36 | 16.6 | 34.6 | 42.7 | 42.7 | 42.7 |
| 38 | 15.1 | 31.8 | 40.3 | 42.7 | 42.7 |
| 40 | 13.6 | 29.4 | 37.3 | 42.0 | 42.7 |
| 44 | 12.5 | 26.8 | 34.0 | 38.4 | 42.7 |
| 46 | 11.1 | 24.8 | 31.6 | 35.8 | 42.7 |
| 48 | 9.9 | 22.9 | 29.7 | 33.5 | 41.5 |
| 50 | 8.7 | 21.2 | 27.7 | 31.4 | 39.1 |
| 55 | 6.2 | 17.6 | 23.4 | 26.9 | 33.8 |
| 60 | 4.1 | 15.0 | 19.9 | 23.1 | 29.5 |
| 65 | 2.4 | 12.4 | 16.9 | 19.8 | 25.7 |
| 70 | | 10.1 | 14.7 | 17.1 | 22.5 |
| 75 | | 8.2 | 12.5 | 15.0 | 19.7 |
| 80 | | 6.5 | 10.5 | 12.9 | 17.3 |
| 85 | | 5.0 | 8.7 | 11.0 | 15.2 |
| 90 | | 3.7 | 7.2 | 9.3 | 13.5 |
| 95 | | 2.5 | 5.8 | 7.8 | 11.8 |
| 100 | | | 4.5 | 6.4 | 10.2 |
| 105 | | | 3.4 | 5.2 | 8.8 |

Main boom 113 m

| Radius | Suspended counterweight in metric tons at 13 m radius | | | | |
|--------|---|------|------|------|------|
| | 0 | 50 | 75 | 90 | 120 |
| (m) | (t) | (t) | (t) | (t) | (t) |
| 10.8 | 47.9 | | | | |
| 16 | 45.9 | 45.9 | | | |
| 24 | 34.4 | 41.3 | 41.3 | | |
| 30 | 23.6 | 39.4 | 39.4 | 39.4 | |
| 38 | 15.1 | 31.5 | 38.9 | 38.9 | 38.9 |
| 40 | 13.4 | 29.2 | 37.1 | 38.9 | 38.9 |
| 44 | 12.3 | 26.6 | 33.7 | 38.0 | 38.9 |
| 46 | 10.9 | 24.6 | 31.4 | 35.6 | 38.9 |
| 48 | 9.6 | 22.7 | 29.5 | 33.3 | 38.9 |
| 50 | 8.5 | 21.0 | 27.5 | 31.2 | 38.7 |
| 55 | 6.0 | 17.4 | 23.2 | 26.7 | 33.6 |
| 60 | 3.9 | 14.8 | 19.7 | 22.9 | 29.3 |
| 65 | 2.2 | 12.1 | 16.7 | 19.6 | 25.5 |
| 70 | | 9.9 | 14.5 | 16.9 | 22.3 |
| 75 | | 8.0 | 12.2 | 14.8 | 19.5 |
| 80 | | 6.3 | 10.3 | 12.7 | 17.1 |
| 85 | | 4.8 | 8.5 | 10.8 | 15.0 |
| 90 | | 3.5 | 7.0 | 9.1 | 13.3 |
| 95 | | 2.3 | 5.6 | 7.6 | 11.6 |
| 100 | | | 4.3 | 6.2 | 10.0 |
| 105 | | | 3.2 | 5.0 | 8.6 |
| 110 | | | 2.1 | 3.8 | 7.3 |

Main boom 119 m

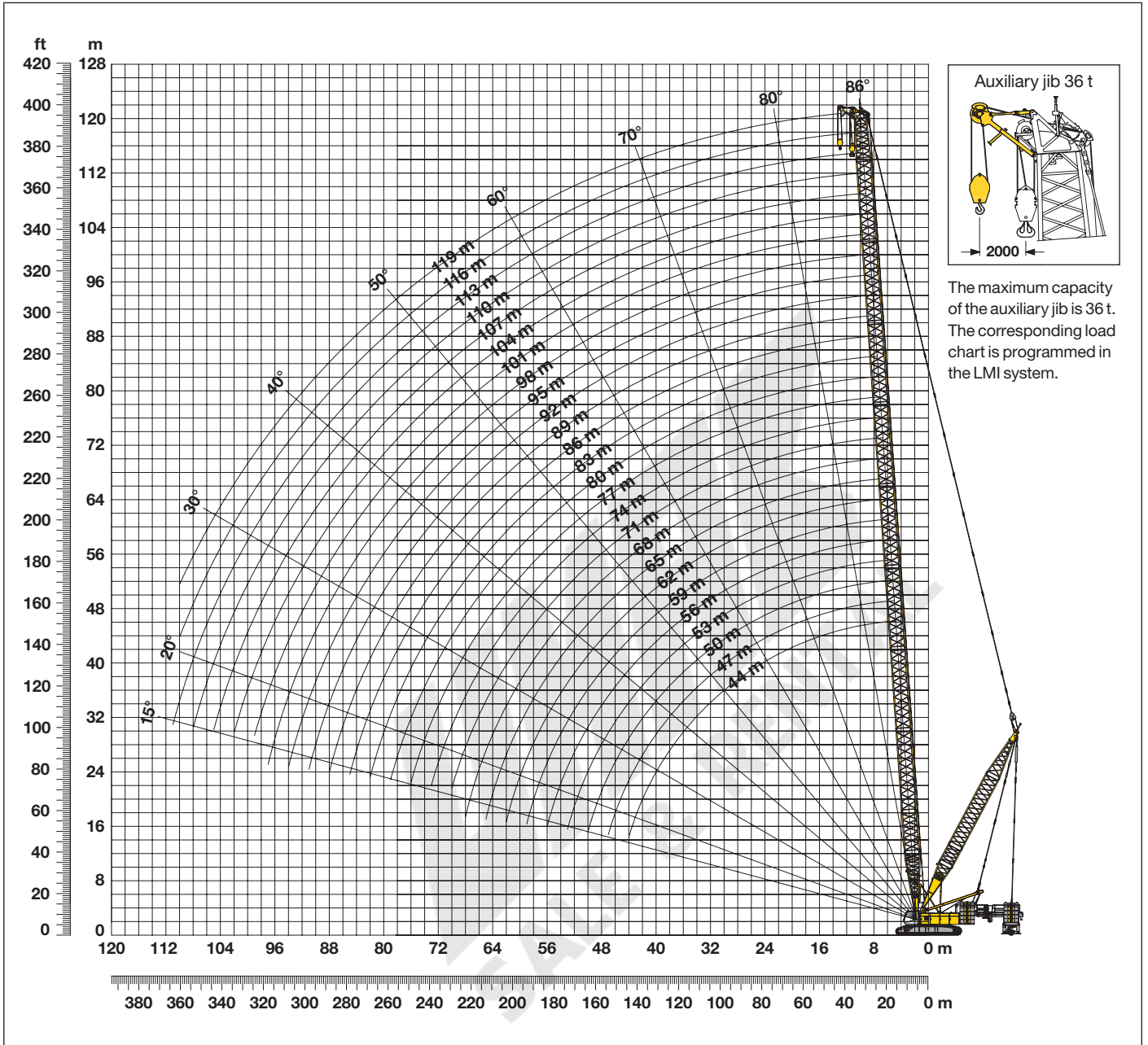
| Radius | Suspended counterweight in metric tons at 13 m radius | | | | |
|--------|---|------|------|------|------|
| | 0 | 50 | 75 | 90 | 120 |
| (m) | (t) | (t) | (t) | (t) | (t) |
| 11.2 | 41.5 | | | | |
| 18 | 38.6 | 38.6 | | | |
| 28 | 26.2 | 33.4 | 33.4 | | |
| 32 | 20.2 | 32.6 | 32.6 | 32.6 | |
| 42 | 11.2 | 26.2 | 31.9 | 31.9 | 31.9 |
| 44 | 11.7 | 25.9 | 31.9 | 31.9 | 31.9 |
| 46 | 10.3 | 23.9 | 30.8 | 31.9 | 31.9 |
| 48 | 9.0 | 22.1 | 28.8 | 31.9 | 31.9 |
| 50 | 7.8 | 20.4 | 26.9 | 30.6 | 31.9 |
| 55 | 5.3 | 16.7 | 22.6 | 26.1 | 31.9 |
| 60 | 3.3 | 14.1 | 19.0 | 22.2 | 28.6 |
| 65 | | 11.5 | 16.1 | 19.0 | 24.9 |
| 70 | | 9.3 | 13.9 | 16.2 | 21.7 |
| 75 | | 7.3 | 11.6 | 14.2 | 18.9 |
| 80 | | 5.7 | 9.7 | 12.1 | 16.5 |
| 85 | | 4.2 | 7.9 | 10.2 | 14.4 |
| 90 | | 2.9 | 6.4 | 8.5 | 12.5 |
| 95 | | | 5.0 | 7.0 | 10.8 |
| 100 | | | 3.8 | 5.7 | 9.3 |
| 105 | | | 2.6 | 4.4 | 7.9 |
| 110 | | | | 3.3 | 6.6 |
| 115 | | | | 2.2 | 2.6 |

Above lift chart is for reference only.

For actual lift duty and complete chart with all available configurations please refer to lift chart in operator's cab or manual.

Working range - main boom (No.2821.xx) 86° - 15°

124 t counterweight and 57 t carbody counterweight and 120 t wheeled counterweight carriage at 15.8 m radius



Main boom configuration (Table 1 – No. 2821.xx)

Configuration for boom lengths between 44 m and 119 m

| | Length | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------|--------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----|-----|-----|-----|-----|-----|-----|---|
| Boom foot | 10 m | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | |
| Boom section | 3 m | 1 | | 1 | | 1 | | 1 | | 1 | | 1 | | 1 | | 1 | | 1 | | 1 | | 1 | | 1 | | 1 | | |
| Boom section | 6 m | | 1 | 1 | | 1 | 1 | | 1 | 1 | | 1 | 1 | | 1 | 1 | | 1 | 1 | | 1 | 1 | | 1 | 1 | | 1 | |
| Boom section | 12 m | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 8 | 8 | 8 | 8 |
| Boom head | 7 m | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | |
| Boom length (m) | | 44 | 47 | 50 | 53 | 56 | 59 | 62 | 65 | 68 | 71 | 74 | 77 | 80 | 83 | 86 | 89 | 92 | 95 | 98 | 101 | 104 | 107 | 110 | 113 | 116 | 119 | |

Lift chart - main boom (No. 2821.xx)

124 t counterweight and 57 t carbody counterweight and 120 t wheeled counterweight carriage at 15.8 m radius

Capacities in metric tons for boom lengths (44 m - 119 m) - with 215 kN winches
124 t counterweight and 57 t carbody counterweight and 120 t wheeled counterweight carriage

| Radius (m) | Boom length in (m) | | | | | | | | | | | Radius (m) | |
|---------------|--------------------|-------|-------|-------|-------|------|------|------|------|------|------|---------------|-----|
| | 44 | 50 | 56 | 68 | 74 | 86 | 92 | 98 | 104 | 110 | 113 | | 119 |
| | t | t | t | t | t | t | t | t | t | t | t | t | t |
| 8.9 | | | | | | 92.2 | | | | | | | 8.9 |
| 9 | | | | 147.9 | 129.9 | 92.2 | | | | | | | 9 |
| 10 | | | | 144.5 | 126.9 | 92.2 | 79.2 | 68.5 | | | | | 10 |
| 12 | 236.6 | 211.2 | 182.5 | 139.4 | 122.1 | 90.2 | 77.8 | 67.7 | 59.0 | 51.4 | 47.9 | 41.5 | 12 |
| 14 | 219.4 | 201.0 | 175.6 | 134.7 | 118.0 | 88.4 | 76.5 | 66.2 | 57.7 | 50.4 | 47.1 | 41.0 | 14 |
| 16 | 188.8 | 188.3 | 168.7 | 131.4 | 114.9 | 86.0 | 74.5 | 64.9 | 56.6 | 49.2 | 45.9 | 39.7 | 16 |
| 18 | 169.1 | 164.1 | 163.2 | 126.2 | 111.6 | 84.2 | 72.8 | 63.3 | 55.1 | 48.0 | 44.8 | 38.6 | 18 |
| 20 | 149.6 | 149.3 | 144.7 | 121.8 | 107.3 | 82.3 | 71.6 | 62.0 | 53.9 | 46.7 | 43.4 | 36.9 | 20 |
| 22 | 133.8 | 133.5 | 133.2 | 118.2 | 103.6 | 79.1 | 69.2 | 60.1 | 52.5 | 45.7 | 42.4 | 35.7 | 22 |
| 24 | 120.9 | 120.6 | 120.3 | 114.9 | 100.6 | 76.4 | 66.6 | 58.7 | 51.2 | 44.6 | 41.3 | 34.8 | 24 |
| 26 | 110.1 | 109.8 | 109.5 | 105.4 | 98.1 | 74.1 | 64.4 | 58.2 | 50.3 | 43.7 | 40.4 | 34.0 | 26 |
| 28 | 101.0 | 100.5 | 100.3 | 99.5 | 95.6 | 72.2 | 62.5 | 58.0 | 50.1 | 43.1 | 39.7 | 33.4 | 28 |
| 30 | 93.0 | 92.7 | 92.4 | 91.5 | 91.0 | 71.5 | 60.9 | 58.0 | 50.1 | 42.9 | 39.4 | 32.9 | 30 |
| 32 | 86.2 | 85.9 | 85.6 | 84.7 | 84.2 | 71.3 | 60.3 | 57.9 | 50.1 | 42.8 | 39.3 | 32.6 | 32 |
| 34 | 80.1 | 79.8 | 79.5 | 78.6 | 78.1 | 71.1 | 59.9 | 57.9 | 50.1 | 42.7 | 39.1 | 32.4 | 34 |
| 36 | 74.7 | 74.4 | 74.2 | 73.2 | 72.9 | 71.0 | 59.6 | 57.9 | 50.1 | 42.7 | 39.0 | 32.1 | 36 |
| 38 | 70.0 | 69.7 | 69.5 | 68.6 | 68.1 | 67.0 | 59.3 | 57.9 | 50.1 | 42.7 | 38.9 | 31.9 | 38 |
| 40 | 65.7 | 65.4 | 65.2 | 64.3 | 63.8 | 62.7 | 59.0 | 57.9 | 50.1 | 42.7 | 38.9 | 31.9 | 40 |
| 42 | 61.8 | 61.5 | 61.3 | 60.4 | 59.9 | 59.0 | 58.2 | 57.7 | 50.1 | 42.7 | 38.9 | 31.9 | 42 |
| 44 | 58.1 | 58.1 | 57.9 | 57.1 | 56.5 | 55.5 | 55.0 | 54.4 | 50.1 | 42.7 | 38.9 | 31.9 | 44 |
| 46 | | 54.9 | 54.7 | 53.9 | 53.3 | 52.3 | 51.8 | 51.2 | 49.2 | 42.7 | 38.9 | 31.9 | 46 |
| 48 | | 51.9 | 51.7 | 50.9 | 50.4 | 49.4 | 48.9 | 48.3 | 47.7 | 42.4 | 38.9 | 31.9 | 48 |
| 50 | | 49.2 | 49.0 | 48.2 | 47.7 | 46.7 | 46.2 | 45.6 | 45.0 | 42.1 | 38.9 | 31.9 | 50 |
| 55 | | | 43.2 | 42.5 | 42.0 | 41.0 | 40.5 | 39.9 | 39.4 | 38.7 | 38.4 | 31.9 | 55 |
| 60 | | | | 37.6 | 37.1 | 36.2 | 35.6 | 35.1 | 34.5 | 33.9 | 33.7 | 31.9 | 60 |
| 65 | | | | 33.5 | 33.0 | 32.1 | 31.6 | 31.0 | 30.4 | 29.8 | 29.6 | 29.0 | 65 |
| 70 | | | | | 29.5 | 28.6 | 28.1 | 27.5 | 27.0 | 26.4 | 26.2 | 25.5 | 70 |
| 75 | | | | | | 25.5 | 25.0 | 24.5 | 23.9 | 23.3 | 23.1 | 22.3 | 75 |
| 80 | | | | | | | 22.8 | 22.4 | 21.8 | 21.3 | 20.7 | 20.5 | 80 |
| 85 | | | | | | | | 20.4 | 20.0 | 19.5 | 18.9 | 18.3 | 85 |
| 90 | | | | | | | | | 17.9 | 17.4 | 16.9 | 16.3 | 90 |
| 95 | | | | | | | | | | 15.4 | 15.0 | 14.4 | 95 |
| 100 | | | | | | | | | | | 13.4 | 12.7 | 100 |
| 105 | | | | | | | | | | | | 11.3 | 105 |
| 110 | | | | | | | | | | | | | 110 |
| 115 | | | | | | | | | | | | 9.6 | 115 |
| | | | | | | | | | | | | 2.6 | |

Above lift chart is for reference only.

For actual lift duty and complete chart with all available configurations please refer to lift chart in operator's cab or manual.

Lift chart - luffing jib (No. 2316.xx)

Main boom angle 88°

Main boom 44 m

| Radius (m) | Jib length in (m) | | | | | | | |
|---------------|-------------------|------|------|------|------|------|------|-----|
| | 41 | 53 | 65 | 77 | 89 | 95 | 101 | 113 |
| 13.2 | 66.3 | | | | | | | |
| 16 | 58.4 | 47.0 | | | | | | |
| 19 | 46.4 | 43.2 | 32.7 | | | | | |
| 22 | 38.1 | 35.9 | 31.0 | 23.0 | | | | |
| 24 | 32.8 | 31.1 | 29.0 | 22.3 | 16.3 | | | |
| 26 | 30.2 | 28.6 | 26.4 | 21.7 | 16.0 | 13.7 | 11.7 | |
| 30 | 25.3 | 23.5 | 22.2 | 19.4 | 15.4 | 13.2 | 11.4 | 8.2 |
| 34 | 22.2 | 20.7 | 19.0 | 17.1 | 14.6 | 12.7 | 11.0 | 7.9 |
| 38 | 19.1 | 17.8 | 16.5 | 14.9 | 13.5 | 12.2 | 10.5 | 7.5 |
| 40 | 18.3 | 16.8 | 15.6 | 13.7 | 12.6 | 11.7 | 10.3 | 7.3 |
| 42 | 17.4 | 16.0 | 14.6 | 12.7 | 11.8 | 11.0 | 10.0 | 7.2 |
| 55 | | 11.1 | 9.9 | 8.3 | 7.4 | 6.7 | 6.1 | 4.8 |
| 65 | | | 7.5 | 6.1 | 5.0 | 4.3 | 3.9 | 2.8 |
| 75 | | | | 4.6 | 3.3 | 2.9 | 2.3 | |
| 80 | | | | | 2.6 | 2.1 | | |
| 85 | | | | | 2.1 | | | |

Main boom 50 m

| Radius (m) | Jib length in (m) | | | | | | | |
|---------------|-------------------|------|------|------|------|------|------|-----|
| | 41 | 53 | 65 | 77 | 89 | 95 | 101 | 113 |
| 13.4 | 61.5 | | | | | | | |
| 16 | 54.5 | 44.5 | | | | | | |
| 19 | 44.1 | 40.7 | 31.2 | | | | | |
| 22 | 36.5 | 33.8 | 29.6 | 22.0 | | | | |
| 24 | 31.7 | 29.5 | 27.6 | 21.5 | 15.7 | | | |
| 26 | 29.0 | 27.2 | 25.1 | 20.8 | 15.5 | 13.2 | 11.3 | |
| 30 | 24.5 | 22.6 | 21.0 | 18.5 | 15.0 | 12.8 | 11.1 | 8.0 |
| 34 | 21.5 | 20.0 | 18.1 | 16.2 | 13.8 | 12.2 | 10.6 | 7.6 |
| 38 | 18.7 | 17.2 | 15.8 | 14.1 | 12.6 | 11.5 | 10.1 | 7.3 |
| 40 | 17.8 | 16.2 | 14.9 | 13.0 | 11.8 | 11.0 | 9.8 | 7.1 |
| 42 | 16.9 | 15.5 | 14.0 | 12.0 | 11.0 | 10.3 | 9.5 | 6.9 |
| 44 | 15.8 | 14.6 | 13.0 | 11.4 | 10.2 | 9.6 | 8.9 | 6.8 |
| 55 | | 10.8 | 9.5 | 7.9 | 7.0 | 6.3 | 5.7 | 4.5 |
| 65 | | | 7.3 | 5.9 | 4.7 | 4.1 | 3.7 | 2.5 |
| 75 | | | | 4.3 | 3.1 | 2.7 | 2.2 | |
| 80 | | | | | 2.5 | | | |

Main boom 62 m

| Radius (m) | Jib length in (m) | | | | | | | |
|---------------|-------------------|------|------|------|------|------|------|-----|
| | 41 | 53 | 65 | 77 | 89 | 95 | 101 | 113 |
| 13.9 | 50.7 | | | | | | | |
| 17 | 43.9 | 36.9 | | | | | | |
| 19 | 38.7 | 34.8 | 26.9 | | | | | |
| 22 | 32.5 | 29.6 | 25.6 | 19.3 | | | | |
| 24 | 28.8 | 26.1 | 23.8 | 19.0 | 14.0 | | | |
| 26 | 26.2 | 24.1 | 21.8 | 18.4 | 13.9 | 11.9 | | |
| 28 | 24.4 | 22.3 | 19.7 | 17.6 | 13.8 | 11.8 | 10.1 | |
| 30 | 22.5 | 20.4 | 18.2 | 16.4 | 13.6 | 11.7 | 10.1 | 7.0 |
| 34 | 19.7 | 18.0 | 15.9 | 14.2 | 12.3 | 11.1 | 9.8 | 6.8 |
| 42 | 15.7 | 14.0 | 12.3 | 10.7 | 9.5 | 8.8 | 8.0 | 6.0 |
| 44 | 14.8 | 13.3 | 11.5 | 10.1 | 8.9 | 8.2 | 7.5 | 5.7 |
| 55 | | 10.0 | 8.4 | 7.1 | 6.0 | 5.4 | 4.7 | 3.5 |
| 60 | | | 7.3 | 6.2 | 4.9 | 4.4 | 3.8 | 2.5 |
| 65 | | | 6.5 | 5.3 | 4.1 | 3.4 | 3.0 | |
| 70 | | | | 4.4 | 3.4 | 2.7 | 2.1 | |
| 75 | | | | 3.9 | 2.7 | 2.1 | | |

Main boom 74 m

| Radius (m) | Jib length in (m) | | | | | | | |
|---------------|-------------------|------|------|------|------|-----|-----|-----|
| | 41 | 53 | 65 | 77 | 89 | 95 | 101 | 113 |
| 14.3 | 39.7 | | | | | | | |
| 17 | 37.5 | 29.5 | | | | | | |
| 20 | 31.8 | 27.9 | 21.5 | | | | | |
| 22 | 28.8 | 25.6 | 21.0 | 15.7 | | | | |
| 26 | 23.5 | 21.2 | 18.7 | 15.2 | 11.3 | 9.7 | | |
| 28 | 22.0 | 19.7 | 17.1 | 14.8 | 11.3 | 9.6 | 8.1 | |
| 30 | 20.5 | 18.2 | 15.9 | 13.9 | 11.2 | 9.6 | 8.1 | 5.3 |
| 34 | 18.0 | 16.1 | 14.0 | 12.2 | 10.2 | 9.1 | 7.9 | 5.3 |
| 38 | 16.0 | 14.2 | 12.2 | 10.8 | 9.1 | 8.2 | 7.2 | 5.1 |
| 40 | 15.0 | 13.3 | 11.6 | 10.1 | 8.6 | 7.7 | 6.8 | 4.8 |
| 42 | 14.4 | 12.7 | 10.9 | 9.3 | 8.0 | 7.2 | 6.4 | 4.6 |
| 44 | 13.7 | 12.1 | 10.3 | 8.8 | 7.5 | 6.8 | 6.0 | 4.3 |
| 55 | | 9.1 | 7.6 | 6.1 | 5.0 | 4.4 | 3.7 | 2.5 |
| 65 | | | 5.8 | 4.5 | 3.3 | 2.7 | 2.2 | |
| 70 | | | | 3.8 | 2.7 | 2.1 | | |
| 75 | | | | 3.3 | 2.1 | | | |

Main boom 80 m

| Radius (m) | Jib length in (m) | | | | | | | |
|---------------|-------------------|------|------|------|------|-----|-----|-----|
| | 41 | 53 | 65 | 77 | 89 | 95 | 101 | 113 |
| 14.5 | 35.0 | | | | | | | |
| 17 | 33.7 | 26.1 | | | | | | |
| 20 | 29.1 | 25.1 | 19.1 | | | | | |
| 22 | 26.4 | 23.5 | 18.6 | 14.0 | | | | |
| 26 | 21.7 | 19.8 | 16.9 | 13.6 | 10.1 | 8.5 | | |
| 28 | 20.4 | 18.5 | 15.8 | 13.3 | 10.0 | 8.5 | 7.1 | |
| 30 | 19.0 | 17.2 | 14.7 | 12.6 | 9.9 | 8.4 | 7.0 | 4.5 |
| 34 | 16.8 | 15.2 | 13.0 | 11.3 | 9.2 | 8.1 | 6.9 | 4.4 |
| 38 | 15.0 | 13.4 | 11.4 | 10.0 | 8.3 | 7.3 | 6.3 | 4.3 |
| 42 | 13.6 | 12.0 | 10.2 | 8.7 | 7.3 | 6.5 | 5.7 | 3.8 |
| 44 | 12.9 | 11.4 | 9.6 | 8.1 | 6.8 | 6.1 | 5.3 | 3.6 |
| 50 | | 9.6 | 8.1 | 6.8 | 5.4 | 4.7 | 4.1 | 2.7 |
| 60 | | | 6.1 | 4.9 | 3.6 | 3.1 | 2.5 | |
| 65 | | | 5.4 | 4.2 | 2.9 | 2.3 | | |
| 70 | | | | 3.4 | 2.3 | | | |
| 75 | | | | 3.0 | | | | |

Main boom 86 m

| Radius (m) | Jib length in (m) | | | | | | | |
|---------------|-------------------|------|------|------|-----|-----|-----|-----|
| | 41 | 53 | 65 | 77 | 89 | 95 | 101 | 113 |
| 14.7 | 30.8 | | | | | | | |
| 18 | 29.0 | 22.8 | | | | | | |
| 20 | 26.8 | 22.0 | 16.8 | | | | | |
| 24 | 22.4 | 19.1 | 15.9 | 12.2 | | | | |
| 26 | 20.3 | 17.7 | 15.2 | 12.0 | 8.7 | 7.3 | | |
| 28 | 19.2 | 16.6 | 14.4 | 11.7 | 8.7 | 7.3 | 6.0 | |
| 30 | 17.9 | 15.5 | 13.6 | 11.3 | 8.6 | 7.2 | 6.0 | 3.6 |
| 34 | 15.8 | 13.7 | 12.1 | 10.3 | 8.1 | 7.0 | 5.8 | 3.5 |
| 38 | 14.2 | 12.1 | 10.6 | 9.1 | 7.4 | 6.4 | 5.4 | 3.4 |
| 42 | 12.8 | 10.9 | 9.5 | 7.9 | 6.5 | 5.8 | 5.0 | 3.1 |
| 44 | 12.2 | 10.4 | 8.9 | 7.4 | 6.1 | 5.4 | 4.6 | 2.9 |
| 50 | | 8.8 | 7.5 | 6.2 | 4.8 | 4.1 | 3.5 | 2.2 |
| 60 | | | 5.6 | 4.5 | 3.2 | 2.6 | 2.0 | |
| 65 | | | 5.0 | 3.8 | 2.5 | | | |
| 70 | | | | 3.0 | | | | |
| 75 | | | | 2.6 | | | | |

Capacities in metric tons with luffing jib (No. 2316.xx), 124 t counterweight + 57 t carbody counterweight. Above lift chart is for reference only. For actual lift duty and complete chart with all available configurations please refer to lift chart in operator's cab or manual.

Lift chart - luffing jib (No. 2316.xx)

Main boom angle 75°

Main boom 44 m

| Radius | Jib length in (m) | | | | | | | |
|--------|-------------------|------|------|------|-----|-----|-----|-----|
| | 41 | 53 | 65 | 77 | 89 | 95 | 101 | 113 |
| (m) | t | t | t | t | t | t | t | t |
| 31.9 | 26.3 | | | | | | | |
| 36 | 22.6 | | | | | | | |
| 38 | 21.0 | 20.0 | | | | | | |
| 40 | 19.7 | 18.7 | | | | | | |
| 44 | 17.3 | 16.4 | 15.3 | | | | | |
| 46 | 16.3 | 15.4 | 14.4 | | | | | |
| 48 | 15.4 | 14.5 | 13.5 | 12.4 | | | | |
| 50 | 14.5 | 13.6 | 12.6 | 11.6 | | | | |
| 55 | | 11.8 | 10.9 | 9.9 | 8.9 | 8.4 | | |
| 60 | | 10.3 | 9.4 | 8.4 | 7.5 | 7.0 | 6.5 | |
| 65 | | 9.0 | 8.2 | 7.2 | 6.3 | 5.8 | 5.3 | 4.3 |
| 70 | | | 7.1 | 6.2 | 5.2 | 4.8 | 4.3 | 3.3 |
| 75 | | | 6.1 | 5.3 | 4.3 | 3.9 | 3.4 | 2.4 |
| 80 | | | | 4.5 | 3.6 | 3.1 | 2.6 | |
| 85 | | | | 3.8 | 2.9 | 2.4 | | |
| 90 | | | | | 2.3 | | | |

Main boom 50 m

| Radius | Jib length in (m) | | | | | | | |
|--------|-------------------|------|------|------|-----|-----|-----|-----|
| | 41 | 53 | 65 | 77 | 89 | 95 | 101 | 113 |
| (m) | t | t | t | t | t | t | t | t |
| 33.5 | 23.7 | | | | | | | |
| 36 | 21.6 | | | | | | | |
| 38 | 20.1 | | | | | | | |
| 40 | 18.8 | 17.7 | | | | | | |
| 42 | 17.6 | 16.6 | | | | | | |
| 44 | 16.5 | 15.5 | 14.5 | | | | | |
| 46 | 15.6 | 14.6 | 13.5 | | | | | |
| 48 | 14.7 | 13.7 | 12.7 | | | | | |
| 50 | 13.8 | 12.9 | 11.9 | 10.8 | | | | |
| 55 | 12.0 | 11.2 | 10.2 | 9.2 | 8.1 | | | |
| 60 | | 9.7 | 8.8 | 7.8 | 6.8 | 6.3 | 5.7 | |
| 65 | | 8.5 | 7.6 | 6.6 | 5.6 | 5.2 | 4.6 | 3.6 |
| 70 | | | 6.6 | 5.6 | 4.7 | 4.2 | 3.7 | 2.7 |
| 75 | | | 5.7 | 4.8 | 3.8 | 3.3 | 2.8 | |
| 80 | | | | 4.0 | 3.1 | 2.6 | 2.1 | |
| 85 | | | | 3.3 | 2.4 | | | |

Main boom 62 m

| Radius | Jib length in (m) | | | | | | |
|--------|-------------------|------|------|-----|-----|-----|-----|
| | 41 | 53 | 65 | 77 | 89 | 95 | 101 |
| (m) | t | t | t | t | t | t | t |
| 36.6 | 19.0 | | | | | | |
| 38 | 18.0 | | | | | | |
| 40 | 16.8 | | | | | | |
| 42 | 15.7 | 14.6 | | | | | |
| 44 | 14.8 | 13.7 | | | | | |
| 46 | 13.9 | 12.8 | | | | | |
| 48 | 13.1 | 12.0 | 10.9 | | | | |
| 50 | 12.3 | 11.3 | 10.2 | | | | |
| 55 | 10.7 | 9.7 | 8.7 | 7.6 | | | |
| 60 | | 8.4 | 7.4 | 6.3 | 5.3 | 4.8 | |
| 65 | | 7.3 | 6.3 | 5.3 | 4.3 | 3.8 | 3.2 |
| 70 | | 6.3 | 5.4 | 4.4 | 3.4 | 2.9 | 2.4 |
| 75 | | | 4.6 | 3.6 | 2.6 | 2.2 | |
| 80 | | | 3.9 | 2.9 | | | |
| 85 | | | | 2.3 | | | |

Main boom 74 m

| Radius | Jib length in (m) | | | | | |
|--------|-------------------|------|-----|-----|-----|-----|
| | 41 | 53 | 65 | 77 | 89 | 95 |
| (m) | t | t | t | t | t | t |
| 39.7 | 14.7 | | | | | |
| 40 | 14.6 | | | | | |
| 42 | 13.6 | | | | | |
| 44 | 12.7 | | | | | |
| 46 | 11.9 | 10.8 | | | | |
| 48 | 11.2 | 10.1 | | | | |
| 50 | 10.5 | 9.4 | 8.3 | | | |
| 55 | 9.1 | 8.0 | 6.9 | 5.8 | | |
| 60 | 7.8 | 6.9 | 5.8 | 4.7 | 3.6 | |
| 65 | | 5.9 | 4.9 | 3.8 | 2.7 | 2.2 |
| 70 | | 5.0 | 4.1 | 3.0 | | |
| 75 | | | 3.4 | 2.3 | | |
| 80 | | | 2.7 | | | |

Main boom 80 m

| Radius | Jib length in (m) | | | |
|--------|-------------------|-----|-----|-----|
| | 41 | 53 | 65 | 77 |
| (m) | t | t | t | t |
| 41.2 | 12.8 | | | |
| 42 | 12.4 | | | |
| 44 | 11.6 | | | |
| 46 | 10.9 | | | |
| 48 | 10.2 | 9.0 | | |
| 50 | 9.6 | 8.4 | | |
| 55 | 8.2 | 7.2 | 6.0 | |
| 60 | 7.1 | 6.1 | 5.0 | 3.9 |
| 65 | | 5.2 | 4.1 | 3.0 |
| 70 | | 4.4 | 3.3 | 2.3 |
| 75 | | | 2.7 | |
| 80 | | | 2.1 | |

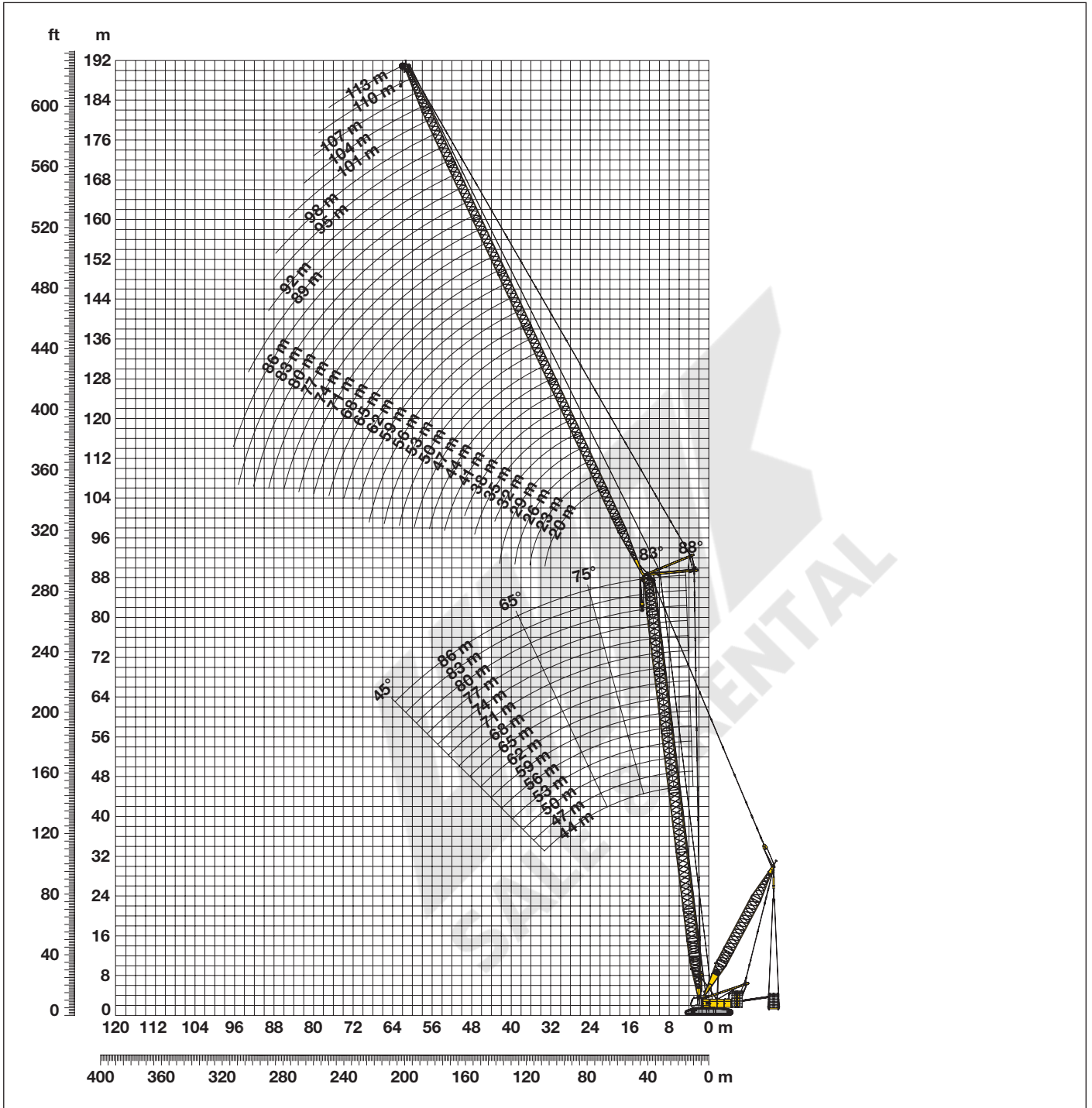
Main boom 86 m

| Radius | Jib length in (m) | | | |
|--------|-------------------|-----|-----|-----|
| | 41 | 53 | 65 | 77 |
| (m) | t | t | t | t |
| 42.8 | 10.9 | | | |
| 44 | 10.4 | | | |
| 46 | 9.7 | | | |
| 48 | 9.1 | 7.9 | | |
| 50 | 8.5 | 7.4 | | |
| 55 | 7.3 | 6.2 | 5.0 | |
| 60 | 6.2 | 5.2 | 4.1 | 2.9 |
| 65 | | 4.3 | 3.3 | 2.1 |
| 70 | | 3.6 | 2.6 | |
| 75 | | 2.9 | | |

Capacities in metric tons with luffing jib (No. 2316.xx), 124 t counterweight + 57 t carbody counterweight. Above lift chart is for reference only. For actual lift duty and complete chart with all available configurations please refer to lift chart in operator's cab or manual.

Working range - luffing jib (No.2316.xx) 78° - 15°

**124 t counterweight and 57 t carbody counterweight
120 t suspended counterweight at 13 m radius**



Boom configuration for main boom lengths (44 m - 86 m) – see table 1 on page 4

Jib configuration for jib lengths (20 m - 113 m)

| | | Amount of luffing jib extensions | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------|------|----------------------------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----|-----|-----|-----|-----|
| Length | | 20 | 23 | 26 | 29 | 32 | 35 | 38 | 41 | 44 | 47 | 50 | 53 | 56 | 59 | 62 | 65 | 68 | 71 | 74 | 77 | 80 | 83 | 86 | 89 | 92 | 95 | 98 | 101 | 104 | 107 | 110 | 113 |
| Luffing jib foot | 10 m | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| Luffing jib section | 3 m | | | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| Luffing jib section | 6 m | | | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| Luffing jib section | 12 m | | | | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 |
| Luffing jib head | 10 m | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| Luffing jib length (m) | | 20 | 23 | 26 | 29 | 32 | 35 | 38 | 41 | 44 | 47 | 50 | 53 | 56 | 59 | 62 | 65 | 68 | 71 | 74 | 77 | 80 | 83 | 86 | 89 | 92 | 95 | 98 | 101 | 104 | 107 | 110 | 113 |

Lift chart - luffing jib (No. 2316.xx)

Main boom angle 75°

max. 120 t suspended counterweight at 13 m radius

Main boom 44 m

| Radius (m) | Jib length in (m) | | | | | | | |
|---------------|-------------------|------|------|------|------|------|-----|-----|
| | 41 | 53 | 65 | 77 | 89 | 95 | 101 | 113 |
| 32 | 52.2 | t | t | t | t | t | t | t |
| 38 | 45.3 | 38.5 | | | | | | |
| 44 | 36.5 | 34.6 | 26.9 | | | | | |
| 48 | 30.8 | 30.4 | 26.2 | 18.8 | | | | |
| 50 | 28.9 | 28.5 | 25.7 | 18.8 | | | | |
| 55 | | 25.1 | 22.6 | 18.1 | 13.3 | 10.9 | | |
| 60 | | 21.6 | 20.2 | 17.2 | 12.8 | 10.7 | 9.1 | |
| 65 | | 17.7 | 18.0 | 16.1 | 12.3 | 10.3 | 8.9 | 6.0 |
| 70 | | | 15.9 | 14.6 | 11.8 | 10.0 | 8.6 | 5.8 |
| 75 | | | 13.6 | 13.0 | 11.2 | 9.5 | 8.3 | 5.6 |
| 80 | | | | 11.4 | 10.3 | 9.0 | 8.0 | 5.3 |
| 85 | | | | 9.8 | 9.3 | 8.4 | 7.5 | 5.0 |
| 90 | | | | | 8.2 | 7.7 | 7.0 | 4.4 |
| 95 | | | | | 7.0 | 6.8 | 6.3 | 3.3 |
| 105 | | | | | | 4.3 | 4.6 | |
| 110 | | | | | | | 3.3 | |

Main boom 50 m

| Radius (m) | Jib length in (m) | | | | | | | |
|---------------|-------------------|------|------|------|------|------|-----|-----|
| | 41 | 53 | 65 | 77 | 89 | 95 | 101 | 113 |
| 33.5 | 50.4 | t | t | t | t | t | t | t |
| 40 | 44.0 | 37.0 | | | | | | |
| 44 | 38.2 | 35.3 | 26.1 | | | | | |
| 50 | 29.7 | 29.7 | 25.3 | 18.2 | | | | |
| 55 | 24.4 | 26.0 | 23.1 | 17.8 | 12.9 | | | |
| 60 | | 22.2 | 20.6 | 17.1 | 12.6 | 10.5 | 8.9 | |
| 65 | | 19.0 | 18.6 | 16.1 | 12.2 | 10.2 | 8.7 | 5.8 |
| 70 | | | 16.3 | 14.9 | 11.7 | 9.8 | 8.4 | 5.7 |
| 75 | | | 14.4 | 13.4 | 11.2 | 9.4 | 8.2 | 5.5 |
| 80 | | | | 11.8 | 10.3 | 9.0 | 7.9 | 5.2 |
| 85 | | | | 10.4 | 9.5 | 8.4 | 7.5 | 4.9 |
| 90 | | | | | 8.5 | 7.8 | 7.0 | 4.6 |
| 95 | | | | | 7.4 | 7.1 | 6.5 | 3.5 |
| 100 | | | | | 6.0 | 6.1 | 5.9 | 2.3 |
| 105 | | | | | | 4.9 | 5.0 | |
| 110 | | | | | | | 3.8 | |

Main boom 62 m

| Radius (m) | Jib length in (m) | | | | | | | |
|---------------|-------------------|------|------|------|------|-----|-----|-----|
| | 41 | 53 | 65 | 77 | 89 | 95 | 101 | 113 |
| 36.6 | 45.3 | t | t | t | t | t | t | t |
| 42 | 42.3 | 33.5 | | | | | | |
| 48 | 34.0 | 32.4 | 23.7 | | | | | |
| 55 | 25.8 | 27.0 | 22.6 | 16.7 | | | | |
| 60 | | 23.0 | 20.7 | 16.3 | 11.9 | 9.9 | | |
| 65 | | 19.4 | 18.7 | 15.7 | 11.6 | 9.7 | 8.3 | |
| 70 | | 16.2 | 16.5 | 15.1 | 11.2 | 9.4 | 8.1 | 5.3 |
| 75 | | | 14.4 | 13.8 | 10.7 | 9.1 | 7.8 | 5.2 |
| 80 | | | 12.3 | 12.4 | 10.2 | 8.7 | 7.6 | 5.0 |
| 85 | | | | 11.0 | 9.6 | 8.3 | 7.3 | 4.7 |
| 90 | | | | 9.4 | 8.8 | 7.8 | 6.9 | 4.4 |
| 95 | | | | | 8.0 | 7.3 | 6.5 | 3.9 |
| 100 | | | | | 6.8 | 6.6 | 6.0 | 2.9 |
| 105 | | | | | | 5.5 | 5.3 | |
| 110 | | | | | | 4.1 | 4.4 | |
| 115 | | | | | | | 3.2 | |

Main boom 74 m

| Radius (m) | Jib length in (m) | | | | | | | |
|---------------|-------------------|------|------|------|------|-----|-----|-----|
| | 41 | 53 | 65 | 77 | 89 | 95 | 101 | 113 |
| 39.7 | 36.3 | t | t | t | t | t | t | t |
| 46 | 33.1 | 28.3 | | | | | | |
| 50 | 30.1 | 27.1 | 21.0 | | | | | |
| 55 | 25.2 | 24.9 | 20.5 | 15.1 | | | | |
| 60 | 21.7 | 22.2 | 19.7 | 14.9 | 10.8 | | | |
| 65 | | 18.7 | 18.7 | 14.4 | 10.6 | 9.0 | 7.6 | |
| 70 | | 16.4 | 16.3 | 13.9 | 10.3 | 8.8 | 7.5 | |
| 75 | | | 13.6 | 13.2 | 9.9 | 8.5 | 7.3 | 4.8 |
| 80 | | | 12.0 | 11.7 | 9.5 | 8.1 | 7.0 | 4.6 |
| 85 | | | | 10.0 | 8.9 | 7.8 | 6.7 | 4.3 |
| 90 | | | | 8.9 | 8.0 | 7.2 | 6.4 | 4.0 |
| 95 | | | | 7.5 | 7.0 | 6.5 | 5.8 | 3.7 |
| 100 | | | | | 6.2 | 5.8 | 5.2 | 3.1 |
| 105 | | | | | 5.1 | 5.0 | 4.5 | 2.2 |
| 110 | | | | | | 4.1 | 3.8 | |
| 115 | | | | | | | 3.1 | |

Main boom 80 m

| Radius (m) | Jib length in (m) | | | | | | | |
|---------------|-------------------|------|------|------|------|-----|-----|-----|
| | 41 | 53 | 65 | 77 | 89 | 95 | 101 | 113 |
| 42 | 31.1 | t | t | t | t | t | t | t |
| 48 | 28.3 | 24.6 | | | | | | |
| 50 | 27.3 | 24.0 | | | | | | |
| 55 | 24.0 | 22.4 | 18.6 | | | | | |
| 60 | 20.8 | 20.7 | 17.5 | 14.0 | | | | |
| 65 | | 18.0 | 16.5 | 13.6 | 10.0 | 8.4 | | |
| 70 | | 15.7 | 15.0 | 13.0 | 9.7 | 8.3 | 7.0 | |
| 75 | | | 13.0 | 12.4 | 9.4 | 8.0 | 6.9 | 4.4 |
| 80 | | | 11.4 | 11.1 | 9.0 | 7.7 | 6.6 | 4.2 |
| 85 | | | 9.9 | 9.5 | 8.4 | 7.4 | 6.3 | 4.0 |
| 90 | | | | 8.3 | 7.5 | 6.8 | 6.1 | 3.7 |
| 95 | | | | 7.2 | 6.5 | 6.0 | 5.5 | 3.5 |
| 100 | | | | | 5.6 | 5.2 | 4.8 | 3.1 |
| 105 | | | | | 4.8 | 4.4 | 4.0 | 2.3 |
| 110 | | | | | | 3.7 | 3.3 | |
| 115 | | | | | | 2.7 | 2.7 | |

Main boom 86 m

| Radius (m) | Jib length in (m) | | | | | | | |
|---------------|-------------------|------|------|------|-----|-----|-----|-----|
| | 41 | 53 | 65 | 77 | 89 | 95 | 101 | 113 |
| 42.8 | 26.6 | t | t | t | t | t | t | t |
| 48 | 24.9 | 20.7 | | | | | | |
| 50 | 24.1 | 20.4 | | | | | | |
| 55 | 22.0 | 18.9 | 16.2 | | | | | |
| 60 | 19.8 | 17.4 | 15.2 | 12.4 | | | | |
| 65 | | 15.8 | 14.2 | 11.9 | 9.1 | | | |
| 70 | | 14.1 | 13.2 | 11.3 | 8.9 | 7.6 | 6.4 | |
| 75 | | 12.5 | 11.9 | 10.6 | 8.5 | 7.4 | 6.3 | 3.9 |
| 80 | | | 10.6 | 9.7 | 7.9 | 6.9 | 6.0 | 3.8 |
| 85 | | | 9.5 | 8.6 | 7.3 | 6.5 | 5.6 | 3.6 |
| 90 | | | | 7.6 | 6.6 | 5.9 | 5.1 | 3.3 |
| 95 | | | | 6.7 | 5.7 | 5.2 | 4.6 | 3.0 |
| 100 | | | | | 4.9 | 4.5 | 4.0 | 2.7 |
| 105 | | | | | 4.3 | 3.8 | 3.4 | 2.1 |
| 110 | | | | | 3.4 | 3.2 | 2.7 | |
| 115 | | | | | | 2.5 | 2.2 | |

Suspended counterweight: 120 t, 90 t, 75 t, 50 t, 0 t

Capacities in metric tons with luffing jib (No. 2316.xx), 124 t counterweight + 57 t carbody counterweight. Above lift chart is for reference only. For actual lift duty and complete chart with all available configurations please refer to lift chart in operator's cab or manual.

Lift chart – luffing jib (No. 2316.xx)

Main boom angle 65°

max. 120 t suspended counterweight at 13 m radius

Main boom 44 m

| Radius | Jib length in (m) | | | | | | | |
|--------|-------------------|------|------|------|------|-----|-----|-----|
| | 41 | 53 | 65 | 77 | 89 | 95 | 101 | 113 |
| (m) | t | t | t | t | t | t | t | t |
| 46 | 43.9 | | | | | | | |
| 48 | 42.2 | | | | | | | |
| 50 | 39.2 | | | | | | | |
| 55 | 33.1 | 31.0 | | | | | | |
| 60 | 28.2 | 26.8 | 23.1 | | | | | |
| 65 | | 23.5 | 21.3 | | | | | |
| 70 | | 20.9 | 19.2 | 16.4 | | | | |
| 75 | | | 17.2 | 15.3 | 11.3 | | | |
| 80 | | | 15.5 | 14.0 | 11.1 | 9.2 | 7.7 | |
| 85 | | | | 12.4 | 10.7 | 9.0 | 7.7 | |
| 90 | | | | 11.3 | 9.9 | 8.7 | 7.5 | 4.7 |
| 95 | | | | 9.9 | 9.0 | 8.2 | 7.3 | 4.5 |
| 100 | | | | | 8.3 | 7.6 | 6.8 | 4.3 |
| 105 | | | | | 7.3 | 6.9 | 6.3 | 3.2 |
| 110 | | | | | | 6.2 | 5.7 | |
| 115 | | | | | | | 4.9 | |

Main boom 50 m

| Radius | Jib length in (m) | | | | | | | |
|--------|-------------------|------|------|------|------|-----|-----|-----|
| | 41 | 53 | 65 | 77 | 89 | 95 | 101 | 113 |
| (m) | t | t | t | t | t | t | t | t |
| 48 | 43.4 | | | | | | | |
| 50 | 42.6 | | | | | | | |
| 55 | 35.9 | 31.6 | | | | | | |
| 60 | 30.6 | 28.8 | | | | | | |
| 65 | | 25.3 | 22.4 | | | | | |
| 70 | | 22.1 | 20.0 | 15.9 | | | | |
| 75 | | 19.3 | 18.2 | 15.6 | | | | |
| 80 | | | 16.3 | 14.6 | 10.9 | 8.9 | | |
| 85 | | | 14.6 | 13.2 | 10.7 | 8.8 | 7.4 | |
| 90 | | | | 11.8 | 10.2 | 8.7 | 7.4 | 4.5 |
| 95 | | | | 10.7 | 9.5 | 8.3 | 7.3 | 4.4 |
| 100 | | | | | 8.6 | 7.8 | 6.9 | 4.2 |
| 105 | | | | | 7.9 | 7.3 | 6.5 | 3.7 |
| 110 | | | | | | 6.6 | 6.0 | 2.4 |
| 115 | | | | | | 5.7 | 5.4 | |
| 120 | | | | | | | 4.5 | |

Main boom 62 m

| Radius | Jib length in (m) | | | | | | | |
|--------|-------------------|------|------|------|------|-----|-----|-----|
| | 41 | 53 | 65 | 77 | 89 | 95 | 101 | 113 |
| (m) | t | t | t | t | t | t | t | t |
| 55 | 36.0 | | | | | | | |
| 60 | 32.5 | 30.5 | | | | | | |
| 65 | 29.5 | 28.5 | | | | | | |
| 70 | | 24.8 | 21.2 | | | | | |
| 75 | | 21.7 | 19.4 | 14.8 | | | | |
| 80 | | 19.0 | 17.6 | 14.7 | | | | |
| 85 | | | 15.7 | 14.3 | 10.1 | 8.3 | | |
| 90 | | | 14.1 | 13.0 | 10.0 | 8.3 | 6.9 | |
| 95 | | | | 11.7 | 9.7 | 8.2 | 6.9 | 4.0 |
| 100 | | | | 10.7 | 9.2 | 8.0 | 6.8 | 4.0 |
| 105 | | | | | 8.6 | 7.6 | 6.6 | 3.9 |
| 110 | | | | | 7.9 | 7.2 | 6.3 | 3.5 |
| 115 | | | | | | 6.6 | 5.9 | 2.3 |
| 120 | | | | | | 5.7 | 5.3 | |
| 125 | | | | | | | 4.5 | |

Main boom 74 m

| Radius | Jib length in (m) | | | | | | | |
|--------|-------------------|------|------|------|-----|-----|-----|-----|
| | 41 | 53 | 65 | 77 | 89 | 95 | 101 | 113 |
| (m) | t | t | t | t | t | t | t | t |
| 60 | 30.1 | | | | | | | |
| 65 | 27.4 | 26.2 | | | | | | |
| 70 | 25.0 | 23.9 | | | | | | |
| 75 | | 21.9 | 19.1 | | | | | |
| 80 | | 20.1 | 18.8 | 13.4 | | | | |
| 85 | | 18.4 | 17.2 | 13.4 | | | | |
| 90 | | | 15.5 | 13.2 | 9.2 | 7.6 | | |
| 95 | | | 14.0 | 12.4 | 9.1 | 7.6 | 6.3 | |
| 100 | | | | 11.5 | 9.0 | 7.5 | 6.3 | 3.5 |
| 105 | | | | 10.6 | 8.7 | 7.4 | 6.2 | 3.5 |
| 110 | | | | | 8.3 | 7.3 | 6.1 | 3.4 |
| 115 | | | | | 7.7 | 7.0 | 5.9 | 3.2 |
| 120 | | | | | | 6.4 | 5.7 | 2.1 |
| 125 | | | | | | 5.6 | 5.1 | |
| 130 | | | | | | | 4.4 | |

Main boom 80 m

| Radius | Jib length in (m) | | | | | | | |
|--------|-------------------|------|------|------|-----|-----|-----|-----|
| | 41 | 53 | 65 | 77 | 89 | 95 | 101 | 113 |
| (m) | t | t | t | t | t | t | t | t |
| 60.5 | 28.6 | | | | | | | |
| 65 | 26.2 | | | | | | | |
| 70 | 23.9 | 22.7 | | | | | | |
| 75 | 21.5 | 20.8 | 17.8 | | | | | |
| 80 | | 19.1 | 17.7 | | | | | |
| 85 | | 17.6 | 16.5 | 12.6 | | | | |
| 90 | | | 15.2 | 12.6 | 8.6 | | | |
| 95 | | | 14.0 | 12.2 | 8.6 | 7.1 | 5.9 | |
| 100 | | | | 11.7 | 8.6 | 7.1 | 5.9 | |
| 105 | | | | 10.9 | 8.4 | 7.1 | 5.9 | 3.2 |
| 110 | | | | 9.8 | 8.2 | 7.0 | 5.8 | 3.2 |
| 115 | | | | | 7.8 | 6.8 | 5.7 | 3.1 |
| 120 | | | | | 7.1 | 6.5 | 5.6 | 2.5 |
| 125 | | | | | | 5.9 | 5.2 | |
| 130 | | | | | | | 4.7 | |

Main boom 86 m

| Radius | Jib length in (m) | | | | | | | |
|--------|-------------------|------|------|------|-----|-----|-----|-----|
| | 41 | 53 | 65 | 77 | 89 | 95 | 101 | 113 |
| (m) | t | t | t | t | t | t | t | t |
| 65 | 24.9 | | | | | | | |
| 70 | 22.7 | 19.4 | | | | | | |
| 75 | 20.8 | 19.0 | | | | | | |
| 80 | | 18.0 | 15.0 | | | | | |
| 85 | | 16.5 | 14.7 | 11.3 | | | | |
| 90 | | 15.2 | 14.2 | 11.2 | | | | |
| 95 | | | 13.1 | 11.1 | 7.9 | 6.6 | | |
| 100 | | | 12.0 | 10.8 | 7.9 | 6.6 | 5.4 | |
| 105 | | | | 10.1 | 7.8 | 6.5 | 5.4 | 2.9 |
| 110 | | | | 9.3 | 7.6 | 6.4 | 5.3 | 2.9 |
| 115 | | | | | 7.4 | 6.3 | 5.2 | 2.8 |
| 120 | | | | | 6.8 | 6.1 | 5.1 | 2.7 |
| 125 | | | | | | 5.7 | 5.0 | |
| 130 | | | | | | 5.2 | 4.6 | |
| 135 | | | | | | | 4.0 | |

Suspended counterweight **120 t** **90 t** **75 t** **50 t** **0 t**

Capacities in metric tons with luffing jib (No. 2316.xx), 124 t counterweight + 57 t carbody counterweight. Above lift chart is for reference only. For actual lift duty and complete chart with all available configurations please refer to lift chart in operator's cab or manual.

Lift chart - luffing jib (No. 2316.xx)

Main boom angle 45°

max. 120 t suspended counterweight at 13 m radius

Main boom 44 m

| Radius | Jib length in (m) | | | | | | | |
|--------|-------------------|------|------|------|-----|-----|-----|-----|
| | 41 | 53 | 65 | 77 | 89 | 95 | 101 | 113 |
| (m) | t | t | t | t | t | t | t | t |
| 67.6 | 27.3 | | | | | | | |
| 70 | 26.2 | | | | | | | |
| 80 | | 21.1 | | | | | | |
| 85 | | 19.4 | | | | | | |
| 90 | | | 16.3 | | | | | |
| 95 | | | 14.8 | | | | | |
| 100 | | | | 11.9 | | | | |
| 105 | | | | 10.7 | | | | |
| 110 | | | | | 8.5 | | | |
| 115 | | | | | 7.8 | 7.2 | | |
| 120 | | | | | | 6.6 | 5.8 | |
| 125 | | | | | | 5.9 | 5.2 | |
| 130 | | | | | | | 4.6 | 2.0 |

Main boom 50 m

| Radius | Jib length in (m) | | | | | | |
|--------|-------------------|------|------|------|-----|-----|-----|
| | 41 | 53 | 65 | 77 | 89 | 95 | 101 |
| (m) | t | t | t | t | t | t | t |
| 71.9 | 23.9 | | | | | | |
| 75 | 22.7 | | | | | | |
| 85 | | 18.2 | | | | | |
| 95 | | | 14.6 | | | | |
| 100 | | | 13.5 | | | | |
| 105 | | | | 11.5 | | | |
| 110 | | | | 10.6 | | | |
| 115 | | | | | 8.3 | | |
| 120 | | | | | 7.7 | 7.0 | |
| 125 | | | | | | 6.5 | 5.6 |
| 130 | | | | | | | 5.1 |
| 135 | | | | | | | 4.5 |
| 140 | | | | | | | |

Main boom 62 m

| Radius | Jib length in (m) | | | | | | |
|--------|-------------------|------|------|-----|-----|-----|-----|
| | 41 | 53 | 65 | 77 | 89 | 95 | 101 |
| (m) | t | t | t | t | t | t | t |
| 80.3 | 18.1 | | | | | | |
| 85 | 16.7 | | | | | | |
| 95 | | 13.3 | | | | | |
| 100 | | | 11.2 | | | | |
| 105 | | | 10.3 | | | | |
| 110 | | | | 8.4 | | | |
| 115 | | | | 7.7 | | | |
| 120 | | | | 7.1 | 6.0 | | |
| 125 | | | | | 5.4 | 4.9 | |
| 130 | | | | | 4.9 | 4.4 | 3.8 |
| 135 | | | | | | 3.9 | 3.3 |
| 140 | | | | | | | 2.8 |

Main boom 74 m

| Radius | Jib length in (m) | | | | | | |
|--------|-------------------|-----|-----|-----|-----|--|--|
| | 41 | 53 | 65 | 77 | 89 | | |
| (m) | t | t | t | t | t | | |
| 88.8 | 13.0 | | | | | | |
| 90 | 12.8 | | | | | | |
| 100 | | 9.8 | | | | | |
| 105 | | 9.0 | | | | | |
| 110 | | | 7.1 | | | | |
| 115 | | | 6.5 | | | | |
| 120 | | | | 4.8 | | | |
| 125 | | | | 4.3 | | | |
| 130 | | | | | 2.7 | | |
| 135 | | | | | 2.3 | | |
| 140 | | | | | | | |
| 145 | | | | | | | |

Main boom 80 m

| Radius | Jib length in (m) | | | | |
|--------|-------------------|-----|-----|-----|--|
| | 41 | 53 | 65 | 77 | |
| (m) | t | t | t | t | |
| 93.1 | 10.8 | | | | |
| 95 | 10.4 | | | | |
| 105 | | 7.7 | | | |
| 110 | | 7.1 | | | |
| 115 | | | 5.3 | | |
| 120 | | | 4.8 | | |
| 125 | | | | 3.2 | |
| 130 | | | | 2.8 | |
| 135 | | | | | |
| 140 | | | | | |
| 145 | | | | | |

Main boom 86 m

| Radius | Jib length in (m) | | | |
|--------|-------------------|-----|-----|--|
| | 41 | 53 | 65 | |
| (m) | t | t | t | |
| 97.3 | 8.6 | | | |
| 100 | 8.2 | | | |
| 110 | | 5.8 | | |
| 120 | | | 3.6 | |
| 125 | | | 3.1 | |
| 130 | | | | |
| 135 | | | | |

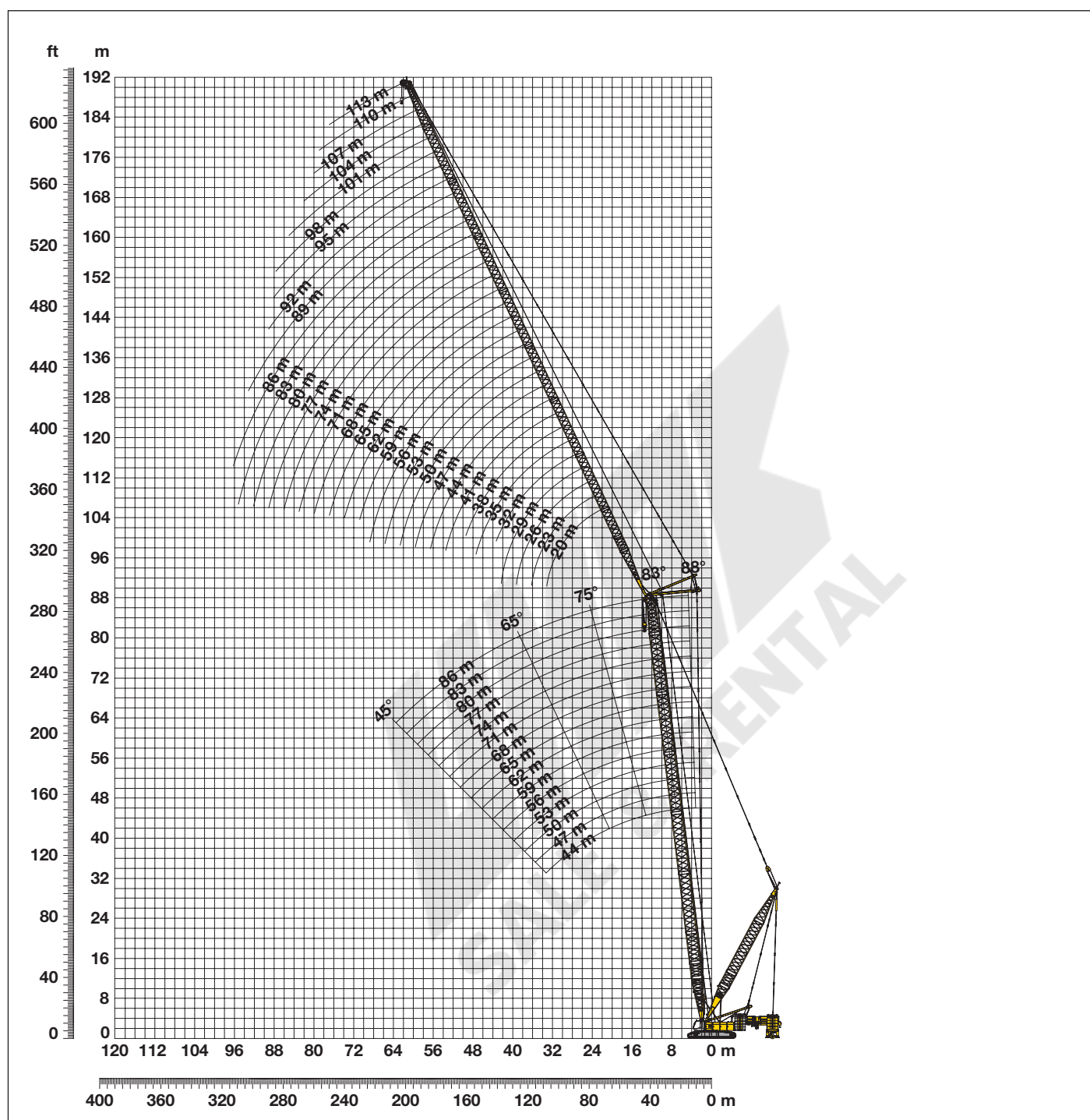
Suspended counterweight 120 t 90 t 75 t 50 t 0 t

Capacities in metric tons with luffing jib (No. 2316.xx), 124 t counterweight + 57 t carbody counterweight. Above lift chart is for reference only. For actual lift duty and complete chart with all available configurations please refer to lift chart in operator's cab or manual.

Working range - luffing jib (No.2316.xx) 78° - 15°

124 t counterweight and 57 t carbody counterweight

120 t wheeled counterweight carriage from 12.2 m - 15.8 m radius



Boom configuration for main boom lengths (44 m - 86 m) – see table 1 on page 4

Jib configuration for jib lengths (20 m - 113 m)

| | Length | Amount of luffing jib extensions | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------|--------|----------------------------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----|-----|-----|-----|-----|---|---|
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Luffing jib foot | 10 m | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | |
| Luffing jib section | 3 m | | 1 | | 1 | | 1 | | 1 | | 1 | | 1 | | 1 | | 1 | | 1 | | 1 | | 1 | | 1 | | 1 | | 1 | | 1 | | 1 | | 1 |
| Luffing jib section | 6 m | | | 1 | 1 | | 1 | | 1 | | 1 | | 1 | | 1 | | 1 | | 1 | | 1 | | 1 | | 1 | | 1 | | 1 | | 1 | | 1 | | 1 |
| Luffing jib section | 12 m | | | | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | | | |
| Luffing jib head | 10 m | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| Luffing jib length (m) | | 20 | 23 | 26 | 29 | 32 | 35 | 38 | 41 | 44 | 47 | 50 | 53 | 56 | 59 | 62 | 65 | 68 | 71 | 74 | 77 | 80 | 83 | 86 | 89 | 92 | 95 | 98 | 101 | 104 | 107 | 110 | 113 | | |

Lift chart - luffing jib (No. 2316.xx)

Main boom angle 75°

120 t wheeled counterweight carriage at 15.8 m radius

Main boom 44 m

| Radius (m) | Jib length in (m) | | | | | | | |
|---------------|-------------------|------|------|------|------|------|-----|-----|
| | 41 | 53 | 65 | 77 | 89 | 95 | 101 | 113 |
| 32 | 52.2 | t | t | t | t | t | t | t |
| 38 | 45.3 | 38.5 | t | t | t | t | t | t |
| 44 | 36.5 | 34.6 | 26.9 | t | t | t | t | t |
| 48 | 30.8 | 30.4 | 26.2 | 18.8 | t | t | t | t |
| 50 | 28.9 | 28.5 | 25.7 | 18.8 | t | t | t | t |
| 55 | t | 25.1 | 22.6 | 18.1 | 13.3 | 10.9 | t | t |
| 60 | t | 21.6 | 20.2 | 17.2 | 12.8 | 10.7 | 9.1 | t |
| 65 | t | 17.7 | 18.0 | 16.1 | 12.3 | 10.3 | 8.9 | 6.0 |
| 70 | t | t | 15.9 | 14.6 | 11.8 | 10.0 | 8.6 | 5.8 |
| 75 | t | t | 13.6 | 13.0 | 11.2 | 9.5 | 8.3 | 5.6 |
| 80 | t | t | t | 11.4 | 10.3 | 9.0 | 8.0 | 5.3 |
| 85 | t | t | t | 9.8 | 9.3 | 8.4 | 7.5 | 5.0 |
| 90 | t | t | t | t | 8.2 | 7.7 | 7.0 | 4.4 |
| 95 | t | t | t | t | 7.0 | 6.8 | 6.3 | 3.3 |
| 105 | t | t | t | t | t | 4.3 | 4.6 | t |
| 110 | t | t | t | t | t | t | 3.3 | t |

Main boom 50 m

| Radius (m) | Jib length in (m) | | | | | | | |
|---------------|-------------------|------|------|------|------|------|------|-----|
| | 41 | 53 | 65 | 77 | 89 | 95 | 101 | 113 |
| 33.5 | 50.4 | t | t | t | t | t | t | t |
| 40 | 44.0 | 37.0 | t | t | t | t | t | t |
| 44 | 38.2 | 35.3 | 26.1 | t | t | t | t | t |
| 50 | 29.7 | 29.7 | 25.3 | 18.2 | t | t | t | t |
| 55 | 24.4 | 26.0 | 23.1 | 17.8 | 12.9 | t | t | t |
| 60 | t | 22.2 | 20.6 | 17.1 | 12.6 | 10.5 | 8.9 | t |
| 65 | t | t | 19.0 | 18.6 | 16.1 | 12.2 | 10.2 | 8.7 |
| 70 | t | t | t | 16.3 | 14.9 | 11.7 | 9.8 | 8.4 |
| 75 | t | t | t | 14.4 | 13.4 | 11.2 | 9.4 | 8.2 |
| 80 | t | t | t | t | 11.8 | 10.3 | 9.0 | 7.9 |
| 85 | t | t | t | t | 10.4 | 9.5 | 8.4 | 7.5 |
| 90 | t | t | t | t | t | 8.5 | 7.8 | 7.0 |
| 95 | t | t | t | t | t | 7.4 | 7.1 | 6.5 |
| 100 | t | t | t | t | t | 6.0 | 6.1 | 5.9 |
| 105 | t | t | t | t | t | t | 4.9 | 5.0 |
| 110 | t | t | t | t | t | t | t | 3.8 |

Main boom 62 m

| Radius (m) | Jib length in (m) | | | | | | | |
|---------------|-------------------|------|------|------|------|-----|-----|-----|
| | 41 | 53 | 65 | 77 | 89 | 95 | 101 | 113 |
| 36.6 | 45.3 | t | t | t | t | t | t | t |
| 42 | 42.3 | 33.5 | t | t | t | t | t | t |
| 48 | 34.0 | 32.4 | 23.7 | t | t | t | t | t |
| 55 | 25.8 | 27.0 | 22.6 | 16.7 | t | t | t | t |
| 60 | t | 23.0 | 20.7 | 16.3 | 11.9 | 9.9 | t | t |
| 65 | t | 19.4 | 18.7 | 15.7 | 11.6 | 9.7 | 8.3 | t |
| 70 | t | 16.2 | 16.5 | 15.1 | 11.2 | 9.4 | 8.1 | 5.3 |
| 75 | t | t | 14.4 | 13.8 | 10.7 | 9.1 | 7.8 | 5.2 |
| 80 | t | t | 12.3 | 12.4 | 10.2 | 8.7 | 7.6 | 5.0 |
| 85 | t | t | t | 11.0 | 9.6 | 8.3 | 7.3 | 4.7 |
| 90 | t | t | t | 9.4 | 8.8 | 7.8 | 6.9 | 4.4 |
| 95 | t | t | t | t | 8.0 | 7.3 | 6.5 | 3.9 |
| 100 | t | t | t | t | 6.8 | 6.6 | 6.0 | 2.9 |
| 105 | t | t | t | t | t | 5.5 | 5.3 | t |
| 110 | t | t | t | t | t | 4.1 | 4.4 | t |
| 115 | t | t | t | t | t | t | 3.2 | t |

Main boom 74 m

| Radius (m) | Jib length in (m) | | | | | | | |
|---------------|-------------------|------|------|------|------|-----|-----|-----|
| | 41 | 53 | 65 | 77 | 89 | 95 | 101 | 113 |
| 39.7 | 36.3 | t | t | t | t | t | t | t |
| 46 | 33.1 | 28.3 | t | t | t | t | t | t |
| 50 | 30.1 | 27.1 | 21.0 | t | t | t | t | t |
| 55 | 25.2 | 24.9 | 20.5 | 15.1 | t | t | t | t |
| 60 | 21.7 | 22.2 | 19.7 | 14.9 | 10.8 | t | t | t |
| 65 | t | 18.7 | 18.7 | 14.4 | 10.6 | 9.0 | 7.6 | t |
| 70 | t | 16.4 | 16.3 | 13.9 | 10.3 | 8.8 | 7.5 | t |
| 75 | t | t | 13.6 | 13.2 | 9.9 | 8.5 | 7.3 | 4.8 |
| 80 | t | t | 12.0 | 11.7 | 9.5 | 8.1 | 7.0 | 4.6 |
| 85 | t | t | t | 10.0 | 8.9 | 7.8 | 6.7 | 4.3 |
| 90 | t | t | t | 8.9 | 8.0 | 7.2 | 6.4 | 4.0 |
| 95 | t | t | t | 7.5 | 7.0 | 6.5 | 5.8 | 3.7 |
| 100 | t | t | t | t | 6.2 | 5.8 | 5.2 | 3.1 |
| 105 | t | t | t | t | 5.1 | 5.0 | 4.5 | 2.2 |
| 110 | t | t | t | t | t | 4.1 | 3.8 | t |
| 115 | t | t | t | t | t | t | 3.1 | t |

Main boom 80 m

| Radius (m) | Jib length in (m) | | | | | | | |
|---------------|-------------------|------|------|------|------|-----|-----|-----|
| | 41 | 53 | 65 | 77 | 89 | 95 | 101 | 113 |
| 41.2 | 30.0 | t | t | t | t | t | t | t |
| 48 | 28.3 | 24.6 | t | t | t | t | t | t |
| 50 | 27.3 | 24.0 | t | t | t | t | t | t |
| 55 | 24.0 | 22.4 | 18.6 | t | t | t | t | t |
| 60 | 20.8 | 20.7 | 17.5 | 14.0 | t | t | t | t |
| 65 | t | 18.0 | 16.5 | 13.6 | 10.0 | 8.4 | t | t |
| 70 | t | 15.7 | 15.0 | 13.0 | 9.7 | 8.3 | 7.0 | t |
| 75 | t | t | 13.0 | 12.4 | 9.4 | 8.0 | 6.9 | 4.4 |
| 80 | t | t | 11.4 | 11.1 | 9.0 | 7.7 | 6.6 | 4.2 |
| 85 | t | t | 9.9 | 9.5 | 8.4 | 7.4 | 6.3 | 4.0 |
| 90 | t | t | t | 8.3 | 7.5 | 6.8 | 6.1 | 3.7 |
| 95 | t | t | t | 7.2 | 6.5 | 6.0 | 5.5 | 3.5 |
| 100 | t | t | t | t | 5.6 | 5.2 | 4.8 | 3.1 |
| 105 | t | t | t | t | 4.8 | 4.4 | 4.0 | 2.3 |
| 110 | t | t | t | t | t | 3.7 | 3.3 | t |
| 115 | t | t | t | t | t | 2.7 | 2.7 | t |

Main boom 86 m

| Radius (m) | Jib length in (m) | | | | | | | |
|---------------|-------------------|------|------|------|-----|-----|-----|-----|
| | 41 | 53 | 65 | 77 | 89 | 95 | 101 | 113 |
| 42.8 | 26.6 | t | t | t | t | t | t | t |
| 48 | 24.9 | 20.7 | t | t | t | t | t | t |
| 50 | 24.1 | 20.4 | t | t | t | t | t | t |
| 55 | 22.0 | 18.9 | 16.2 | t | t | t | t | t |
| 60 | 19.8 | 17.4 | 15.2 | 12.4 | t | t | t | t |
| 65 | t | 15.8 | 14.2 | 11.9 | 9.1 | t | t | t |
| 70 | t | 14.1 | 13.2 | 11.3 | 8.9 | 7.6 | 6.4 | t |
| 75 | t | 12.5 | 11.9 | 10.6 | 8.5 | 7.4 | 6.3 | 3.9 |
| 80 | t | t | 10.6 | 9.7 | 7.9 | 6.9 | 6.0 | 3.8 |
| 85 | t | t | 9.5 | 8.6 | 7.3 | 6.5 | 5.6 | 3.6 |
| 90 | t | t | t | 7.6 | 6.6 | 5.9 | 5.1 | 3.3 |
| 95 | t | t | t | 6.7 | 5.7 | 5.2 | 4.6 | 3.0 |
| 100 | t | t | t | t | 4.9 | 4.5 | 4.0 | 2.7 |
| 105 | t | t | t | t | 4.3 | 3.8 | 3.4 | 2.1 |
| 110 | t | t | t | t | t | 3.4 | 3.2 | 2.7 |
| 115 | t | t | t | t | t | t | 2.5 | 2.2 |

Capacities in metric tons with luffing jib (No. 2316.xx), 124 t counterweight + 57 t carbody counterweight. Above lift chart is for reference only. For actual lift duty and complete chart with all available configurations please refer to lift chart in operator's cab or manual.

Lift chart – luffing jib (No. 2316.xx)

Main boom angle 65°

120 t wheeled counterweight carriage at 15.8 m radius

Main boom 44 m

| Radius | Jib length in (m) | | | | | | | |
|--------|-------------------|------|------|------|------|-----|-----|-----|
| | 41 | 53 | 65 | 77 | 89 | 95 | 101 | 113 |
| (m) | t | t | t | t | t | t | t | t |
| 46 | 43.9 | | | | | | | |
| 48 | 42.2 | | | | | | | |
| 50 | 39.2 | | | | | | | |
| 55 | 33.1 | 31.0 | | | | | | |
| 60 | 28.2 | 26.8 | 23.1 | | | | | |
| 65 | | 23.5 | 21.3 | | | | | |
| 70 | | 20.9 | 19.2 | 16.4 | | | | |
| 75 | | | 17.2 | 15.3 | 11.3 | | | |
| 80 | | | 15.5 | 14.0 | 11.1 | 9.2 | 7.7 | |
| 85 | | | | 12.4 | 10.7 | 9.0 | 7.7 | |
| 90 | | | | 11.3 | 9.9 | 8.7 | 7.5 | 4.7 |
| 95 | | | | 9.9 | 9.0 | 8.2 | 7.3 | 4.5 |
| 100 | | | | | 8.3 | 7.6 | 6.8 | 4.3 |
| 105 | | | | | 7.3 | 6.9 | 6.3 | 3.2 |
| 110 | | | | | | 6.2 | 5.7 | |
| 115 | | | | | | | 4.9 | |

Main boom 50 m

| Radius | Jib length in (m) | | | | | | | |
|--------|-------------------|------|------|------|------|-----|-----|-----|
| | 41 | 53 | 65 | 77 | 89 | 95 | 101 | 113 |
| (m) | t | t | t | t | t | t | t | t |
| 48 | 43.4 | | | | | | | |
| 50 | 42.6 | | | | | | | |
| 55 | 35.9 | 31.6 | | | | | | |
| 60 | 30.6 | 28.8 | | | | | | |
| 65 | | 25.3 | 22.4 | | | | | |
| 70 | | 22.1 | 20.0 | 15.9 | | | | |
| 75 | | 19.3 | 18.2 | 15.6 | | | | |
| 80 | | | 16.3 | 14.6 | 10.9 | 8.9 | | |
| 85 | | | 14.6 | 13.2 | 10.7 | 8.8 | 7.4 | |
| 90 | | | | 11.8 | 10.2 | 8.7 | 7.4 | 4.5 |
| 95 | | | | 10.7 | 9.5 | 8.3 | 7.3 | 4.4 |
| 100 | | | | | 8.6 | 7.8 | 6.9 | 4.2 |
| 105 | | | | | 7.9 | 7.3 | 6.5 | 3.7 |
| 110 | | | | | | 6.6 | 6.0 | 2.4 |
| 115 | | | | | | 5.7 | 5.4 | |
| 120 | | | | | | | 4.5 | |

Main boom 62 m

| Radius | Jib length in (m) | | | | | | | |
|--------|-------------------|------|------|------|------|-----|-----|-----|
| | 41 | 53 | 65 | 77 | 89 | 95 | 101 | 113 |
| (m) | t | t | t | t | t | t | t | t |
| 55 | 41.0 | | | | | | | |
| 60 | 35.4 | 30.5 | | | | | | |
| 65 | 30.2 | 28.5 | | | | | | |
| 70 | | 24.8 | 21.2 | | | | | |
| 75 | | 21.7 | 19.4 | 14.8 | | | | |
| 80 | | 19.0 | 17.6 | 14.7 | | | | |
| 85 | | | 15.7 | 14.3 | 10.1 | 8.3 | | |
| 90 | | | 14.1 | 13.0 | 10.0 | 8.3 | 6.9 | |
| 95 | | | | 11.7 | 9.7 | 8.2 | 6.9 | 4.0 |
| 100 | | | | 10.7 | 9.2 | 8.0 | 6.8 | 4.0 |
| 105 | | | | | 8.6 | 7.6 | 6.6 | 3.9 |
| 110 | | | | | 7.9 | 7.2 | 6.3 | 3.5 |
| 115 | | | | | | 6.6 | 5.9 | 2.3 |
| 120 | | | | | | 5.7 | 5.3 | |
| 125 | | | | | | | 4.5 | |

Main boom 74 m

| Radius | Jib length in (m) | | | | | | | |
|--------|-------------------|------|------|------|-----|-----|-----|-----|
| | 41 | 53 | 65 | 77 | 89 | 95 | 101 | 113 |
| (m) | t | t | t | t | t | t | t | t |
| 60 | 34.6 | | | | | | | |
| 65 | 31.4 | 27.3 | | | | | | |
| 70 | 28.7 | 26.7 | | | | | | |
| 75 | | 24.4 | 19.1 | | | | | |
| 80 | | 21.4 | 18.8 | 13.4 | | | | |
| 85 | | 18.9 | 17.2 | 13.4 | | | | |
| 90 | | | 15.5 | 13.2 | 9.2 | 7.6 | | |
| 95 | | | 14.0 | 12.4 | 9.1 | 7.6 | 6.3 | |
| 100 | | | | 11.5 | 9.0 | 7.5 | 6.3 | 3.5 |
| 105 | | | | 10.6 | 8.7 | 7.4 | 6.2 | 3.5 |
| 110 | | | | | 8.3 | 7.3 | 6.1 | 3.4 |
| 115 | | | | | 7.7 | 7.0 | 5.9 | 3.2 |
| 120 | | | | | | 6.4 | 5.7 | 2.1 |
| 125 | | | | | | 5.6 | 5.1 | |
| 130 | | | | | | | 4.4 | |

Main boom 80 m

| Radius | Jib length in (m) | | | | | | | |
|--------|-------------------|------|------|------|-----|-----|-----|-----|
| | 41 | 53 | 65 | 77 | 89 | 95 | 101 | 113 |
| (m) | t | t | t | t | t | t | t | t |
| 65 | 30.1 | | | | | | | |
| 70 | 27.8 | 23.9 | | | | | | |
| 75 | 25.4 | 23.5 | 17.8 | | | | | |
| 80 | | 22.0 | 17.7 | | | | | |
| 85 | | 20.1 | 17.1 | 12.6 | | | | |
| 90 | | | 15.9 | 12.6 | 8.6 | | | |
| 95 | | | 14.6 | 12.2 | 8.6 | 7.1 | 5.9 | |
| 100 | | | | 11.7 | 8.6 | 7.1 | 5.9 | |
| 105 | | | | 10.9 | 8.4 | 7.1 | 5.9 | 3.2 |
| 110 | | | | 9.8 | 8.2 | 7.0 | 5.8 | 3.2 |
| 115 | | | | | 7.8 | 6.8 | 5.7 | 3.1 |
| 120 | | | | | 7.1 | 6.5 | 5.6 | 2.5 |
| 125 | | | | | | 5.9 | 5.2 | |
| 130 | | | | | | | 4.7 | |

Main boom 86 m

| Radius | Jib length in (m) | | | | | | | |
|--------|-------------------|------|------|------|-----|-----|-----|-----|
| | 41 | 53 | 65 | 77 | 89 | 95 | 101 | 113 |
| (m) | t | t | t | t | t | t | t | t |
| 63 | 25.0 | | | | | | | |
| 65 | 25.3 | | | | | | | |
| 70 | 24.1 | 19.4 | | | | | | |
| 75 | 22.8 | 19.0 | | | | | | |
| 80 | | 18.1 | 15.0 | | | | | |
| 85 | | 17.2 | 14.7 | 11.3 | | | | |
| 90 | | 16.2 | 14.2 | 11.2 | | | | |
| 95 | | | 13.6 | 11.1 | 7.9 | 6.6 | | |
| 100 | | | 12.9 | 10.8 | 7.9 | 6.6 | 5.4 | |
| 105 | | | | 10.5 | 7.8 | 6.5 | 5.4 | 2.9 |
| 110 | | | | 9.8 | 7.6 | 6.4 | 5.3 | 2.9 |
| 115 | | | | | 7.4 | 6.3 | 5.2 | 2.8 |
| 120 | | | | | 7.0 | 6.1 | 5.1 | 2.7 |
| 125 | | | | | | 5.8 | 5.0 | |
| 130 | | | | | | 5.2 | 4.6 | |
| 135 | | | | | | | 4.0 | |

Capacities in metric tons with luffing jib (No. 2316.xx), 124 t counterweight + 57 t carbody counterweight. Above lift chart is for reference only. For actual lift duty and complete chart with all available configurations please refer to lift chart in operator's cab or manual.

Lift chart - luffing jib (No. 2316.xx)

Main boom angle 45°

120 t wheeled counterweight carriage at 15.8 m radius

Main boom 44 m

| Radius | Jib length in (m) | | | | | | | |
|--------|-------------------|------|------|------|-----|-----|-----|-----|
| | 41 | 53 | 65 | 77 | 89 | 95 | 101 | 113 |
| (m) | t | t | t | t | t | t | t | t |
| 67.6 | 30.1 | | | | | | | |
| 70 | 29.9 | | | | | | | |
| 80 | | 22.2 | | | | | | |
| 85 | | 19.8 | | | | | | |
| 90 | | | 16.3 | | | | | |
| 95 | | | 14.8 | | | | | |
| 100 | | | | 11.9 | | | | |
| 105 | | | | 10.7 | | | | |
| 110 | | | | | 8.5 | | | |
| 115 | | | | | 7.8 | 7.2 | | |
| 120 | | | | | | 6.6 | 5.8 | |
| 125 | | | | | | 5.9 | 5.2 | |
| 130 | | | | | | | 4.6 | 2.0 |

Main boom 50 m

| Radius | Jib length in (m) | | | | | | | |
|--------|-------------------|------|------|------|-----|-----|-----|--|
| | 41 | 53 | 65 | 77 | 89 | 95 | 101 | |
| (m) | t | t | t | t | t | t | t | |
| 71.9 | 27.7 | | | | | | | |
| 75 | 26.3 | | | | | | | |
| 85 | | 21.4 | | | | | | |
| 95 | | | 16.0 | | | | | |
| 100 | | | 14.6 | | | | | |
| 105 | | | | 11.6 | | | | |
| 110 | | | | 10.6 | | | | |
| 115 | | | | | 8.3 | | | |
| 120 | | | | | 7.7 | 7.0 | | |
| 125 | | | | | | 6.5 | 5.6 | |
| 130 | | | | | | | 5.1 | |
| 135 | | | | | | | 4.5 | |

Main boom 62 m

| Radius | Jib length in (m) | | | | | | |
|--------|-------------------|------|------|------|-----|-----|-----|
| | 41 | 53 | 65 | 77 | 89 | 95 | 101 |
| (m) | t | t | t | t | t | t | t |
| 80.3 | 21.4 | | | | | | |
| 85 | 19.9 | | | | | | |
| 95 | | 16.1 | | | | | |
| 100 | | | 13.8 | | | | |
| 105 | | | 12.8 | | | | |
| 110 | | | | 10.8 | | | |
| 115 | | | | 10.0 | | | |
| 120 | | | | 9.3 | 7.9 | | |
| 125 | | | | | 7.5 | 6.4 | |
| 130 | | | | | 6.9 | 6.4 | 5.2 |
| 135 | | | | | | 5.8 | 5.2 |
| 140 | | | | | | | 4.8 |

Main boom 74 m

| Radius | Jib length in (m) | | | | | | |
|--------|-------------------|------|-----|-----|-----|-----|-----|
| | 41 | 53 | 65 | 77 | 89 | 95 | 101 |
| (m) | t | t | t | t | t | t | t |
| 88.8 | 16.0 | | | | | | |
| 90 | 15.8 | | | | | | |
| 100 | | 12.4 | | | | | |
| 105 | | 11.5 | | | | | |
| 110 | | | 9.6 | | | | |
| 115 | | | 8.8 | | | | |
| 120 | | | | 7.1 | | | |
| 125 | | | | 6.5 | | | |
| 130 | | | | | 4.8 | | |
| 135 | | | | | 4.3 | 3.8 | |
| 140 | | | | | 3.8 | 3.3 | 2.7 |
| 145 | | | | | | 2.9 | 2.2 |

Main boom 80 m

| Radius | Jib length in (m) | | | | | |
|--------|-------------------|------|-----|-----|-----|-----|
| | 41 | 53 | 65 | 77 | 89 | 95 |
| (m) | t | t | t | t | t | t |
| 93.1 | 13.7 | | | | | |
| 95 | 13.3 | | | | | |
| 105 | | 10.3 | | | | |
| 110 | | 9.5 | | | | |
| 115 | | | 7.7 | | | |
| 120 | | | 7.0 | | | |
| 125 | | | | 5.3 | | |
| 130 | | | | 4.8 | | |
| 135 | | | | | 3.2 | |
| 140 | | | | | 2.8 | 2.3 |
| 145 | | | | | 2.3 | |

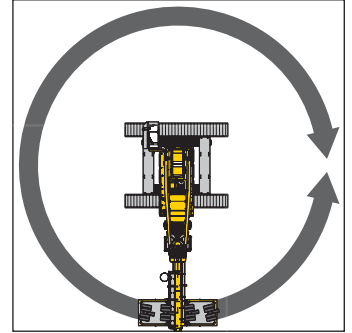
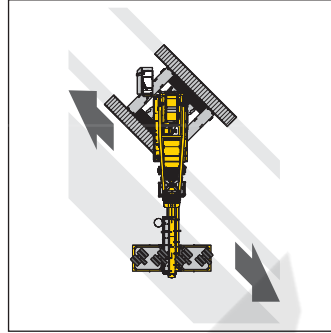
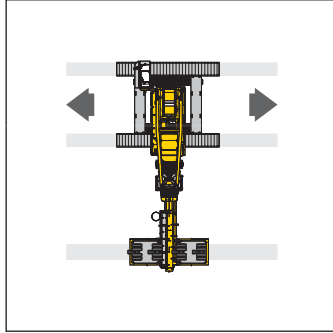
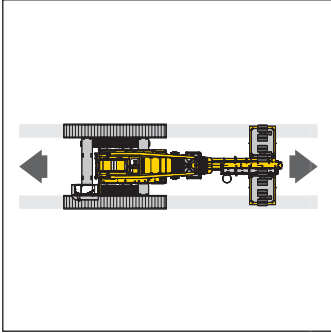
Main boom 86 m

| Radius | Jib length in (m) | | | |
|--------|-------------------|-----|-----|-----|
| | 41 | 53 | 65 | 77 |
| (m) | t | t | t | t |
| 97.3 | 11.4 | | | |
| 100 | 10.9 | | | |
| 110 | | 8.2 | | |
| 120 | | | 5.8 | |
| 125 | | | 5.3 | |
| 130 | | | | 3.6 |
| 135 | | | | 3.2 |

Capacities in metric tons with luffing jib (No. 2316.xx), 124 t counterweight + 57 t carbody counterweight. Above lift chart is for reference only. For actual lift duty and complete chart with all available configurations please refer to lift chart in operator's cab or manual.

Drive options

Wheeled counterweight carriage



Carriage with steerable axles

Carriage with blocked steering axle

