



LIFTING CHARTS - Crawler Cranes

DEMAG MODEL CC 2500 - 500 TON CAPACITY

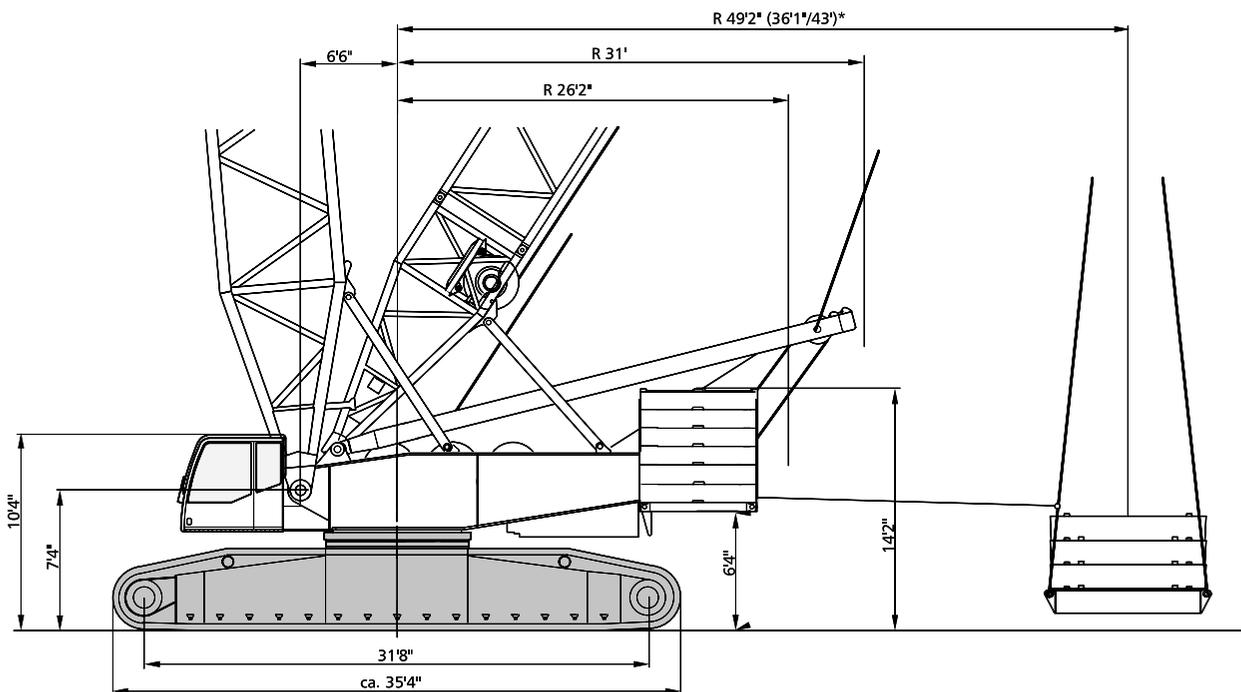
Specifications

Working speeds (infinitely variable)

| Mechanisms | Speeds ¹⁾ | Single line pull | Length of hoist rope |
|-----------------|----------------------|-------------------------------------|----------------------|
| Hoist 1 | max. 495.3 ft | 33,650 lb / 30,890 lb ²⁾ | 2.300 ft |
| Hoist 2 | max. 495.3 ft | 33,650 lb / 30,890 lb ²⁾ | 2.300 ft |
| Boom derricking | max. 495.3 ft | | |
| Boom hoist | max. 157.5 ft | | |
| Fly jib luffing | max. 495.3 ft | | |
| Slewing (RPM) | 1.1 | | |

1) Top layer

2) Without/with reeving effect considered



*optional

Specifications

Hook blocks / Single line hook

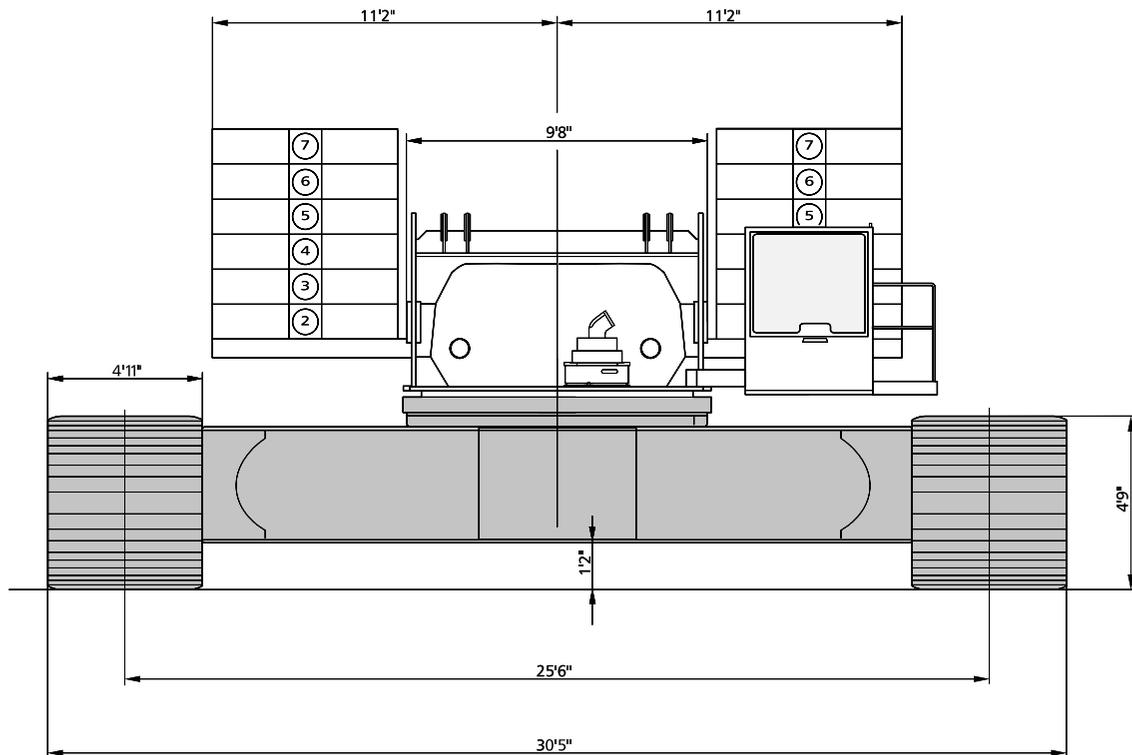
| Type | Possible load ¹⁾ | Number of sheaves | Number of lines | Weight | „D“ |
|------------|-----------------------------|-------------------|-----------------|-----------|---------|
| 2 x 200 t* | 881,800 lb | 2 x 7 | 2 x 15 | 14,800 lb | 16.4 ft |
| 2 x 160 t* | 679,000 lb | 2 x 5 | 2 x 11 | 14,100 lb | 15.8 ft |
| 100 t | 220,500 lb | 3 | 7 | 7,500 lb | 14.1 ft |
| 50 t | 97,000 lb | 1 | 3 | 3,800 lb | 13.1 ft |
| 15 t | 33,100 lb | Single line hook | 1 | 1,980 lb | 9.8 ft |

* The double hook blocks can be converted into single hook blocks.

¹⁾ Varies depending on national regulations

Carrier performance

| | |
|----------------------|------------|
| 1 st gear | 0-0.75 mph |
| 2 nd gear | 0-1.5 mph |



STERLING CRANE

Specifications

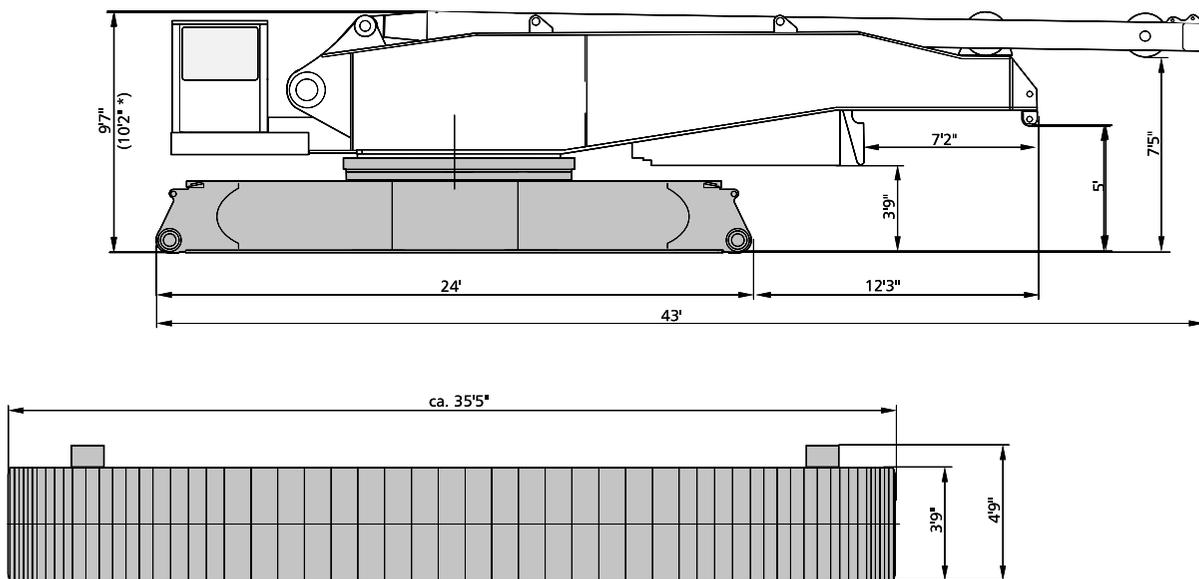
Weights

| | |
|---|--------------------|
| Total weight incl. counterweight 309,000 lb + 66,000 lb, 78.7 ft SH boom and hook block | 617,300 lb |
| Superstructure (with three drums, A-frame, reeving drum) | 90,400 lb |
| Superstructure (without drums H1/H2, reeving winch) incl. part of quick-connection | 72,800 lb |
| Carbody / Carbody with assembly jacks | 37,500 / 41,900 lb |
| Crawlers | 2 x 64,000 lb |
| Counterweight | 309,000 lb |
| Central ballast | 66,000 lb |

Ground pressure

| | |
|---|------|
| Ground pressure, based on 617,300 lb total weight kp/cm ² | 1,53 |
|---|------|

Transport width = 9.8 ft

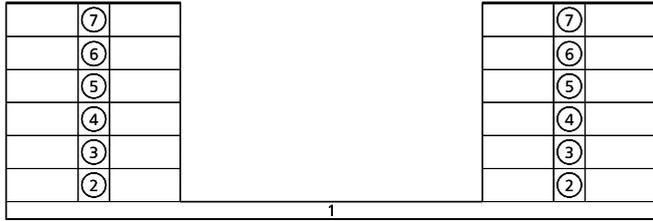


* (with quick connection)

STERLING CRANE

Specifications

Counterweights on upper



Central ballast (CB)

