



STERLING CRANE



LIFTING CHARTS - Crawler Cranes

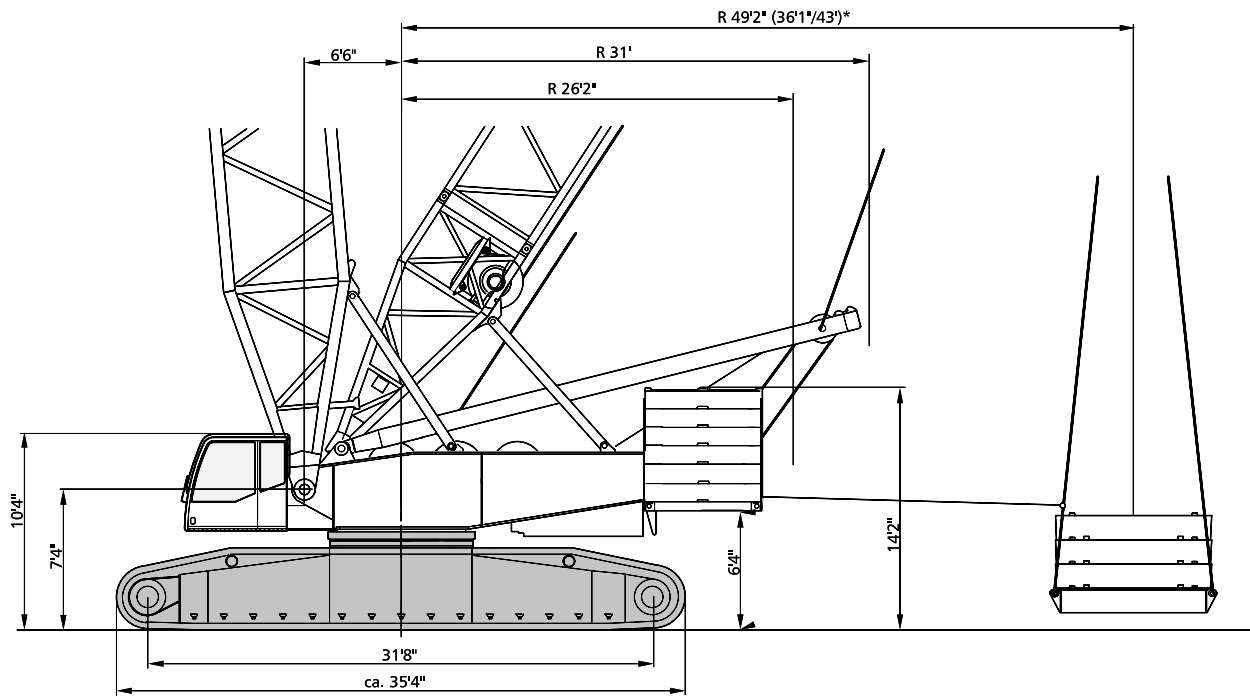
DEMAG MODEL CC 2500 - 500 TON CAPACITY

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



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Specifications

Hook blocks / Single line hook

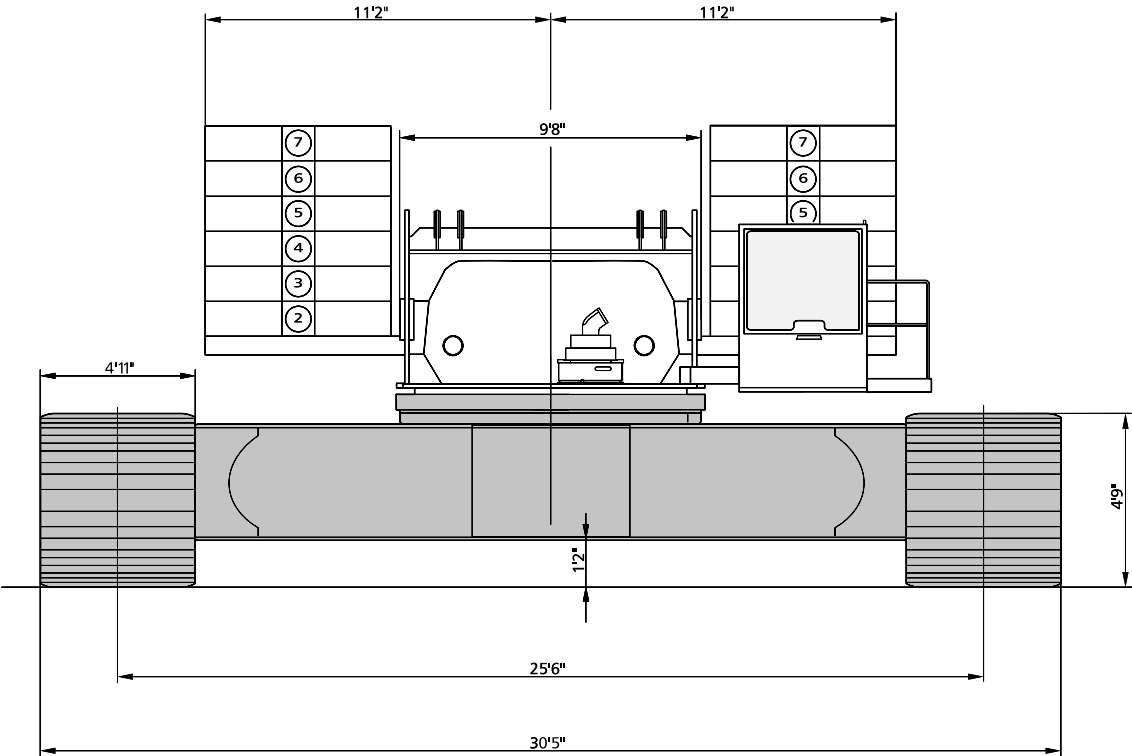
Type	Possible load ¹⁾	Number of sheaves	Number of lines	Weight	„D“
2 x 200 t*	881,800 lb	2 x 7	2 x 15	14,800 lb	16.4 ft
2 x 160 t*	679,000 lb	2 x 5	2 x 11	14,100 lb	15.8 ft
100 t	220,500 lb	3	7	7,500 lb	14.1 ft
50 t	97,000 lb	1	3	3,800 lb	13.1 ft
15 t	33,100 lb	Single line hook	1	1,980 lb	9.8 ft

* 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





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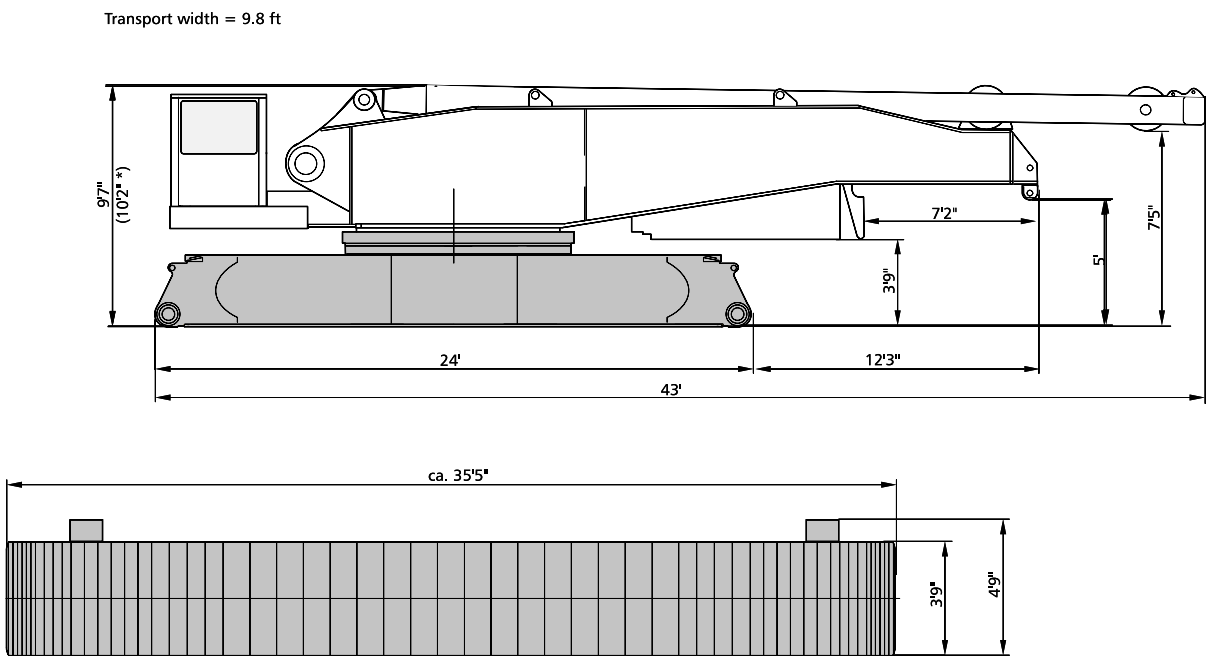
Specifications

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
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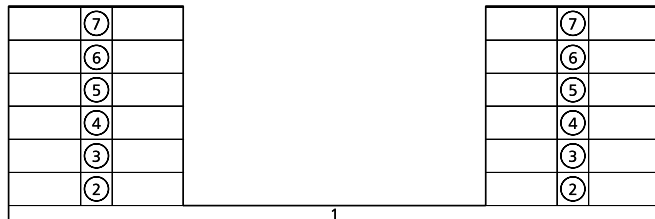
* (with quick connection)



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Specifications

Counterweights on upper



Central ballast (CB)

