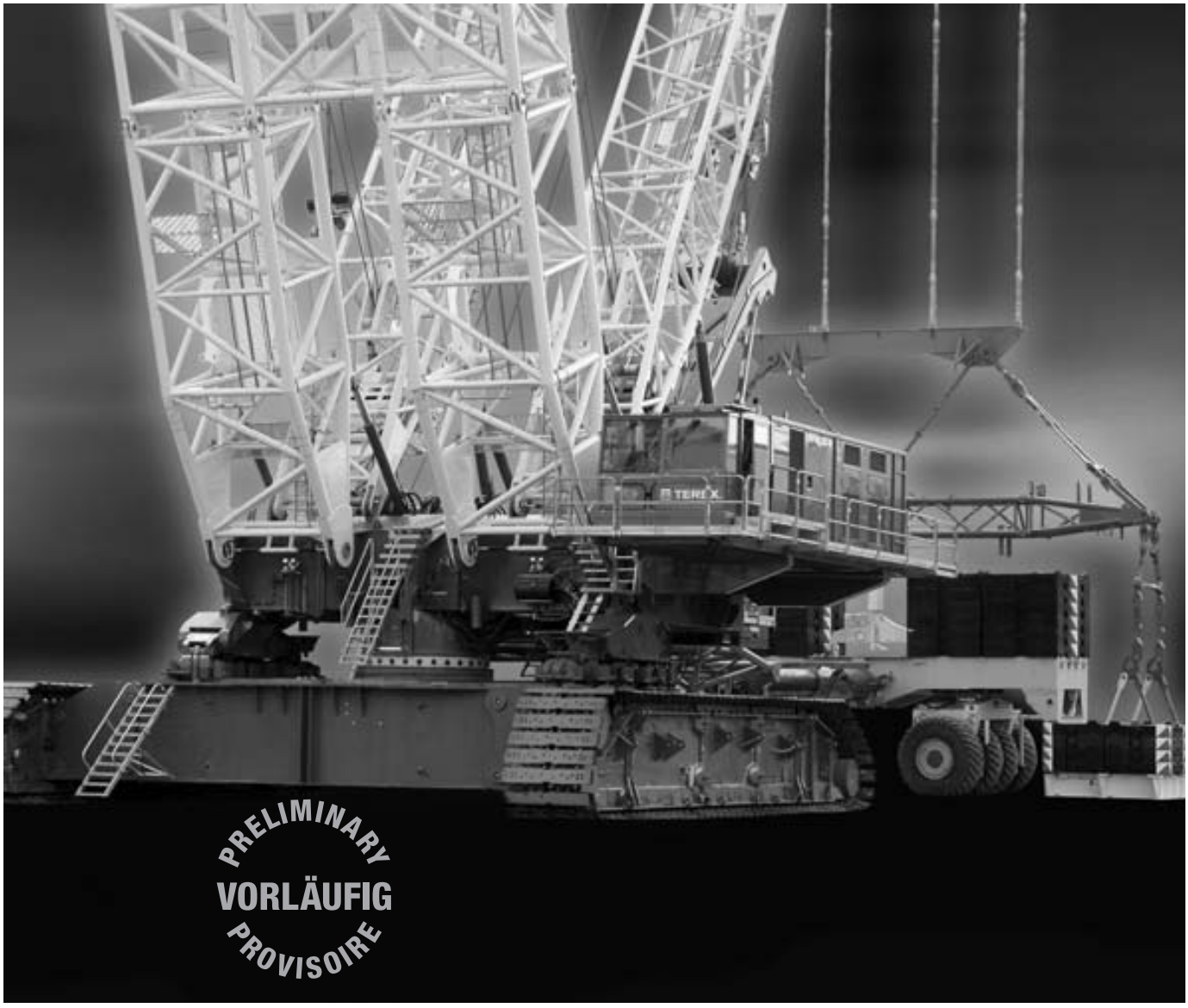
TEREX®

DEMAG CC8800-1TWIN | Crawler Crane 3200 t Lifting Capacity



DEMAG CC8800-1TWIN
CRAWLER CRANE

TEREX®

SPECIFICATIONS

FEATURES

- Max. capacity 3200 t
- Max. load moment 43900 tm (18 m radius)
- Traveling on crawlers with full load
- Max. lifting capacity (1865 t) of SSL 114 m boom is 332 % of CC 8800-1 SSL 114 m (562 t)
- Max. lifting capacity (1704 t) of SFVL 111 m + 15 m boom is 367 % of CC 8800-1 SFVL 108 m + 12 m (464 t)
- Max. transport width of components 3.5 m, weight 60 t

COMPONENTS

The CC 8800-1 Twin consists of a standard machine with counterweight carrier plus the following main components:

- Second boom and Superlift mast including bending resistant cross connectors to first boom
- Second hook block system with tie-bar to first hook block
- Cross-bridge connecting both main booms and Superlift masts
- Two winch frames between cross-bridge and rear end of upper structure
- Additional winches
- Adapter connecting cross-bridge with original slew ring
- Four crossbeams connecting original car body with crawlers
- Track roller system supporting the cross-bridge on the crossbeams
- Two crawler extensions and additional drive gears
- Counterweight suspension system
- Excellent control system with synchronization of all winches

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SPECIFICATIONS

HOOK BLOCK SYSTEM

Type	Possible load	Number of sheaves	Number of lines	Weight	„DL“
4 x 800	3200 t 1600 t	4 x 13 4 x 7	4 x 26 4 x 12	94 000 kg 74 000 kg	8,50 m 8,90 m
4 x 675	2700 t 1350 t	4 x 10 4 x 5	4 x 21 4 x 11	82 600 kg 64 600 kg	8,00 m 8,40 m
100	100 t	1 x 1	1 x 3	3 700 kg – 7 700 kg	4,50 m

KEY


Track


Counterweight


Superlift counterweight


Superlift radius


Load radius


Main boom


Fly jib


Main boom angle


Fly jib angle

„DL“

S: Heavy

H: Main boom

W: Luffing fly jib

F: Fixed fly jib

SL: Superlift

NOTES TO LIFTING CAPACITY

Ratings are in compliance with ISO 4305 and DIN 15019.2 (test load = 1.25 x suspended load + 0.1 x dead weight of boom head).
Weight of hook blocks and slings is part of the load, and is to be deducted from the capacity ratings.

Consult operation manual for further details.

Note: Data published herein is intended as a guide only and shall not be construed to warrant applicability for lifting purposes.
Crane operation is subject to the computer charts and operation manual both supplied with the crane.

In some instances the superlift counterweight does not lift off the ground with the indicated load.

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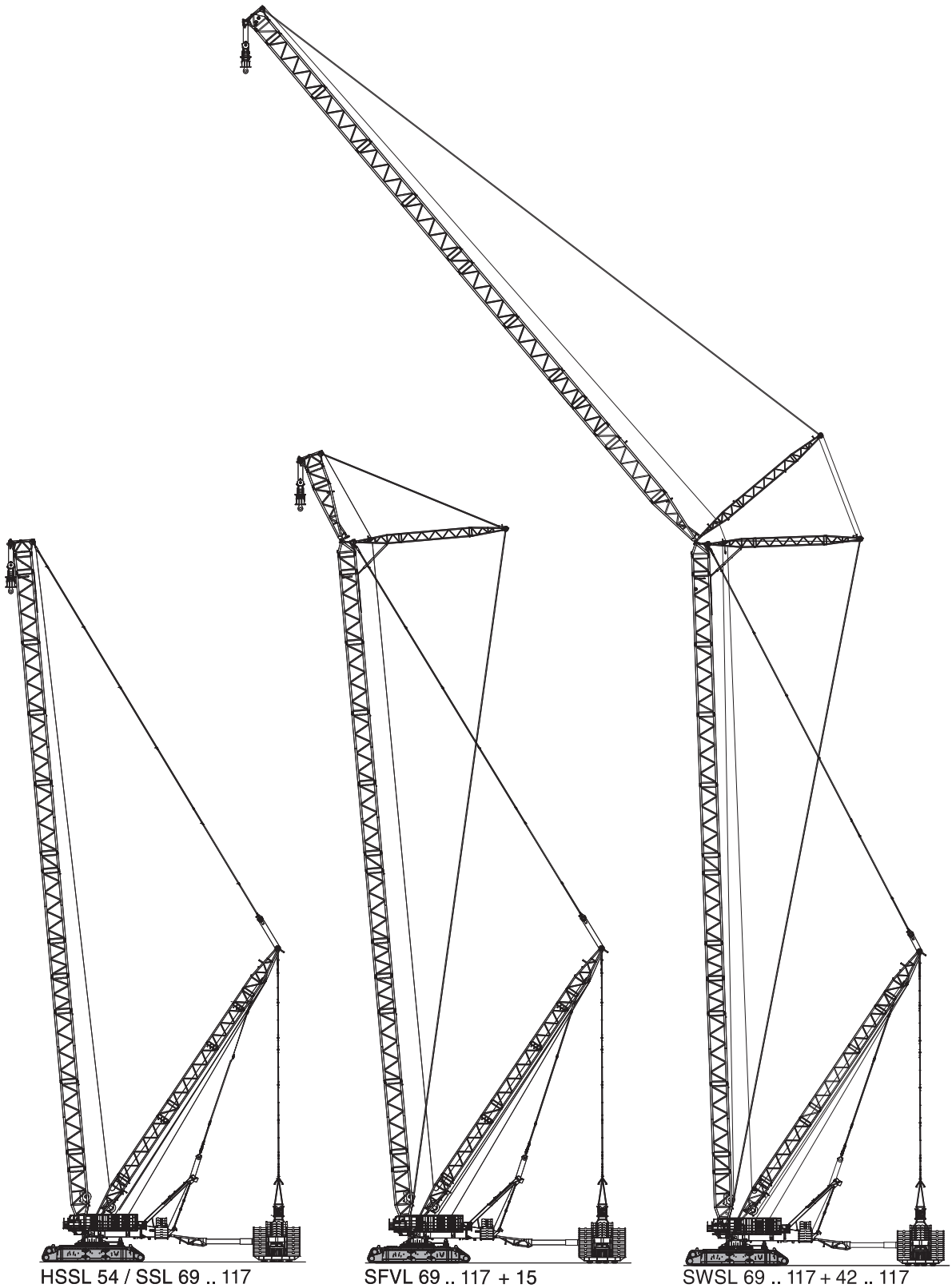
BOOM COMBINATIONS



HSSL 54 / SSL 69 .. 117

SFVL 69 .. 117 + 15

SWSL 69 .. 117 + 42 .. 117

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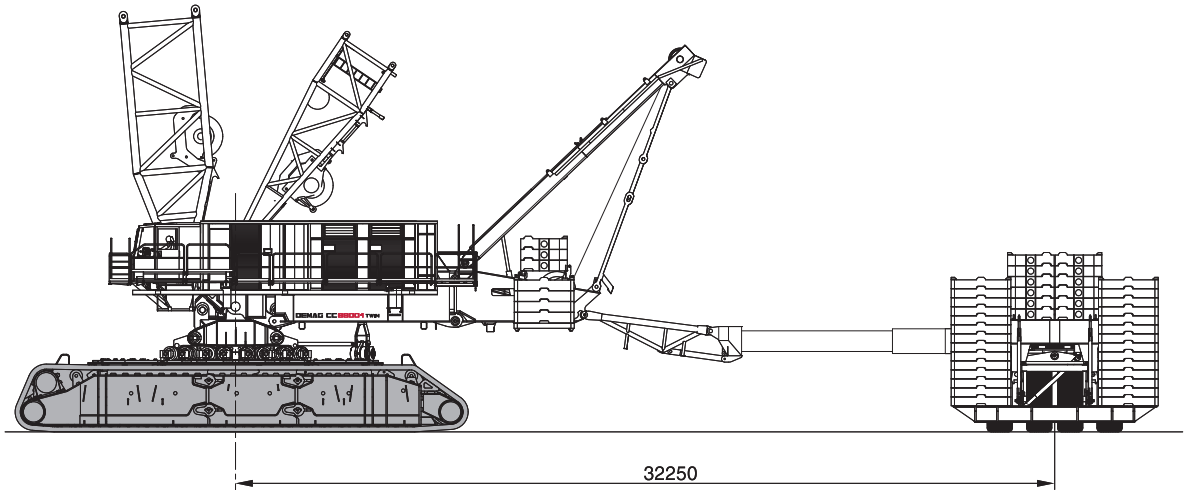
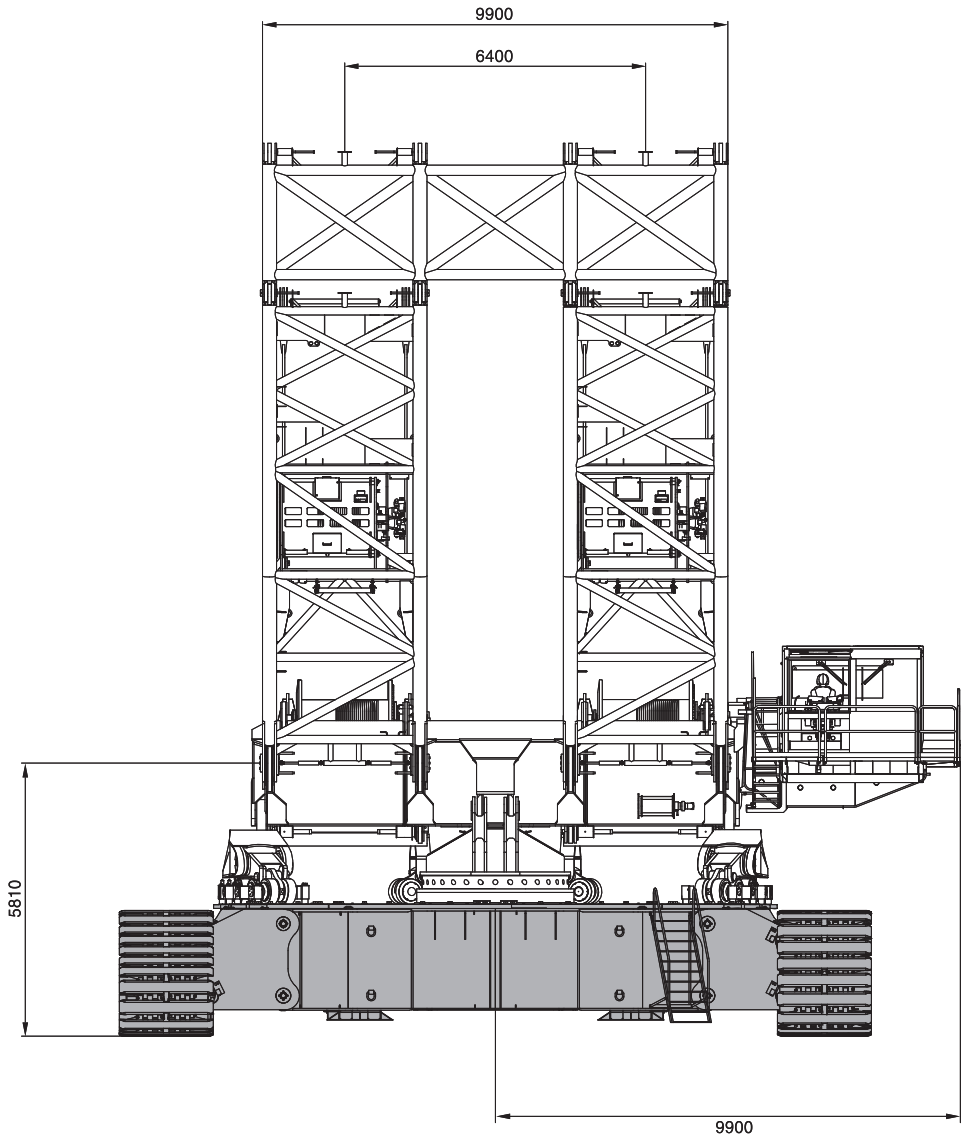
DEMAG CC8800-1TWIN
CRAWLER CRANE

SPECIFICATIONS





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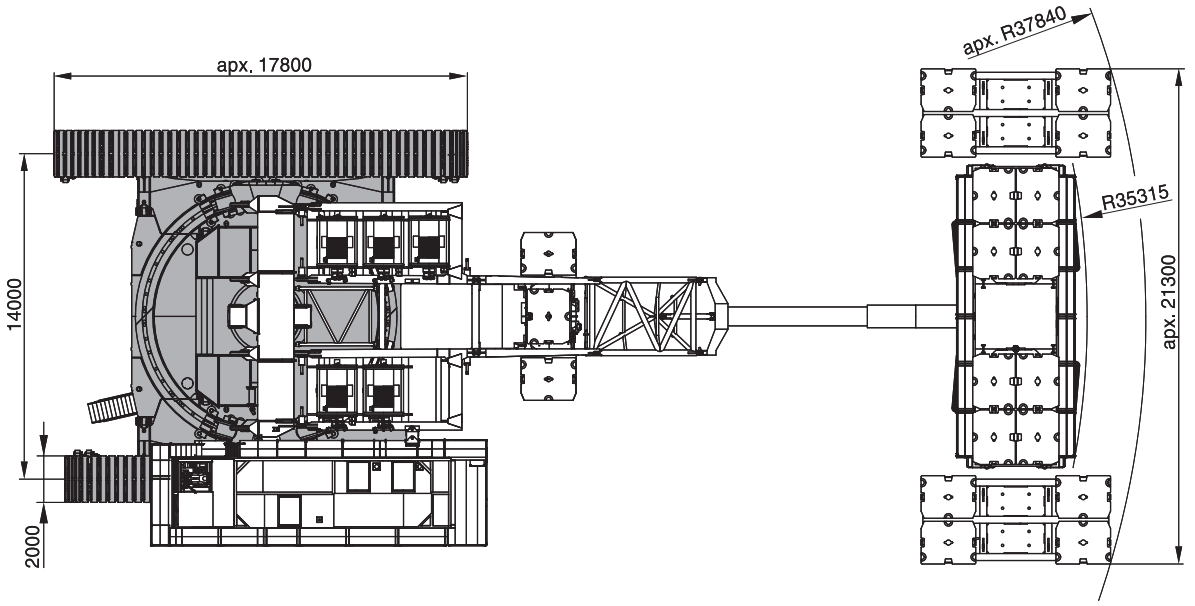
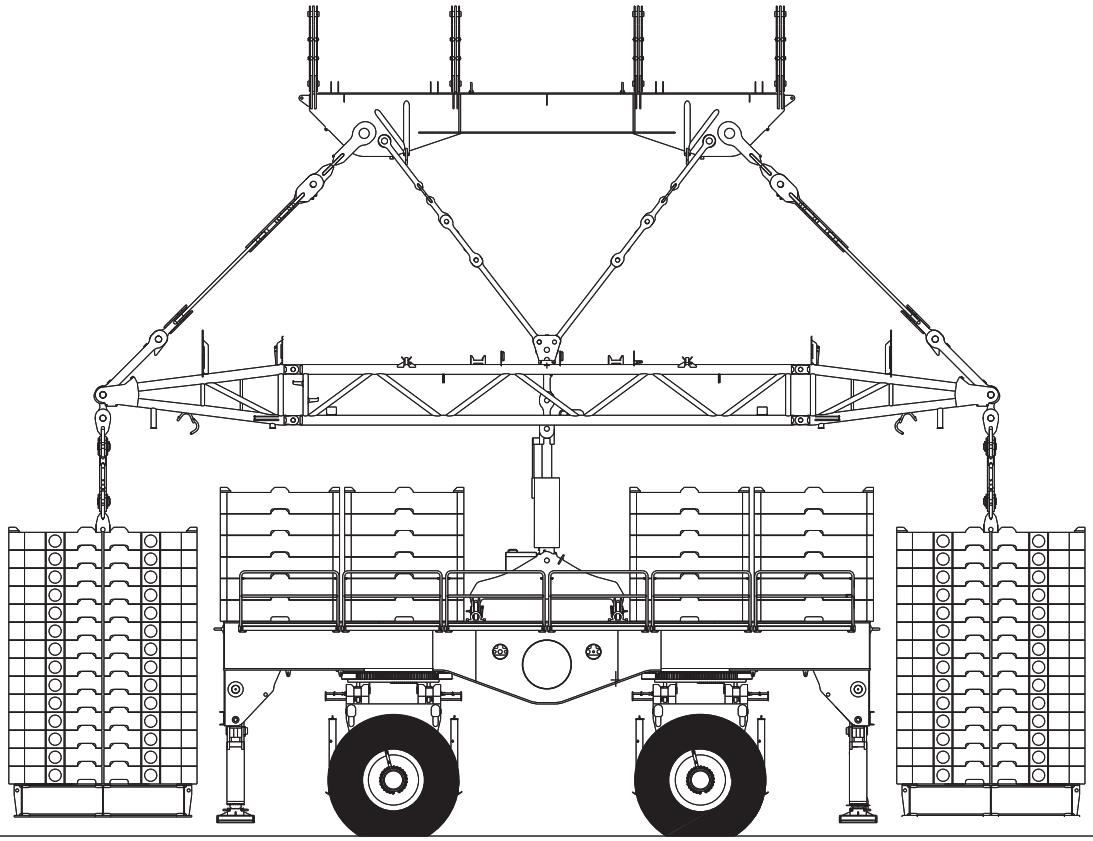
SPECIFICATIONS





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DEMAG CC8800-1TWIN
CRAWLER CRANE

LIFTING CAPACITIES

135 t | 1740 t | 32 m | 14 m | 360° | DIN/ISO

SSL

m	54 m*	69 m	75 m	81 m	87 m	93 m	99 m	105 m	111 m	117 m	m
	t	t	t	t	t	t	t	t	t	t	
9	3200,0	-	-	-	-	-	-	-	-	-	9
10	3200,0	2700,0	-	-	-	-	-	-	-	-	10
11	3200,0	2700,0	2695,0	-	-	-	-	-	-	-	11
12	3200,0	2698,0	2645,0	2613,0	2541,0	2459,0	-	-	-	-	12
13	3168,5	2656,5	2599,5	2569,5	2500,0	2425,0	2328,0	-	-	-	13
14	3137,0	2615,0	2554,0	2526,0	2459,0	2392,0	2301,0	2110,0	1988,0	-	14
15	2924,5	2568,0	2519,0	2489,5	2418,5	2359,0	2273,0	2110,0	1988,0	1865,0	15
16	2712,0	2521,0	2484,0	2453,0	2378,0	2326,0	2245,0	2110,0	1988,0	1865,0	16
18	2385,0	2323,0	2315,0	2307,0	2265,0	2208,0	2156,0	2104,0	1988,0	1865,0	18
20	2125,0	2070,0	2062,0	2053,0	2048,0	2031,0	1985,0	1939,0	1895,0	1851,0	20
22	1915,0	1863,0	1855,0	1847,0	1842,0	1834,0	1834,0	1796,0	1757,0	1717,0	22
24	1740,0	1692,0	1684,0	1676,0	1671,0	1663,0	1663,0	1656,0	1636,0	1599,0	24
26	1593,0	1548,0	1540,0	1532,0	1527,0	1519,0	1519,0	1512,0	1505,0	1495,0	26
28	1468,0	1425,0	1417,0	1409,0	1404,0	1396,0	1395,0	1389,0	1382,0	1378,0	28
30	1359,0	1319,0	1311,0	1303,0	1297,0	1290,0	1289,0	1283,0	1276,0	1272,0	30
34	1182,0	1145,0	1137,0	1129,0	1123,0	1115,0	1115,0	1109,0	1102,0	1098,0	34
38	993,0	1009,0	1001,0	992,0	987,0	979,0	978,0	972,0	965,0	961,0	38
42	840,0	899,0	891,0	882,0	877,0	869,0	868,0	861,0	854,0	850,0	42
46	732,0	810,0	801,0	792,0	786,0	778,0	777,0	771,0	764,0	759,0	46
50	-	735,0	726,0	717,0	711,0	702,0	701,0	695,0	688,0	683,0	50
54	-	672,0	662,0	653,0	647,0	638,0	637,0	630,0	623,0	619,0	54
58	-	618,0	608,0	599,0	592,0	583,0	582,0	575,0	568,0	563,0	58
62	-	-	562,0	552,0	545,0	536,0	534,0	527,0	520,0	515,0	62
66	-	-	522,0	511,0	504,0	494,0	492,0	485,0	478,0	473,0	66
70	-	-	-	476,0	468,0	458,0	455,0	448,0	441,0	436,0	70
74	-	-	-	-	436,0	426,0	423,0	415,0	408,0	403,0	74
78	-	-	-	-	-	398,0	394,0	386,0	379,0	373,0	78
82	-	-	-	-	-	373,0	368,0	360,0	353,0	347,0	82
86	-	-	-	-	-	-	345,0	337,0	329,0	323,0	86
90	-	-	-	-	-	-	-	316,0	308,0	301,0	90
94	-	-	-	-	-	-	-	-	289,0	281,0	94
98	-	-	-	-	-	-	-	-	271,0	263,0	98
102	-	-	-	-	-	-	-	-	-	246,0	102

SFVL 15 m 15°

m	69 m	75 m	81 m	87 m	93 m	99 m	105 m	111 m	117 m	m
	t	t	t	t	t	t	t	t	t	
16	1917,0	-	-	-	-	-	-	-	-	16
17	1874,0	1911,0	1919,0	-	-	-	-	-	-	17
18	1830,0	1867,0	1879,0	1886,0	-	-	-	-	-	18
19	1788,5	1824,0	1841,5	1847,0	1874,0	1887,0	-	-	-	19
20	1747,0	1781,0	1804,0	1807,0	1836,0	1819,0	1776,0	1704,0	-	20
21	1707,5	1744,5	1770,0	1767,5	1778,5	1751,0	1710,5	1671,0	1508,0	21
22	1668,0	1708,0	1736,0	1728,0	1721,0	1683,0	1645,0	1609,0	1480,0	22
24	1596,0	1633,0	1638,0	1629,0	1599,0	1564,0	1529,0	1497,0	1424,0	24
26	1508,0	1499,0	1490,0	1481,0	1471,0	1459,0	1427,0	1397,0	1365,0	26
28	1382,0	1373,0	1363,0	1354,0	1345,0	1337,0	1327,0	1308,0	1278,0	28
30	1273,0	1264,0	1254,0	1245,0	1235,0	1227,0	1218,0	1210,0	1200,0	30
34	1095,0	1085,0	1076,0	1066,0	1056,0	1048,0	1038,0	1030,0	1020,0	34
38	955,0	945,0	935,0	926,0	916,0	907,0	898,0	889,0	879,0	38
44	796,0	786,0	775,7	766,5	755,5	747,5	737,5	728,5	718,0	44
50	672,0	662,0	652,0	642,0	631,0	623,0	613,0	604,0	593,0	50
56	579,0	568,0	558,0	548,0	537,0	528,5	518,0	509,0	498,5	56
62	503,0	492,0	481,0	471,0	460,0	451,0	441,0	431,0	418,0	62
68	443,0	431,5	420,5	409,5	397,7	388,0	376,0	365,0	352,0	68
74	392,0	381,0	369,0	357,0	343,0	333,0	320,0	309,0	296,0	74
80	-	-	325,5	312,5	298,3	287,0	274,5	263,0	250,0	80
86	-	-	289,0	275,0	260,0	248,0	235,0	224,0	210,0	86
92	-	-	-	-	228,5	216,5	203,0	191,0	177,5	92
98	-	-	-	-	-	189,0	175,0	163,0	-	98
104	-	-	-	-	-	-	152,0	-	-	104
110	-	-	-	-	-	-	-	-	-	110

Remarks
* HSSL 54 m: special requirements apply · In some instances 6 hoist winches are necessary for the hook blocks to reach the ground

TEREX®

DEMAG CC8800-1 TWIN
CRAWLER CRANE

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