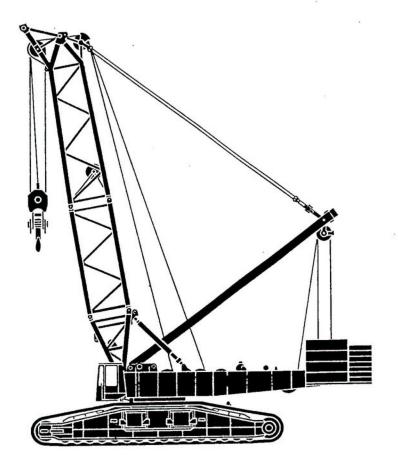
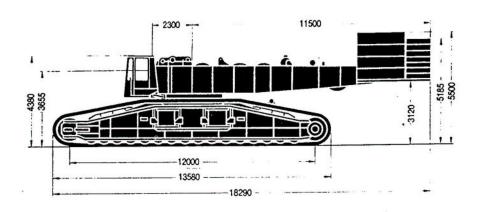
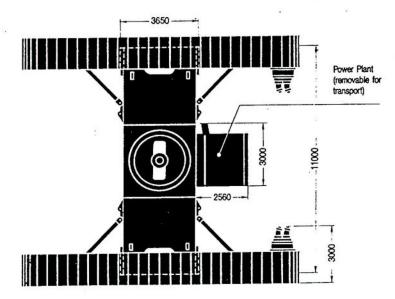
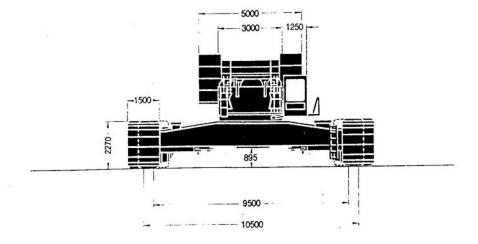
## DEMAG CC4000

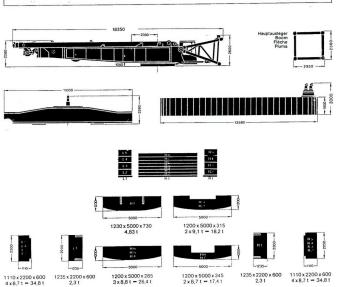


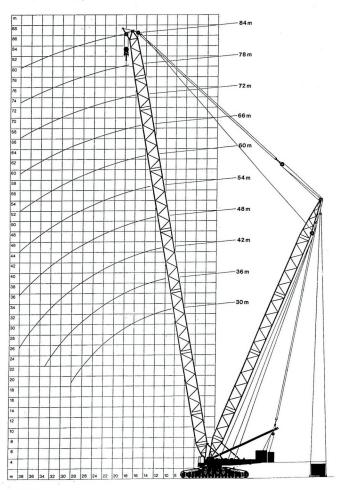






Weight of Counterweighted Machine with 18 m Boom	4251
Superstructure (with 4 drums, foot section of boom and mast gantry)	77,81
Carbody	51,5
Crawler Side-Frames	2 x 72,31
Counterweight	1401
Ground Pressure (based on a total weight of 425 t)	(1,18 kp/cm²) 11,8 N/m²





## **DEMAG CC4000**

10.5-m Track, 140-t Counterweight

75% (360°)

	Mast Length					Superlift Counterweight (t)				
Main Boom	mast Congin	Radius	0	50	100	150	200	250		
			-	t	t	t	t	t		
n	m	m	t	500	565			*800 *745		
	Mast	8 5 9 10	430 425 376 305 255 219		565 535 482 404 345	1 635 1 500 1 542 1 455 1 390 1 342 1 300 2 69 2 42 2 19 2 200	700 660 600 504 430 378 336 303 274 250 230 195	674		
10		12	305	*350 *300 *253 *220 *260 *176	1404	1455	1504	* 674 * 550 * 465 * 406 * 363 * 323 * 265 * 233		
ith Heavy-Duty Hammer Head	30	12 14 16 18	255	253	300	1322	1378	* 408		
till Heavy Duty Hammer Head	Radius	18	173 148 129	220	*300 *260 *231 *208 *188	269	303	32		
		22		176	188	1219	250	265		
	16	20 22 24 26 28	103	146 1130 126 350 350 253 220		185	195	233		
	Mast	10	376	126	162 482 404 345 300 260 231 208 188	185 1500 1455 1350 1342 300	• 500			
30		12 14 16	376 305 255 219 173 148 129	300	345	390	*500 *430 *378	*46		
30	30	18	173	220	260	300	336	363		
with Universal-Head	Radius	20	148	200 176 160	208	242	274	297		
		18 20 22 24 26	115			200	336 303 274 250 230 195	*465 *465 *363 327 297 265 235		
	16		115 103 93 • 357 • 301	-130	162 • 480 • 400	259 242 219 200 185 500 450 388 336	195			
	Mast	18 12 14	301	*346 *292	340	388	428	*460		
		16	252 216 171		293	336	*373 *310 *300	* 359		
	30	20	146	217 192	228	296 264 240	*300	293		
		22	112	157	185	216	245	268		
	Radius	26 28	100		170	216 197 181	206	* 355 * 323 * 293 * 268 * 247 * 229 * 212 * 185		
	40	16 18 20 22 24 26 28 30 34	146 127 112 100 90 81 68	98	293 256 228 205 185 170 156 143	167 145 128	7270 245 224 206 191 166 145	· 185		
	16	38		98 85 • 350 • 296 • 250 • 26 • 193 • 174	100 -400 -346 -300 -264 -233 -209 -188 -172 -158 -146		145	162		
	Mast	14	287 249 213 185 146 127	:296	1346	390	*380			
		16	185	*216	264	1346 1305 273 245 222 203 186 172	346 308 278 278 256 233 214 197 171 150 134	* 370		
	42	20 24 38	146	193	- 209	245	*278	*370 *335 *305 *277 *256 *257 *220 *170 *150 *150		
54	42	24	112	156	188	222	233	* 256		
	Radius	28	112 100 89 81	156 142 130 118	158	186	197	• 237		
	Hadius	30	67	100	126 110 96	130 130 115	171	192		
	18	34 38 42	67 57 49	75	96	115	134	152		
	10	46	183 183	250	* 270		144			
	Mast	18		*250 *218 *192	270 1260 1232 1210	*266 *261 *244 *222 *202 *202 *105 *172		:		
		20 22 24 26	126	171 154 140	1210	244	· 256 · 250	-:		
	40	26	98 87	140	187 170 157 147 124 108 95 85 76 69	202	250 210 200 140	236		
36	42	28 30 34 38 42 45	79	128 116	147	172	200	190		
		34	79 65 55 47	97 83	108	147 130 115	149	168		
	Radius	42	47	72 63	95 85	115	133 119 108	135		
	18	50 54 58	35	56	76 69	91 84 76		- 244 - 236 - 219 - 195 - 165 - 156 - 156 - 176 - 176		
		58		72 63 56 50 45 235 218 192		76		100		
		16	188 177	218	*231 *227 *210 *190 *172 *158 *147			-		
	Mast	70 77 74 78 78 30 30	150 129 113	192	*210	*223 *218 *210 *190 *176		- :		
		24	113	154	190	218				
	54	28	100 89 80	128	158	190	207 200 179			
2		34	56 56 47	101	124 108 95 85	130	179	168		
	Radius	38	47	86 75	95		138 138 123	168 168 150		
		46 50	35	58 58		102	112			
	20	58	31	52 46	69 63 56	84 76 70	123 112 96 82 75			
		67	27 24 156	200 193 172	56					
		20	148	193	*105			-		
	Mast	24	113	155	185					
		26 28	100	155 140 128 116	160	172				
	54	57 18 20 27 24 26 30 30 31 38 47 46 50 51 51	80	99	147 126 109	172 168 152 133 116	160 152 138 123			
78		38	55	85		133	138			
	Radius	46	40	66 58	85 76 68	103	112 96	-		
		24	35	7 52	68	103 52 84 76	96 82			
	20	58 62	76 73	41	62 56 51	69	82 75 69			
		55	139	180	- 51	- 63	- 03	-		
		20	131	173						
	Mast	20 27 24 26 28	124	1154	164					
	me31	76	99 88	128	158					
	54	30			147	*140				
14			65 55 46	85 75		1132	128	==		
	Radius	45	40	66	94 84	102	118 108 96	-		
		50	29 25	58 52 46	68	84 76 69	96 82			
	20	58 67 66	25	41	56	69	75 69			
		56	72 19	38 35	51	63 59	69			

<sup>\*</sup> With 2 hook-blocks (lifting beam optional)

10.5-m Track, 140-t Counterweight

75% (360°)

Radius		Length of Main Boom													
	18 m	24 m	30 m	36 m	42 m	48 m	54 m	60 m	66 m	72 m	78 m	84 m	90 m	96 m	102 m
m	ı	t	t	t	t	t	t	t	t	t	t	t	t	t	t
6	650**		_	-	-	-	-	-	-	-	-	-	-	-	-
	570**	500°	-	-		-	-		-	-	-	-		-	-
9	500°	460°	440*	-		-		_	-	-		-			-
9	430°	425*	420*	420°	419*	-	-	***	-	-	-	_	-	-	-
10	380	375	375*	373*	371*	370*	360*	314*	-			-	-	-	-
12	307	305	303	302*	300*	299*	298*	296*	266*	232*	200*	_	_	-	-
14	258	256	254	253	251*	250°	248*	247*	246°	226*	199*	176*	152*	134*	110
16	222	220	218	217	215	214*	212*	211*	210*	208*	198*	174*	151*	132*	110
18	194	192	190	189	188	186	185*	184*	182*	181*	180*	172*	148*	130*	109
20	_	164	163	162	160	160	159	158	157*	156*	155*	155*	145*	128*	108
22	-	144	142	141	140	139	138	137	136	135*	134*	134*	133*	125*	106
	_	-	126	125	123	122	121	120	119	118	117*	117*	116*	115*	104
24 26	-	-	113	112	110	109	108	107	106	105	104	103*	103*	102*	101
28	-	-	102	101	99	98	97	96	95	94	93	92	91*	91*	90
30	-	-	-	92	90	89	88	87	86	85	84	83	82	82	81
34	-	-	-	-	76	75	74	72	71	70	69	69	68	67	66
34 38	_	-	-	-	65	64	63	61	60	59	58_	58	57	56	55
42	-	-	-	-	-	56	54	53	52	51	50	49	48	47	46
46	_	-	-	-	-	-	48	46	45	44	43	42	41	40	39
50	-	-	-	-	-	-	-	41	39	38	37	36	35	34	33
54	-	-	-	-	-	-		36	35	34	32	31	30	29	28
58	-	-	-	-	-	-	-		31	30	28	27	26	25	24
62	-	_	-	-	-		-	-	-	26	25	24	22	21	20
66	-	-	-	_	-	-	_	-	-	-	22	21	19	18	17
70	-	-	-	-	-		-		-	-	19	18	17	15	14
74	_	_		-	-		-	-	-	-	-	16	14	13	12
78	_	-	**	_	-	-	-	-	-	-	-	-	12	11	10
78 82		_		_	_	-	-	-	-	-		-	-	9	8

Only with heavy-duty hammer head and 2x400 thook-block.
Double hook-block required.

Double hook-block required.
Main-boom capacities for 9.5-m track available on request.



## **Crane Capacity Notes**

Gross capacities do not exceed 75% of tipping load and are in conformance with DIN 15019.2 (test load = 125 x lifting load + 0.1 x dead weight of boom reduced to boom point).

The weight of hook block and all other load-handling accessories is considered part of the load, and suitable allowance for them should be made.

Crane with maximum length of boom can still operate safely up to a

60 N/m<sup>2</sup> Wind Pressure of and a Wind Speed of

and a Wind Speed of 9.8 m/s Wind Surface of Load 1 m<sup>2</sup> /t load

All capacities above the parting lines in the charts depend on a firm level, uniformly supporting surface. Shorter boom lengths and lower capacities apply to sloping positions and travel over uneven ground.

Loads suspended from the Fly Jib are not allowed to be travelled into position, and limitations on boom length must be observed when travelling without a load over uneven ground.

Consult operation manual for further particulars and higher wind speeds.

While every care has been taken in the preparation of the ratings given in this leaflet, and all reasonable steps have been taken to check the accuracy of the information, Decalift cannot accept responsibility for any inaccuracy in respect of any matters arising out of, or in connection with the use of these tables.