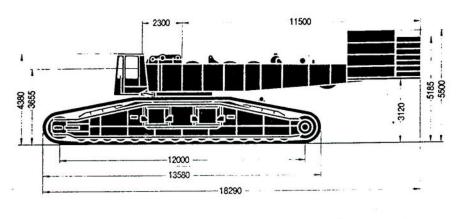
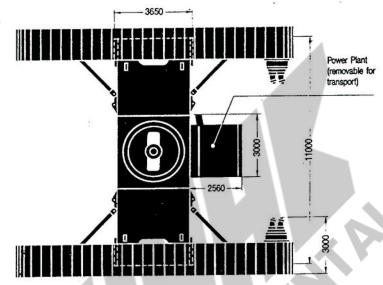
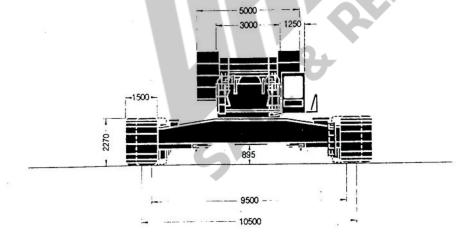
# DEMAG CC4000

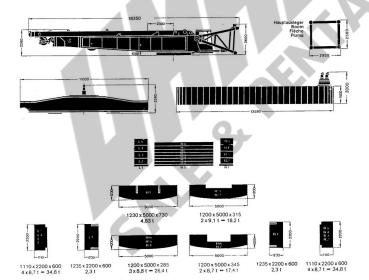




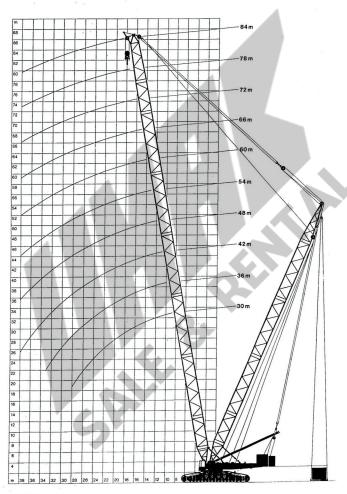




Weight of Counterweighted Machine with 18 m Boom		425 t
Superstructure (with 4 drums, foot section of boom and mast gr	intry)	77,8 t
Carbody		51,5 t
Crawler Side-Frames		2 x 72,3 t
Counterweight		140 t
Ground Pressure (based on a total weight of 425 t)		(1,18 kp/cm²) 11,8 N/m²



#### **DEMAG CC4000**



## **Superlift Capacities**

## **DEMAG CC4000**

10.5-m Track, 140-t Counterweight

75% (360°)

							(3600				
	Mast Length		Superlift Counterweight (t)								
Main Boom		Radius	0	50	100	150	200	250			
m	m	m	t	t	t	t	t	t			
	Mast	8.5	430	*500 *473 *426 *350 *300	\$65 \$535 \$82 \$404	*635 *600 *542 *455 *390 *342 *300	1760 1660 1600 1504 1378 336 333 274 274 274 274	800 - 745			
30	Mast	10	1305 1376 1305 255 219 173	350	482	455	504	*674 *550 *465 *465 *367 *367 *367 *367 *367 *365 *365 *365			
with Heavy-Duty Hammer Head	30	14 16 18	255	253	*345 *300 *260 *231 *208 *188 *173 *162 *482 *482 *404 345 300 260	342	378	408			
with Heavy-Duty Hammer Head	Radius	78	173	253 220 200 176	260	269	-303	327			
		20 22 24 26 28	148 129 115 103 103 103 103 103 103 103 103 103 103	176 160 146	188	*269 *242 *219 *200 *185 *500 *455 *390	250	265			
	16		103	130	162	185					
	Mast	10 12 14	376 305	130 126 350 350 253 220 200 176	404	1355	*500 *430 *378 336 303 274 250 230 195	* 465			
30	30	16 18	255 219	300 253	300	342 300	378	*465 *468 *363 327 297 265 235			
with Universal-Head		18 20	173	200	231 208 188	269 242	303	327 297			
	Radius	20 22 24	129	160	188	219	250 230	265 235			
	16	78	103	160 146 130 1420 1346	162	200 185 1500 1450 388					
	Mast	18	357	346	340	450	1480	*460			
		16	216 (71	*292 250 217	293		*373	359			
	30	20	146	192 173	228 205 185	*296 *264 240	*300	293			
	Radius	18 20 22 24 26 28 30 34	112	157		216 197 181	*428 *373 *310 *300 *270 245 224 206 191	*460 *404 *359 *323 *293 *268 247			
	Radius	28	90 81 68	127	156	181 167 145	206 191	229 212 185			
	16	34		98	124	145	166	- 185 162			
	Mast	12	287 249 213 185 146	750	100	.390					
	Mast	14 16 18	213	250	*300	346	*380	*370			
		20	146	1950 1960 1250 1950 1951 174	* 400 * 346 * 300 * 264 * 233 * 209 * 88 * 172 * 158 * 146 * 126 * 110 * 96	*346 *305 *273 *245 *222 *203 *86 *172	*346 *308 *278	*370 *335 *303 *277 *256 *237 *220 *220			
54	42	24	127	142	188	222	256 233 214 197 171 150 134 122	277			
-	Radius	24 26 28 30 34 38 42	100 89 81	130	158	186	- 197	237			
	110000	34	67 57 49	100	126	130	150	196			
	18	42	43	75		115	122	152			
	4	16	43 1218 183	250 218 192 171 154 140 128 116 97	*270 *260 *232 *210 *187 *170 *157 *147 *124 *108	*266 *261 *244 *222 *202 *185 *172	-				
	Mast	20	145	192	1232	*244	256				
		20 22 24 26 28 30 34 38 42 45	126 110 98	140	187	202	256 250 233 233 200 148	*244 *236 *219 *195 *165 *150 *135 *120 *188			
66	42	28 30		128	157	172	200	219			
	Radius	32	79 65 55 47	83	108	147 130 115	149	168			
	Hadius	42	40	83 72 63 56 50	85	102	133	133			
	18	50 54 58	35	56 50	76 69 63	84 76	97	108			
		16	188	235 218 192			-	- :-			
	Mast	18 20 22 24 26 28 30 34 38 42 46		: 192 : 192	231 227 210 190	1222					
		22	129	154	190	1223 1218 1210 1190					
	54	26 28	100 89	128	172 158 147		*207 *200 *179 *156 *138 *123				
2	34	30	80 56	101	124 108 95	130	179	188 168 150			
	Radius	38 42	47	75 66	95	115	138	130			
		50	35		85 76 69 63	91 91 84	96 82				
	20	58	27	52 45	63 56	76 70	82 75				
		18	74 156 148	200							
	Mast	20 22 24 26	140	172 155 140	185 180 176						
		26	100	140 128 116	176	1772		-			
	54	28 30 32	80	116	*160 *147 *126 *109 *96 *85 *76 *68	168 152 133 116	160				
78		38	55	99 86 75	109	116	160 152 138 123	-			
	Radius	38 47 46 50 54 58	40 35 30 76	58	85 76	103 52 84					
	20	54	30	3 52 46	68	84 76 69	96 82				
	20	62	20	38 180	62 56 51	63	69				
			139	173							
		18 20 27 27 24 26 28 30	174 112 99	154	164						
1	Mast	76 78	99	1128	*158 *152 *147			_==			
	54	30	88 79 65	99		140					
4		38	65 55 46	85 75 66	107 94	115	178				
	Radius	#7 #6	34		84 75 68	102 91 84	108				
		58 58	79	52	68 62 56	76 69	B2				
	20	67 66	25 22 19	38	56 51 47	69 63	75 69				
		70	16	35	47	59	62				

<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	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t
6	650**	-	-	-	. <del>-</del>	-	-	-4	-	-	-	-	-	-	-
7	570**	500°	-	-		_	-		-	-	-	-	-	-	
9	500°	460°	440*	-	***	-	- 4	-	-	-		-	-		_
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
24	-	-	126	125	123	122	121	120	119	118	117*	117*	116*	115*	104
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
38	_	-	_	-	65	64	63	61	60	59	58_	58	57	56	_ 55
42	-	-	-	-	-	56	54	53	52	51	50	49	48	47	46
46	_	-	4	-	-	-	48	46	45	44	43	42	41	40	39
50	-	- 4	-	-	-	-	-	41	39	38	37	36	35	34	33
54	-	- 4	-	-	-	-		36	35	34	32	31	30	29	33 28 24
58	-	-	-	-	-	-		-	31	30	28	27	26	25	24
62		-	-	-	-		-	-	-	26	25	24	22	21	20
66	-	-	-	-	-	-	-	- 1	-	-	22	21	19	18	17
70	-	-	-	-	-	H 1			-	-	19	18	17	15	14
74	-	_		-	-		-	-	-			16	14	13	12
78	-	_	-	-	-	-	-	-	-	-	-	- /	12	11	10
82	-	-		-	-	-	-	-	-	-	~	-	-	9	- 8

<sup>\*\*</sup> Only with heavy-duty hammer head and 2 x 400 t hook-block 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.