

308 TON

Lattice Boom Truck Crane

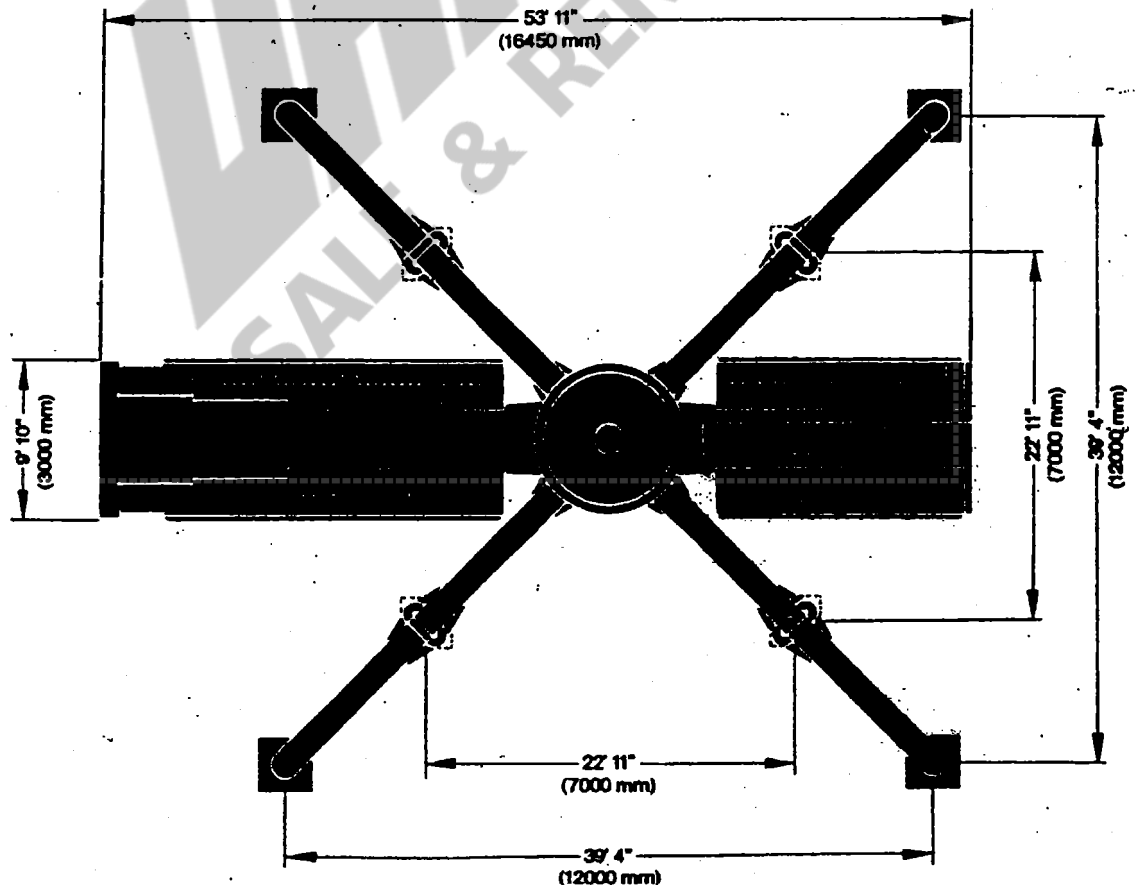


39' to 295' Main Boom
59' to 216' Luffing Jib

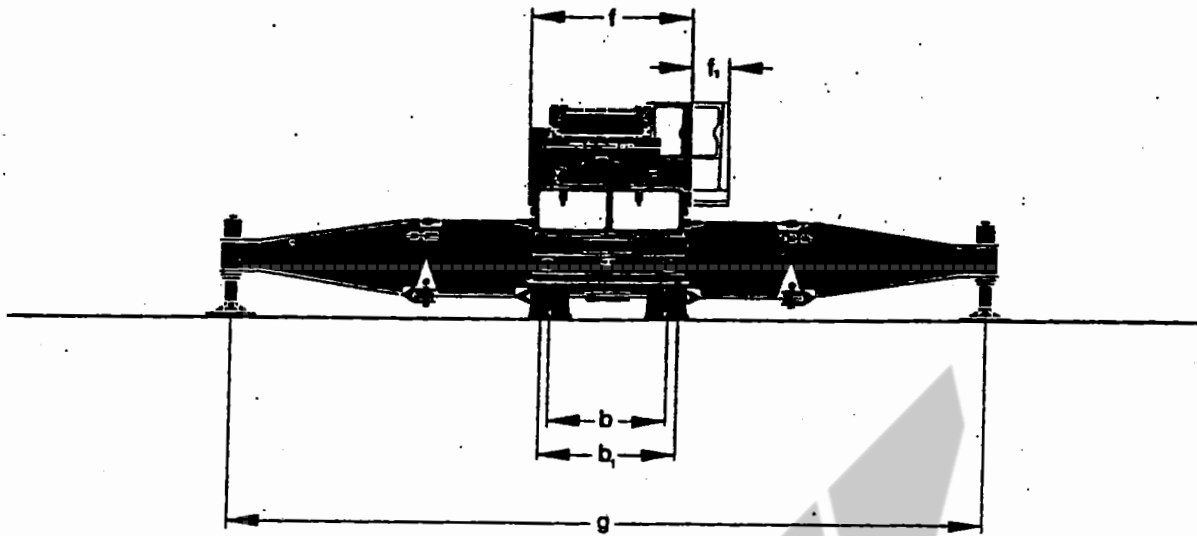
Notes:

UNAK
SALE & RENTAL





DEMAG Baumaschinen 308 Ton Cap.



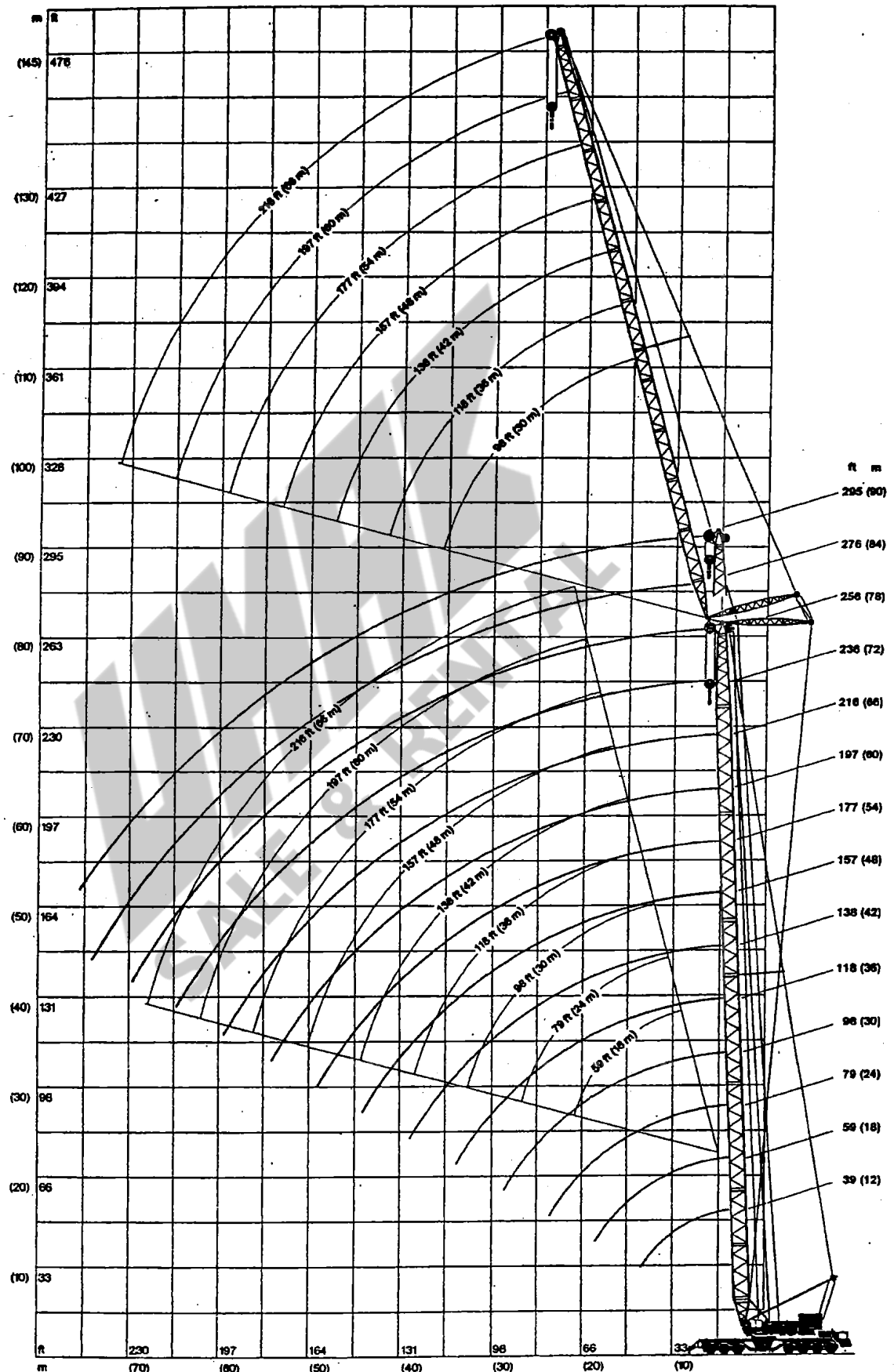
a	14.00 - 24, PR 22	d	54' 9" (16 710 mm)	e ₄	3' (1 150 mm)	k	61' 4" (18 700 mm)
a ₁	12.00 - 24, PR 20	d ₁	62' 2" (18 950 mm)	f	9' 10" (3 000 mm)	l	7' 2" (2 200 mm)
b	7' 1" (2 170 mm*)	e	8' (2 450 mm)	f ₁	2' 4" (700 mm)	m	22' (6 710 mm)
b ₁	8' 5" (2 503 mm)	e ₁	5' 3" (1 600 mm)	g	39' 4" (12 000 mm)	n	10" (250 mm)
c	13' 9" (4 200 mm)	e ₂	4' 11" (1 500 mm)	h	12' 11" (3 950 mm)	o	6" (150 mm)
c ₁	30' (9 150 mm)	e ₃	17' 8" (5 400 mm)	i	11' 2" (3 600 mm)		

* 4th Front Axle

Truck Carrier

Engine	KHD BF 12 L 413
System	12 cyl.-4 strokes
Output at 2500 RPM	310 kW (420 HP)
Cooling	air
Fuel-Tank Capacity	80 gal. (300 liters)
Transmission	12-Speed Main Transmission plus 2-Speed Transfer Case
Carrier	14 x 8
Suspension	
Front	1st and 2nd Axles: Leaf springs; 3rd and 4 th = Hydraulic suspension
Rear	1st and 2nd Axles = Walking Beams, 3rd = Hydraulic suspension
Outriggers	4 articulated dismountable outrigger beams with hydraulic jack legs

DEMAG Baumaschinen 308 Ton Cap.



TC 1200				O/R SPREAD 39'-4.4" SQ. (12 x 12 m)			
85 %				360°			
CAPACITIES (POUNDS) = LOAD + HOOK BLOCK							
MAIN BOOM ONLY (FT.)				99 TON CWT.			
		RADIUS	85 %			RADIUS	85 %
		(FT.)	RATED			(FT.)	RATED
BOOM LENGTH (FT.) 39	20	616,000	BOOM LENGTH (FT.) 79	23	550,000		
	23	550,000		26	503,000		
	26	506,000		30	425,000		
	30	430,000		33	382,000		
	33	386,000		36	344,000		
	36	353,000		40	306,000		
	40	312,000		46	260,000		
	All capacities above the parting line are based on structural strength, those below the line are based on stability for the percentage of tipping load as indicated.			53	220,000		
59				196,000			
66				177,000			
72				156,000			
BOOM LENGTH (FT.) 59	20	616,000	BOOM LENGTH (FT.) 98	23	550,000		
	23	550,000		26	498,000		
	26	504,000		30	422,000		
	30	427,000		33	378,000		
	33	384,000		36	342,000		
	36	348,400		40	304,000		
	40	307,000		46	258,000		
	46	262,000		53	217,000		
	53	224,000		59	193,000		
	59	198,000	8-28-01 1/6 A179	66	169,000		
				72	153,000		
				79	137,000		
				85	127,000		
				92	116,000		







		TC 1200				O/R SPREAD 39'-4.4" SQ. (12 x 12 m)	
85 %						360°	
CAPACITIES (POUNDS) = LOAD + HOOK BLOCK							
MAIN BOOM ONLY (FT.)				99 TON CWT.			
		RADIUS	85 %			RADIUS	85 %
		(FT.)	RATED			(FT.)	RATED
BOOM LENGTH (FT.)				BOOM LENGTH (FT.)			
197				216			
		33	291,000			33	238,000
		36	278,000			36	225,000
		40	264,000			40	214,000
		46	240,000			46	201,000
		53	209,000			53	190,000
		59	184,000			59	182,000
		66	161,000			66	160,000
All capacities above the parting line are based on structural strength, those below the line are based on stability for the percentage of tipping load as indicated.		72	144,600			72	143,000
		79	129,600			79	128,000
		85	118,000			85	116,400
		92	107,000			92	105,600
		98	99,000			98	97,000
		110	84,000			110	82,400
		125	69,600			125	68,000
		140	58,000			140	58,000
		150	52,800			150	52,000
		165	45,000			165	43,600
		180	40,000			180	38,000
						190	35,000
				8-29-01			
				4/6			
				A179			



TC 1200				O/R SPREAD 39'-4.4" SQ. (12 x 12 m)			
85 %				360°			
CAPACITIES (POUNDS) = LOAD + HOOK BLOCK							
MAIN BOOM ONLY (FT.)				99 TON CWT.			
		RADIUS	85 %			RADIUS	85 %
		(FT.)	RATED			(FT.)	RATED
BOOM LENGTH (FT.)				BOOM LENGTH (FT.)			
236		33	194,000	256		33	163,000
		36	187,200			36	156,600
		40	182,600			40	151,000
		46	171,800			46	141,600
		53	162,000			53	111,400
		59	154,000			59	124,600
		66	143,000			66	116,000
All capacities above the parting line are based on structural strength, those below the line are based on stability for the percentage of tipping load as indicated.		72	138,400			72	110,200
		79	127,000			79	103,400
		85	115,000			85	98,400
		92	104,000			92	92,600
		98	95,000			98	88,000
		110	82,000			110	79,000
		125	67,000			125	66,000
		140	56,000			140	55,000
		150	50,000			150	49,000
		165	42,600			165	41,000
		180	36,000			180	35,000
		190	33,000			190	32,000
		205	29,000			205	27,600
				8-29-01 5/6 A179		220	24,000
						230	22,000



		TC 1200				O/R SPREAD 39'-4.4" SQ. (12 x 12 m)	
		85 %		360°			
CAPACITIES (POUNDS) = LOAD + HOOK BLOCK							
MAIN BOOM ONLY (FT.)				99 TON CWT.			
		RADIUS	85 %			RADIUS	85 %
		(FT.)	RATED			(FT.)	RATED
BOOM LENGTH (FT.) 276				BOOM LENGTH (FT.) 295			
		36	132,400			36	116,800
		40	125,000			40	108,400
		46	116,000			46	101,400
		53	107,600			53	92,000
		59	100,200			59	84,800
		66	93,600			66	78,000
		72	88,000			72	73,400
		79	82,000			79	68,000
		85	77,600			85	64,000
		92	73,200			92	59,000
All capacities above the parting line are based on structural strength, those below the line are based on stability for the percentage of tipping load as indicated.		98	69,600			98	56,000
		110	62,000			110	49,600
		125	55,600			125	43,000
		140	49,000			140	36,400
		150	45,400			150	34,000
		165	40,600			165	31,200
		180	34,000			180	26,000
		190	30,600			190	23,400
		205	26,000			205	20,200
		220	23,000			220	17,000
		230	20,400	2-29-01		230	15,600
				6/6			
				A140			



75 %	TC 1200							360°		
	LUFFING FLY JIB ANGLE OF MAIN BOOM 88°							39'-4.4" (12 x 12 m)		
RADIUS (FT.)	CAPACITIES (POUNDS) = LOAD + HOOK BLOCK									
	MAIN BOOM (FT.)							99 TON CWT.		
	98'-5.1" (30m)									
	JIB (FT.)									
	59'-1"	78'-9"	98'-5"	118'-1"	137'-9"	157'-6"	177'-2"	196'-10"	216'-6"	
	32'-10"	220,000								
	39'-4"	207,000	180,400							
	45'-11"	195,400	170,200	143,600	113,200					
	52'-6"	185,800	160,000	137,400	110,600	88,200				
	59'-1"	160,600	150,600	131,400	108,000	87,400	67,600			
65'-7"	139,200	143,200	126,000	105,000	86,600	66,600	50,400			
72'-7"		126,800	120,600	102,200	85,800	65,000	49,800	41,400	34,200	
78'-9"		112,800	111,600	99,400	84,600	63,800	48,600	40,200	33,000	
85'-0"		101,800	100,400	96,200	83,800	62,400	47,400	38,800	31,800	
91'-10"			91,200	90,400	82,600	61,000	46,600	37,800	30,800	
98'-5"			83,600	82,400	81,400	60,000	45,400	36,600	29,200	
111'-7"				70,400	69,000	57,200	43,200	34,200	27,000	
124'-8"				61,000	59,800	54,400	41,000	32,000	24,600	
137'-9"					52,800	51,800	40,200	29,600	22,600	
150'-11"						46,200	37,000	27,600	20,600	
164'-0"						41,400	34,800	25,800	18,600	
177'-2"							33,000	24,400	16,800	
190'-3"								22,800	15,400	
203'-5"								21,400	14,200	
216'-6"										
229'-8"										
242'-9"										
255'-11"										
								7-8-01		
								3/11		
								A150		
						195652 40 2				



75 %	TC 1200 LUFFING FLY JIB ANGLE OF MAIN BOOM 88°								360°
									39'-4.4" (12 x 12 m)
RADIUS (FT.)	CAPACITIES (POUNDS) = LOAD + HOOK BLOCK								
	MAIN BOOM (FT.)								99 TON CWT.
	118'-1.3" (36m)								
	JIB (FT.)								
	59'-1"	78'-9"	98'-5"	118'-1"	137'-9"	157'-6"	177'-2"	196'-10"	216'-6"
32'-10"	199,200								
38'-4"	190,600	166,400							
45'-11"	181,000	156,400	132,000						
52'-6"	171,800	148,200	127,200	103,000	82,600				
58'-1"	163,200	140,800	122,400	100,800	82,000	64,400			
65'-7"	141,200	133,800	117,800	98,400	81,400	63,200	49,600		
72'-7"	124,200	126,400	113,600	95,800	80,200	62,200	48,800	40,000	32,400
78'-9"		112,600	109,000	93,400	79,400	61,200	47,800	38,800	31,600
85'-0"		101,400	100,000	90,800	78,400	60,000	46,800	38,000	30,400
91'-10"			90,800	88,000	77,400	58,800	45,800	36,800	29,600
98'-5"			83,000	82,200	76,000	58,000	44,800	36,000	28,600
111'-7"				69,800	68,800	55,600	43,000	34,000	24,800
124'-8"				60,800	59,600	53,600	41,200	32,000	22,800
137'-9"					52,200	51,400	39,200	30,000	20,800
150'-11"						45,600	37,400	28,000	18,800
164'-0"						41,000	35,400	24,400	16,800
177'-2"							33,400	22,800	15,400
190'-3"								21,400	14,200
203'-5"									
216'-6"									
229'-8"									
242'-9"									
255'-11"									
									7-8-01
									4/11
									A150
						195652 40 2			



75 %	TC 1200							360°	
	LUFFING FLY JIB ANGLE OF MAIN BOOM 88°							39'-4.4" (12 x 12 m)	
RADIUS (FT.)	CAPACITIES (POUNDS) = LOAD + HOOK BLOCK								
	MAIN BOOM (FT.)							99 TON CWT.	
	137'-9.5" (42m)								
	JIB (FT.)								
	59'-1"	78'-9"	98'-5"	118'-1"	137'-9"	157'-6"	177'-2"	196'-10"	216'-6"
32'-10"									
39'-4"		149,600							
45'-11"		143,200	119,800						
52'-6"		137,000	116,000	95,200	76,400				
59'-1"		131,000	112,400	93,400	75,800	60,600			
65'-7"		125,800	108,600	91,400	75,000	60,000	47,800		
72'-7"		120,200	105,000	89,200	74,000	58,800	47,200	38,000	
78'-9"		112,600	101,800	87,400	73,000	58,000	46,600	37,400	
85'-0"		101,400	98,200	85,200	72,200	57,200	45,800	36,200	
91'-10"		92,000	91,000	83,000	71,200	56,400	45,200	35,400	
98'-5"			83,200	80,800	70,000	55,600	44,400	34,400	
111'-7"				70,000	67,800	53,600	42,600	33,000	
124'-8"				61,000	60,000	52,000	40,600	31,000	
137'-9"					52,800	50,200	39,000	29,400	
150'-11"						48,400	37,400	27,600	
164'-0"						46,400	35,200	26,400	
177'-2"							33,200	25,000	
190'-3"								24,200	
203'-5"								23,000	
216'-6"									
229'-8"									
242'-9"									
255'-11"									
								7-8-01	
								5/11	
								A150	
						195652 40 3			



75 %	TC 1200								360°
	LUFFING FLY JIB ANGLE OF MAIN BOOM 88°								39'-4.4" (12 x 12 m)
RADIUS (FT.)	CAPACITIES (POUNDS) = LOAD + HOOK BLOCK								
	MAIN BOOM (FT.) 99 TON CWT.								
	157'-5.7" (48m)								
	JIB (FT.)								
	59'-1"	78'-9"	98'-5"	118'-1"	137'-9"	157'-6"	177'-2"	196'-10"	216'-6"
32'-10"									
39'-4"		134,200							
45'-11"		129,000	108,800						
52'-6"		123,800	106,000	87,000					
59'-1"		119,000	102,800	85,200	69,400	57,200			
65'-7"		114,400	99,800	83,800	68,800	56,400	45,200		
72'-7"		110,000	97,000	82,000	68,200	55,600	45,000	35,800	
78'-9"		105,600	93,800	80,200	67,200	55,200	44,600	35,200	27,600
85'-0"		101,400	91,000	78,400	66,400	54,400	44,200	34,200	27,000
91'-10"		92,000	88,200	76,600	65,400	53,800	43,600	33,600	26,000
98'-5"			83,000	75,000	64,600	53,200	42,800	33,000	25,000
111'-7"			71,000	69,800	62,400	51,600	41,800	31,600	23,800
124'-8"				60,600	59,600	50,000	40,200	30,200	22,600
137'-9"					52,400	48,000	38,400	29,000	21,200
150'-11"						46,200	36,600	27,400	20,000
164'-0"						41,200	34,800	26,000	18,600
177'-2"							33,000	24,600	17,200
190'-3"								23,000	16,000
203'-5"								21,400	14,600
216'-6"									13,400
229'-8"									
242'-9"									
255'-11"									
								7-8-01	
								6/11	
								A150	
						195652 40 3			



75 %	TC 1200							360°		
	LUFFING FLY JIB ANGLE OF MAIN BOOM 88°							39'-4.4" (12 x 12 m)		
RADIUS (FT.)	CAPACITIES (POUNDS) = LOAD + HOOK BLOCK									
	MAIN BOOM (FT.)							99 TON CWT.		
	177'-2" (54m)									
	JIB (FT.)									
	59'-1"	78'-9"	98'-5"	118'-1"	137'-9"	157'-6"	177'-2"	196'-10"	216'-6"	
	32'-10"									
	39'-4"	124,000								
	45'-11"	120,200	100,000							
	52'-6"	116,800	97,800	81,800						
	59'-1"	113,200	95,600	80,200	64,400	53,000				
65'-7"	109,600	93,600	78,800	63,400	52,400	42,200				
72'-7"	106,200	91,400	77,600	62,800	51,800	41,800	33,800			
78'-9"	102,600	89,000	76,000	62,400	51,200	41,200	33,400	27,000		
85'-0"	99,200	87,200	74,400	61,600	50,800	40,800	33,200	26,600		
91'-10"	91,800	84,800	73,200	60,800	50,200	40,600	32,600	25,800		
98'-5"		82,400	71,800	60,200	49,600	40,000	32,200	25,200		
111'-7"		70,800	69,800	58,400	48,600	39,600	31,400	24,600		
124'-8"			60,600	56,600	47,400	38,600	30,400	23,400		
137'-9"				52,400	46,200	38,000	29,400	22,200		
150'-11"					43,600	36,600	28,200	20,800		
164'-0"					41,200	35,600	27,200	19,800		
177'-2"						34,000	25,800	18,400		
190'-3"							24,400	17,000		
203'-5"							22,800	15,800		
216'-6"								14,400		
229'-8"										
242'-9"										
255'-11"										
							7-8-01			
							7/11			
							A150			
						195652 40 4				



75 %	TC 1200							360°		
	LUFFING FLY JIB ANGLE OF MAIN BOOM 88°							39'-4.4" (12 x 12 m)		
RADIUS (FT.)	CAPACITIES (POUNDS) = LOAD + HOOK BLOCK									
	MAIN BOOM (FT.)							99 TON CWT.		
	255'-10.9" (78m)									
	JIB (FT.)									
	59'-1"	78'-9"	98'-5"	118'-1"	137'-9"	157'-6"	177'-2"	196'-10"	216'-6"	
	32'-10"									
	39'-4"									
	45'-11"									
	52'-6"		54,400	47,600						
	59'-1"		54,200	47,000	39,600					
	65'-7"		53,800	46,400	39,000	32,000				
	72'-7"		53,400	46,200	38,600	31,800	26,600	22,000		
	78'-9"		52,800	45,600	38,200	31,600	26,600	21,600	18,000	
	85'-0"		52,000	45,400	38,000	31,600	26,400	21,400	18,000	
	91'-10"		51,400	45,000	37,600	31,400	26,000	21,200	17,800	
	98'-5"		49,800	44,200	37,400	31,400	25,800	21,000	17,600	
	111'-7"		48,400	43,000	36,400	31,200	25,800	20,800	17,200	
	124'-8"			41,200	35,600	30,800	25,600	20,600	17,000	
	137'-9"				34,000	30,000	25,400	20,400	17,000	
	150'-11"				32,600	29,200	24,800	20,200	16,800	
164'-0"					28,000	24,200	20,000	16,600		
177'-2"						23,200	19,200	16,200		
190'-3"						22,400	18,800	15,800		
203'-5"							18,000	14,800		
216'-6"								14,000		
229'-8"										
242'-9"										
255'-11"										
							7-8-01			
							11/11			
							A150			
						195652 40 6				



308 TON

Lattice Boom Truck Crane



39' to 295' Main Boom
59' to 216' Luffing Jib

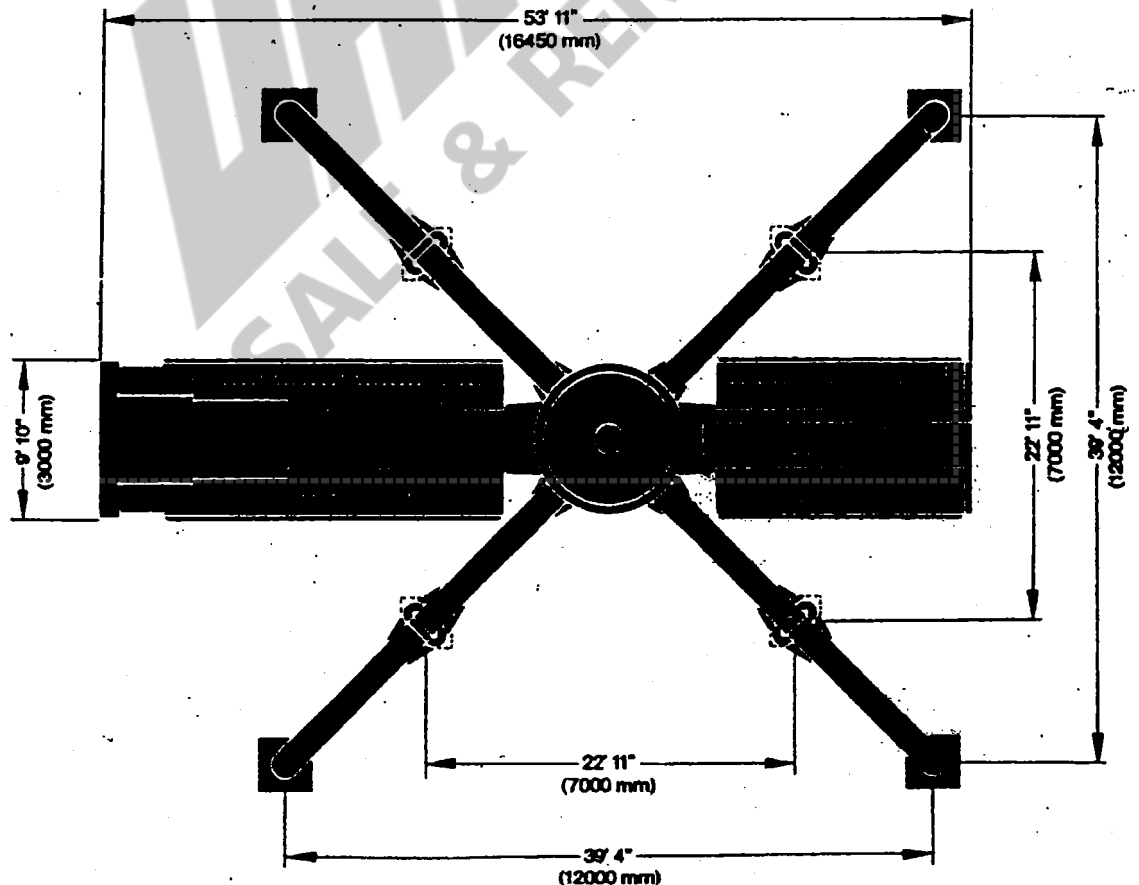
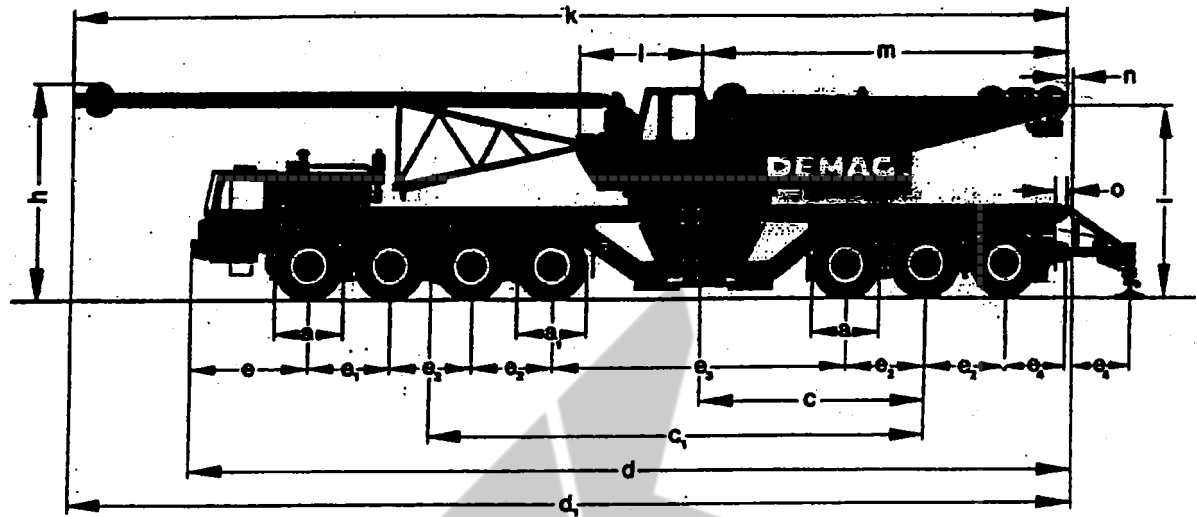
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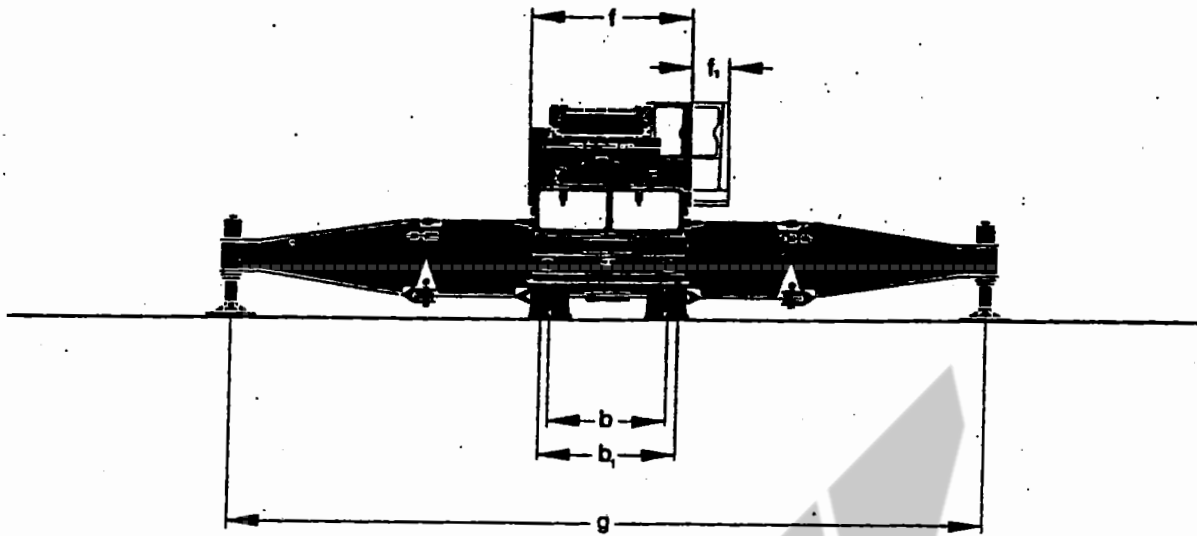


DEMAG Baumaschinen 308 Ton Cap.

Basic Machine



DEMAG Baumaschinen 308 Ton Cap.



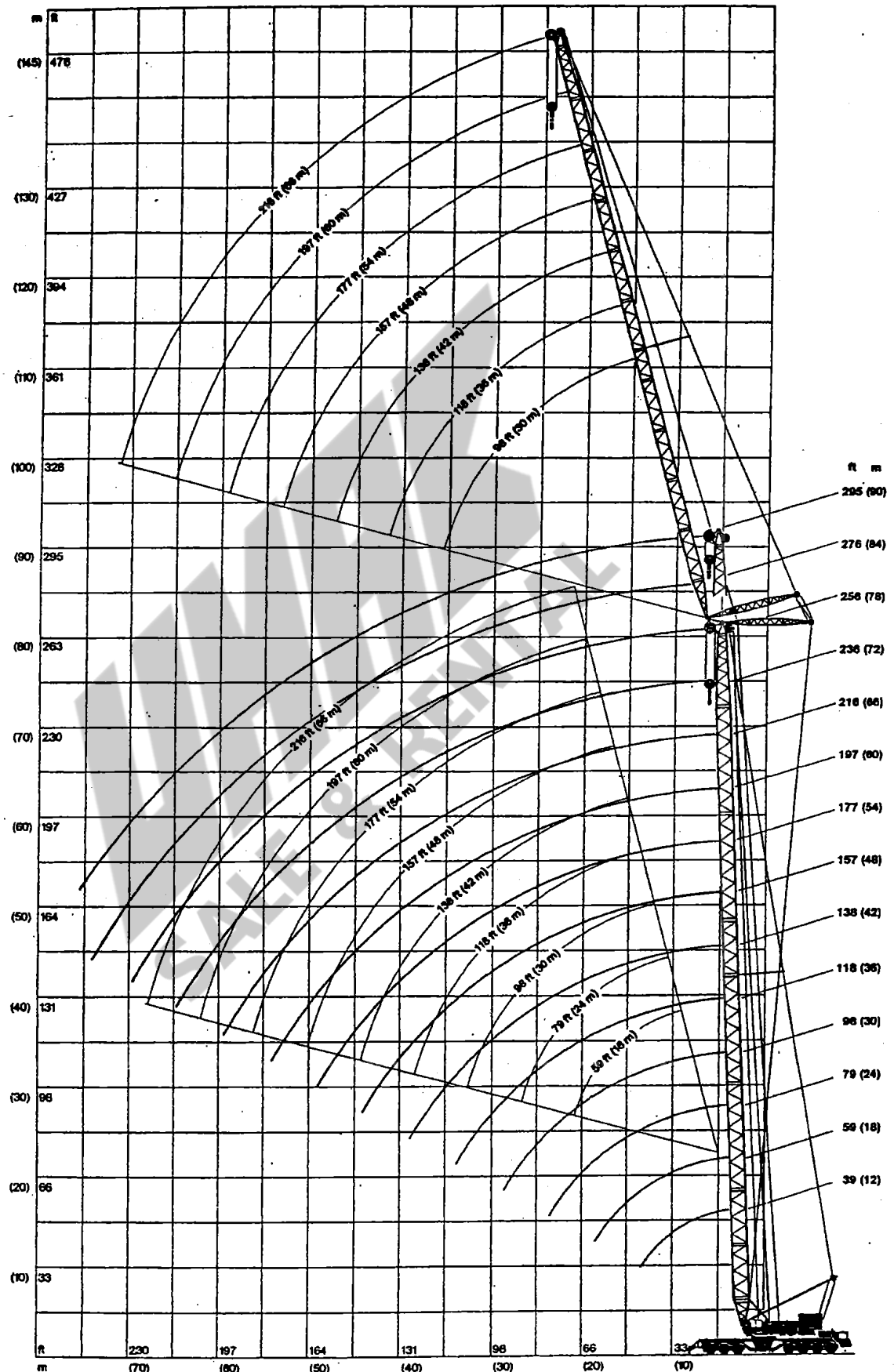
a	14.00 - 24, PR 22	d	54' 9" (16 710 mm)	e ₄	3' (1 150 mm)	k	61' 4" (18 700 mm)
a ₁	12.00 - 24, PR 20	d ₁	62' 2" (18 950 mm)	f	9' 10" (3 000 mm)	l	7' 2" (2 200 mm)
b	7' 1" (2 170 mm*)	e	8' (2 450 mm)	f ₁	2' 4" (700 mm)	m	22' (6 710 mm)
b ₁	8' 5" (2 503 mm)	e ₁	5' 3" (1 600 mm)	g	39' 4" (12 000 mm)	n	10" (250 mm)
c	13' 9" (4 200 mm)	e ₂	4' 11" (1 500 mm)	h	12' 11" (3 950 mm)	o	6" (150 mm)
c ₁	30' (9 150 mm)	e ₃	17' 8" (5 400 mm)	i	11' 2" (3 600 mm)		

* 4th Front Axle

Truck Carrier

Engine	KHD BF 12 L 413
System	12 cyl.-4 strokes
Output at 2500 RPM	310 kW (420 HP)
Cooling	air
Fuel-Tank Capacity	80 gal. (300 liters)
Transmission	12-Speed Main Transmission plus 2-Speed Transfer Case
Carrier	14 x 8
Suspension	
Front	1st and 2nd Axles: Leaf springs; 3rd and 4 th = Hydraulic suspension
Rear	1st and 2nd Axles = Walking Beams, 3rd = Hydraulic suspension
Outriggers	4 articulated dismountable outrigger beams with hydraulic jack legs

DEMAG Baumaschinen 308 Ton Cap.



TC 1200				O/R SPREAD 39'-4.4" SQ. (12 x 12 m)			
85 %				360°			
CAPACITIES (POUNDS) = LOAD + HOOK BLOCK							
MAIN BOOM ONLY (FT.)				99 TON CWT.			
		RADIUS	85 %			RADIUS	85 %
		(FT.)	RATED			(FT.)	RATED
BOOM LENGTH (FT.) 39	20	616,000	BOOM LENGTH (FT.) 79	23	550,000		
	23	550,000		26	503,000		
	26	506,000		30	425,000		
	30	430,000		33	382,000		
	33	386,000		36	344,000		
	36	353,000		40	306,000		
	40	312,000		46	260,000		
	All capacities above the parting line are based on structural strength, those below the line are based on stability for the percentage of tipping load as indicated.			53	220,000		
59				196,000			
66				177,000			
72				156,000			
BOOM LENGTH (FT.) 59	20	616,000	BOOM LENGTH (FT.) 98	23	550,000		
	23	550,000		26	498,000		
	26	504,000		30	422,000		
	30	427,000		33	378,000		
	33	384,000		36	342,000		
	36	348,400		40	304,000		
	40	307,000		46	258,000		
	46	262,000		53	217,000		
	53	224,000		59	193,000		
	59	198,000		66	169,000		
			8-28-01	72	153,000		
			1/6	79	137,000		
			A179	85	127,000		
				92	116,000		



TC 1200				O/R SPREAD 39'-4.4" SQ. (12 x 12 m)			
85 %				360°			
CAPACITIES (POUNDS) = LOAD + HOOK BLOCK							
MAIN BOOM ONLY (FT.)				99 TON CWT.			
		RADIUS	85 %			RADIUS	85 %
		(FT.)	RATED			(FT.)	RATED
BOOM LENGTH (FT.) 118				BOOM LENGTH (FT.) 138			
	23		510,000				
	26		472,000		26		436,000
	30		422,000		30		408,000
	33		380,000		33		376,000
		36	340,000			36	337,600
		40	300,000			40	297,000
		46	255,000			46	253,000
All capacities above the parting line are based on structural strength, those below the line are based on stability for the percentage of tipping load as indicated.	53		217,000			53	213,000
	59		190,800			59	189,000
	66		168,000			66	166,000
	72		151,000			72	150,000
	79		136,000			79	134,000
	85		125,000			85	122,000
	92		114,000			92	112,000
	98		106,000			98	103,000
						110	89,000
						125	75,000



TC 1200				O/R SPREAD 39'-4.4" SQ. (12 x 12 m)			
85 %				360°			
CAPACITIES (POUNDS) = LOAD + HOOK BLOCK							
MAIN BOOM ONLY (FT.)				99 TON CWT			
		RADIUS	85 %			RADIUS	85 %
		(FT.)	RATED			(FT.)	RATED
BOOM LENGTH (FT.)				BOOM LENGTH (FT.)			
197				216			
		33	291,000			33	238,000
		36	278,000			36	225,000
		40	264,000			40	214,000
		46	240,000			46	201,000
		53	209,000			53	190,000
		59	184,000			59	182,000
		66	161,000			66	160,000
All capacities above the parting line are based on structural strength, those below the line are based on stability for the percentage of tipping load as indicated.		72	144,600			72	143,000
		79	129,600			79	128,000
		85	118,000			85	116,400
		92	107,000			92	105,600
		98	99,000			98	97,000
		110	84,000			110	82,400
		125	69,600			125	68,000
		140	58,000			140	58,000
	150	52,800			150	52,000	
	165	45,000			165	43,600	
	180	40,000			180	38,000	
			8-29-01		190	35,000	
			4/6				
			A179				



TC 1200				O/R SPREAD 39'-4.4" SQ. (12 x 12 m)			
85 %				360°			
CAPACITIES (POUNDS) = LOAD + HOOK BLOCK							
MAIN BOOM ONLY (FT.)				99 TON CWT.			
		RADIUS	85 %			RADIUS	85 %
		(FT.)	RATED			(FT.)	RATED
BOOM LENGTH (FT.)				BOOM LENGTH (FT.)			
236		33	194,000	256		33	163,000
		36	187,200			36	156,600
		40	182,600			40	151,000
		46	171,800			46	141,600
		53	162,000			53	111,400
		59	154,000			59	124,600
		66	143,000			66	116,000
All capacities above the parting line are based on structural strength, those below the line are based on stability for the percentage of tipping load as indicated.		72	138,400			72	110,200
		79	127,000			79	103,400
		85	115,000			85	98,400
		92	104,000			92	92,600
		98	95,000			98	88,000
		110	82,000			110	79,000
		125	67,000			125	66,000
		140	56,000			140	55,000
		150	50,000			150	49,000
		165	42,600			165	41,000
		180	36,000			180	35,000
		190	33,000			190	32,000
		205	29,000			205	27,600
				8-29-01		220	24,000
				5/6		230	22,000
				A179			



		TC 1200				O/R SPREAD 39'-4.4" SQ. (12 x 12 m)	
		85 %		360°			
CAPACITIES (POUNDS) = LOAD + HOOK BLOCK							
MAIN BOOM ONLY (FT.)				99 TON CWT.			
		RADIUS	85 %			RADIUS	85 %
		(FT.)	RATED			(FT.)	RATED
BOOM LENGTH (FT.) 276				BOOM LENGTH (FT.) 295			
	36	132,400			36	116,800	
	40	125,000			40	108,400	
	46	116,000			46	101,400	
	53	107,600			53	92,000	
	59	100,200			59	84,800	
	66	93,600			66	78,000	
	72	88,000			72	73,400	
	79	82,000			79	68,000	
	85	77,600			85	64,000	
	92	73,200			92	59,000	
All capacities above the parting line are based on structural strength, those below the line are based on stability for the percentage of tipping load as indicated.	98	69,600			98	56,000	
	110	62,000			110	49,600	
	125	55,600			125	43,000	
	140	49,000			140	36,400	
	150	45,400			150	34,000	
	165	40,600			165	31,200	
	180	34,000			180	26,000	
	190	30,600			190	23,400	
	205	26,000			205	20,200	
	220	23,000			220	17,000	
	230	20,400		2-29-01		230	15,600
				6/6			
				A140			



75 %	TC 1200							360°		
	LUFFING FLY JIB ANGLE OF MAIN BOOM 88°							39'-4.4" (12 x 12 m)		
RADIUS (FT.)	CAPACITIES (POUNDS) = LOAD + HOOK BLOCK									
	MAIN BOOM (FT.)							99 TON CWT.		
	98'-5.1" (30m)									
	JIB (FT.)									
	59'-1"	78'-9"	98'-5"	118'-1"	137'-9"	157'-6"	177'-2"	196'-10"	216'-6"	
	32'-10"	220,000								
	39'-4"	207,000	180,400							
	45'-11"	195,400	170,200	143,600	113,200					
	52'-6"	185,800	160,000	137,400	110,600	88,200				
	59'-1"	160,600	150,600	131,400	108,000	87,400	67,600			
65'-7"	139,200	143,200	126,000	105,000	86,600	66,600	50,400			
72'-7"		126,800	120,600	102,200	85,800	65,000	49,800	41,400	34,200	
78'-9"		112,800	111,600	99,400	84,600	63,800	48,600	40,200	33,000	
85'-0"		101,800	100,400	96,200	83,800	62,400	47,400	38,800	31,800	
91'-10"			91,200	90,400	82,600	61,000	46,600	37,800	30,800	
98'-5"			83,600	82,400	81,400	60,000	45,400	36,600	29,200	
111'-7"				70,400	69,000	57,200	43,200	34,200	27,000	
124'-8"				61,000	59,800	54,400	41,000	32,000	24,600	
137'-9"					52,800	51,800	40,200	29,600	22,600	
150'-11"						46,200	37,000	27,600	20,600	
164'-0"						41,400	34,800	25,800	18,600	
177'-2"							33,000	24,400	16,800	
190'-3"								22,800	15,400	
203'-5"								21,400	14,200	
216'-6"										
229'-8"										
242'-9"										
255'-11"										
								7-8-01		
								3/11		
								A150		
						195652 40 2				



75 %	TC 1200 LUFFING FLY JIB ANGLE OF MAIN BOOM 88°								360°
									39'-4.4" (12 x 12 m)
RADIUS (FT.)	CAPACITIES (POUNDS) = LOAD + HOOK BLOCK								
	MAIN BOOM (FT.)								99 TON CWT.
	118'-1.3" (36m)								
	JIB (FT.)								
	59'-1"	78'-9"	98'-5"	118'-1"	137'-9"	157'-6"	177'-2"	196'-10"	216'-6"
32'-10"	199,200								
38'-4"	190,600	166,400							
45'-11"	181,000	156,400	132,000						
52'-6"	171,800	148,200	127,200	103,000	82,600				
58'-1"	163,200	140,800	122,400	100,800	82,000	64,400			
65'-7"	141,200	133,800	117,800	98,400	81,400	63,200	49,600		
72'-7"	124,200	126,400	113,600	95,800	80,200	62,200	48,800	40,000	32,400
78'-9"		112,600	109,000	93,400	79,400	61,200	47,800	38,800	31,600
85'-0"		101,400	100,000	90,800	78,400	60,000	46,800	38,000	30,400
91'-10"			90,800	88,000	77,400	58,800	45,800	36,800	29,600
98'-5"			83,000	82,200	76,000	58,000	44,800	36,000	28,600
111'-7"				69,800	68,800	55,600	43,000	34,000	24,800
124'-8"				60,800	59,600	53,600	41,200	32,000	22,800
137'-9"					52,200	51,400	39,200	30,000	20,800
150'-11"						45,600	37,400	28,000	18,800
164'-0"						41,000	35,400	24,400	16,800
177'-2"							33,400	22,800	15,400
190'-3"								21,400	14,200
203'-5"									
216'-6"									
229'-8"									
242'-9"									
255'-11"									
									7-8-01
									4/11
									A150
						195652 40 2			



75 %	TC 1200							360°	
	LUFFING FLY JIB ANGLE OF MAIN BOOM 88°							39'-4.4" (12 x 12 m)	
RADIUS (FT.)	CAPACITIES (POUNDS) = LOAD + HOOK BLOCK								
	MAIN BOOM (FT.)							99 TON CWT.	
	137'-9.5" (42m)								
	JIB (FT.)								
	59'-1"	78'-9"	98'-5"	118'-1"	137'-9"	157'-6"	177'-2"	196'-10"	216'-6"
32'-10"									
39'-4"		149,600							
45'-11"		143,200	119,800						
52'-6"		137,000	116,000	95,200	76,400				
59'-1"		131,000	112,400	93,400	75,800	60,600			
65'-7"		125,800	108,600	91,400	75,000	60,000	47,800		
72'-7"		120,200	105,000	89,200	74,000	58,800	47,200	38,000	
78'-9"		112,600	101,800	87,400	73,000	58,000	46,600	37,400	
85'-0"		101,400	98,200	85,200	72,200	57,200	45,800	36,200	
91'-10"		92,000	91,000	83,000	71,200	56,400	45,200	35,400	
98'-5"			83,200	80,800	70,000	55,600	44,400	34,400	
111'-7"				70,000	67,800	53,600	42,600	33,000	
124'-8"				61,000	60,000	52,000	40,600	31,000	
137'-9"					52,800	50,200	39,000	29,400	
150'-11"						48,400	37,400	27,600	
164'-0"						46,400	35,200	26,400	
177'-2"							33,200	25,000	
190'-3"								24,200	
203'-5"								23,000	
216'-6"									
229'-8"									
242'-9"									
255'-11"									
								7-8-01	
								5/11	
								A150	
						195652 40 3			



75 %	TC 1200							360°	
	LUFFING FLY JIB ANGLE OF MAIN BOOM 88°							39'-4.4" (12 x 12 m)	
RADIUS (FT.)	CAPACITIES (POUNDS) = LOAD + HOOK BLOCK								
	MAIN BOOM (FT.)							99 TON CWT.	
	157'-5.7" (48m)								
	JIB (FT.)								
	59'-1"	78'-9"	98'-5"	118'-1"	137'-9"	157'-6"	177'-2"	196'-10"	216'-6"
	32'-10"								
	39'-4"		134,200						
	45'-11"		129,000	108,800					
	52'-6"		123,800	106,000	87,000				
	59'-1"		119,000	102,800	85,200	69,400	57,200		
	65'-7"		114,400	99,800	83,800	68,800	56,400	45,200	
	72'-7"		110,000	97,000	82,000	68,200	55,600	45,000	35,800
	78'-9"		105,600	93,800	80,200	67,200	55,200	44,600	35,200
	85'-0"		101,400	91,000	78,400	66,400	54,400	44,200	34,200
	91'-10"		92,000	88,200	76,600	65,400	53,800	43,600	33,600
	98'-5"			83,000	75,000	64,600	53,200	42,800	33,000
	111'-7"			71,000	69,800	62,400	51,600	41,800	31,600
	124'-8"				60,600	59,600	50,000	40,200	30,200
	137'-9"					52,400	48,000	38,400	29,000
	150'-11"						46,200	36,600	27,400
164'-0"						41,200	34,800	26,000	
177'-2"							33,000	24,600	
190'-3"								23,000	
203'-5"								21,400	
216'-6"								13,400	
229'-8"									
242'-9"									
255'-11"									
								7-8-01	
								6/11	
								A150	
						195652 40 3			



75 %	TC 1200							360°		
	LUFFING FLY JIB ANGLE OF MAIN BOOM 88°							39'-4.4" (12 x 12 m)		
RADIUS (FT.)	CAPACITIES (POUNDS) = LOAD + HOOK BLOCK									
	MAIN BOOM (FT.)							99 TON CWT.		
	177'-2" (54m)									
	JIB (FT.)									
	59'-1"	78'-9"	98'-5"	118'-1"	137'-9"	157'-6"	177'-2"	196'-10"	216'-6"	
	32'-10"									
	39'-4"	124,000								
	45'-11"	120,200	100,000							
	52'-6"	116,800	97,800	81,800						
	59'-1"	113,200	95,600	80,200	64,400	53,000				
65'-7"	109,600	93,600	78,800	63,400	52,400	42,200				
72'-7"	106,200	91,400	77,600	62,800	51,800	41,800	33,800			
78'-9"	102,600	89,000	76,000	62,400	51,200	41,200	33,400	27,000		
85'-0"	99,200	87,200	74,400	61,600	50,800	40,800	33,200	26,600		
91'-10"	91,800	84,800	73,200	60,800	50,200	40,600	32,600	25,800		
98'-5"		82,400	71,800	60,200	49,600	40,000	32,200	25,200		
111'-7"		70,800	69,800	58,400	48,600	39,600	31,400	24,600		
124'-8"			60,600	56,600	47,400	38,600	30,400	23,400		
137'-9"				52,400	46,200	38,000	29,400	22,200		
150'-11"					43,600	36,600	28,200	20,800		
164'-0"					41,200	35,600	27,200	19,800		
177'-2"						34,000	25,800	18,400		
190'-3"							24,400	17,000		
203'-5"							22,800	15,800		
216'-6"								14,400		
229'-8"										
242'-9"										
255'-11"										
							7-8-01			
							7/11			
							A150			
						195652 40 4				



75 %	TC 1200							360°		
	LUFFING FLY JIB ANGLE OF MAIN BOOM 88°							39'-4.4" (12 x 12 m)		
RADIUS (FT.)	CAPACITIES (POUNDS) = LOAD + HOOK BLOCK									
	MAIN BOOM (FT.)							99 TON CWT.		
	255'-10.9" (78m)									
	JIB (FT.)									
	59'-1"	78'-9"	98'-5"	118'-1"	137'-9"	157'-6"	177'-2"	196'-10"	216'-6"	
	32'-10"									
	39'-4"									
	45'-11"									
	52'-6"		54,400	47,600						
	59'-1"		54,200	47,000	39,600					
	65'-7"		53,800	46,400	39,000	32,000				
	72'-7"		53,400	46,200	38,600	31,800	26,600	22,000		
	78'-9"		52,800	45,600	38,200	31,600	26,600	21,600	18,000	
	85'-0"		52,000	45,400	38,000	31,600	26,400	21,400	18,000	
	91'-10"		51,400	45,000	37,600	31,400	26,000	21,200	17,800	
	98'-5"		49,800	44,200	37,400	31,400	25,800	21,000	17,600	
	111'-7"		48,400	43,000	36,400	31,200	25,800	20,800	17,200	
	124'-8"			41,200	35,600	30,800	25,600	20,600	17,000	
	137'-9"				34,000	30,000	25,400	20,400	17,000	
	150'-11"				32,600	29,200	24,800	20,200	16,800	
164'-0"					28,000	24,200	20,000	16,600		
177'-2"						23,200	19,200	16,200		
190'-3"						22,400	18,800	15,800		
203'-5"							18,000	14,800		
216'-6"								14,000		
229'-8"										
242'-9"										
255'-11"										
							7-B-01			
							11/11			
							A150			
						195652 40 6				





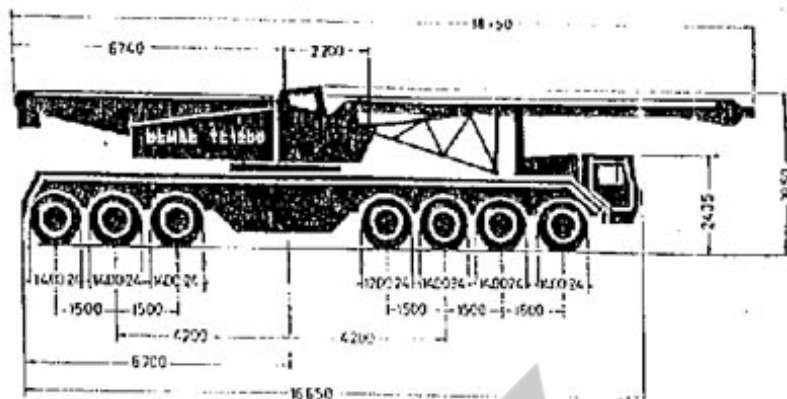
**Autokran
TC 1200
Truck Crane
Grue sur camion**

UNAR
SALE & RENTAL

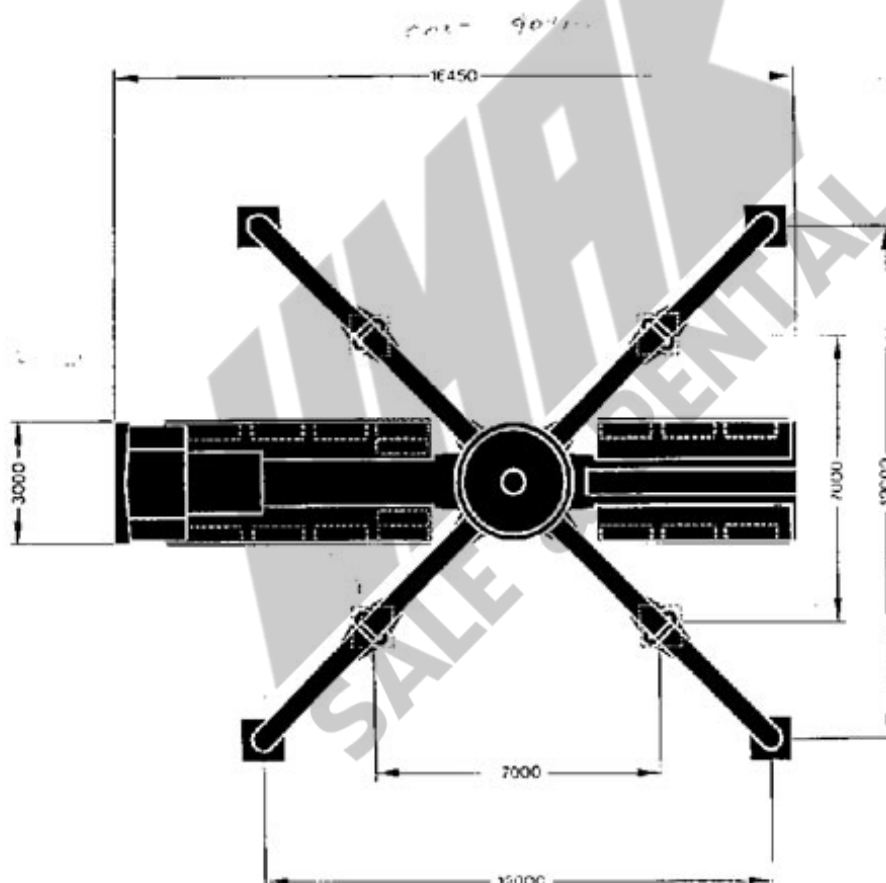
DEMAG
Baumaschinen

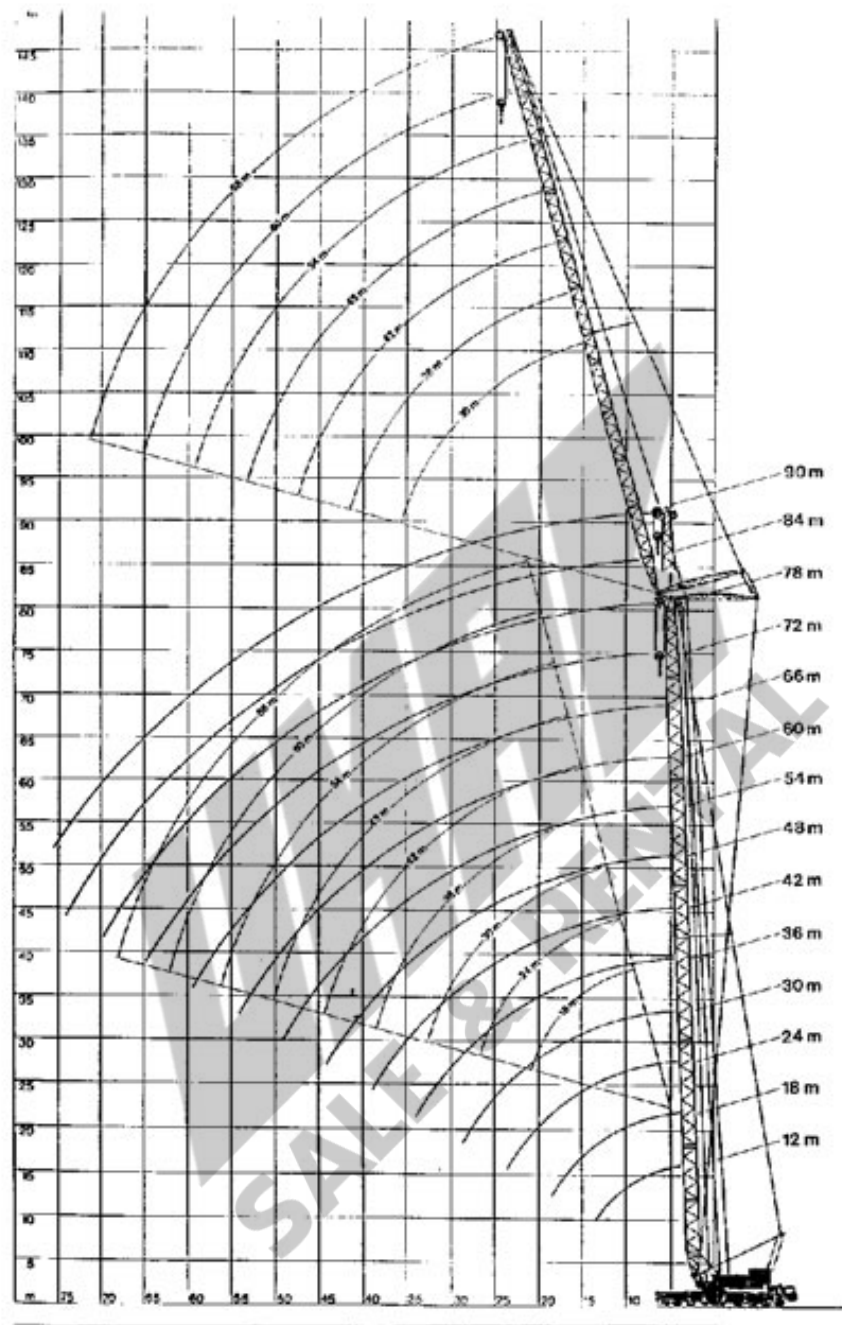
DEMAG TC 1200

Baumaschinen



Anchura en transporte: 3 m.
 Base de apoyo: 10 x 10 m.
 Peso de la máquina base en servicio: 193 t.





DEMAG TC 1200

Baumaschinen

Plumín

El montaje del plumín abatible es solamente posible sobre cabeza especial, pudiéndose montar el plumín fijo en cabeza de dobles poleas.

Longitud de la pluma (caso de montar plumín)

18 a 78 m.

Longitud del plumín

10 a 66 m.

Longitud de los tramos del plumín:

Plumín base

5,5 m.

Punta del plumín

5,5 m.

Cabeza del plumín

1,0 m.

Longitudes del plumín:

Longitud	Prolongaciones
66 m.	8 de 6 m. y 2 de 3 m.

Los apoyos tensores son necesarios para plumines a partir de 42 m.

Carga admisible

Máx. 100 t. para plumines de 18 m., dependiendo de la longitud de la pluma.

Máx. 8 t. para una longitud total de 144 m.

Ganchos

Carga	N.º de poleas	N.º de ramales
300 t.	13	26
100 t.	6	12
25/32 t.	2	3

DEMAG TC 1200

Baumaschinen

EQUIPO DE GRUA

Pluma

Longitud con cabeza de dobles poleas de 12 a 90 m.

Longitud con cabeza especial para plumín abatible de 12 a 90 m.
(en ambos casos sin plumín)

Longitud de la pluma base 3,5 m.

Longitud de la punta de pluma 7,3 m.

Longitud de la cabeza de dobles poleas 1,2 m.

Longitud de la cabeza especial 1,2 m.

Longitudes de pluma:

a) empleando prolongaciones de 9 m.

Longitud	Prolongaciones
90 m.	6 de 9 m. y 4 de 6 m.
78 m.	6 de 9 m. y 2 de 6 m.

b) empleando prolongaciones de 12 m.

Longitud	Prolongaciones
90 m.	5 de 12 m. y 3 de 6 m.
78 m.	4 de 12 m. y 3 de 6 m.

Los apoyos tensores son necesarios para plumas a partir de 48 m.

Carga admisible

Cabeza de dobles poleas:

Máx. 300 t. con plumas de 12 y 18 m.

Cabeza especial:

Máx. 40 t. con gancho de 100 t. (4 ramales).

Máx. 30 t. con gancho de 25/32 t. (3 ramales).

DEMAG TC 1200

Baumaschinen

SUPERESTRUCTURA

Accionamiento de los cabrestantes	Hidráulico por motor de pistones axiales y engranaje planetario.	
Mecanismo de elevación	Carga máx. del cable por ramal	10 t.
	Velocidad máx. del cable	90 m/min.
	Longitud del cable	750 m.
Mecanismo para abatir el plumín	Carga máx. del cable por ramal	9,2 t.
	Velocidad máx. del cable	43 m/min.
	Longitud del cable	365 m.
Mecanismo para abatir la pluma	Carga máx. del cable por ramal	10,7 t.
	Velocidad máx. del cable	36 m/min.
	Longitud del cable	475 m.
Motor	Deutz-Diesel tipo F 10 L 413 refrigerado por aire.	
Potencia	240 CV a 2.300 r. p. m.	
Equipo de doble bomba	Pistones axiales.	
Mecanismo de mando	Con válvulas de mando de precisión accionadas neumáticamente por una palanca manual.	
Corona de giro	Sistema de dobles rodillos.	
Cabina	Lateral y basculante hacia adelante para mejor visibilidad.	

85 % TC 1200 Pluma Capacidades de carga t. Base de apoyo 10 x 10 m. 360°

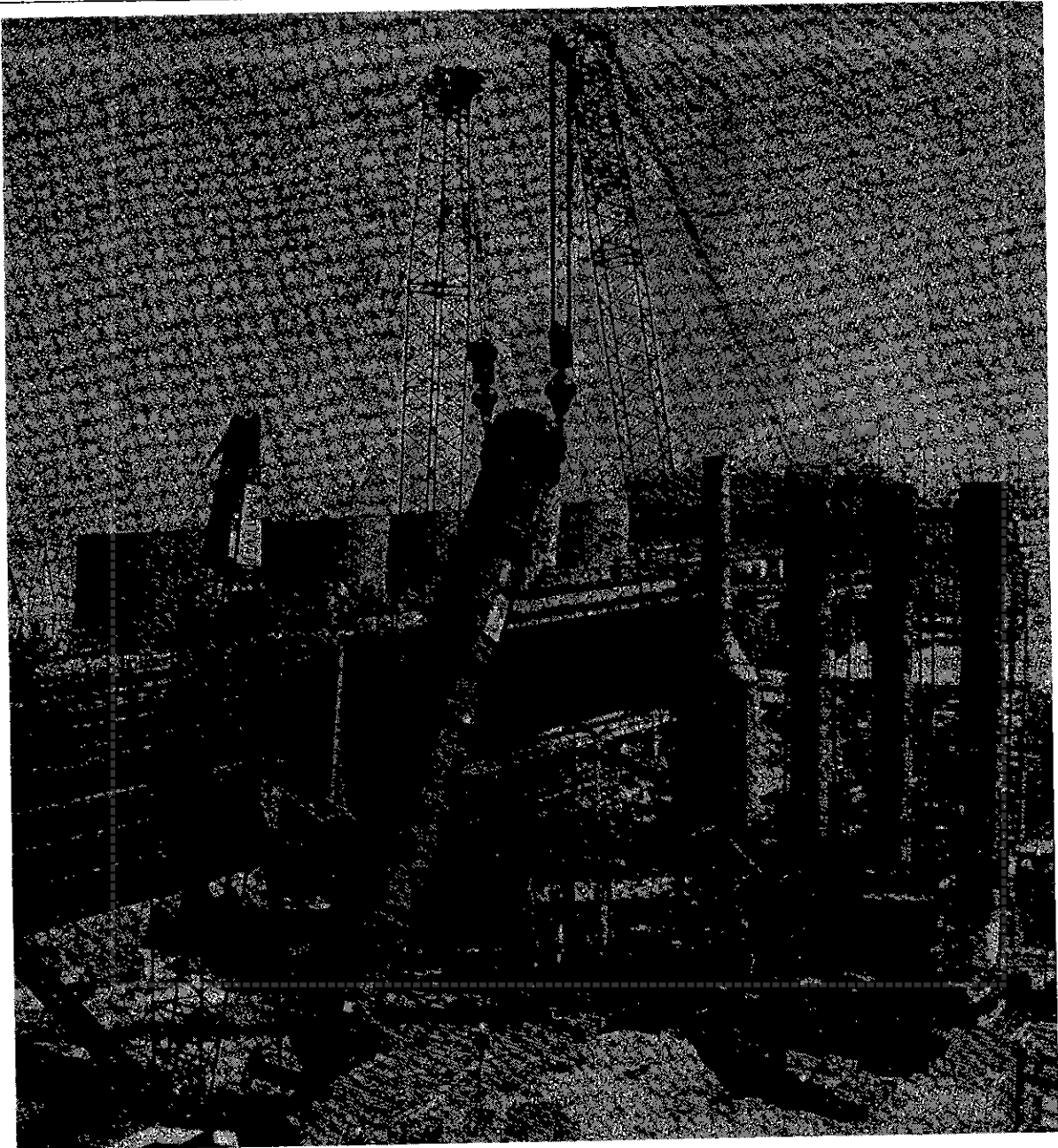
Radio	Longitud pluma m.										N. de ranuras																
	12	15	18	21	24	27	30	33	36	39	42	45	48	51	54	57	60	63	66	69	72	75	78	81	84	87	90
5	250	300	300																								
6	280	278		275	273																						
7	250	250	250	250	250	250	250																				
8	226	225	225	224	224	223	223	222	212																		
9	198	198	197	196	196	195	195	194	194	191	180																
10	177	176	176	175	175	174	174	173	173	173	172	172	171	159	148	138	127	117	113	102	95,0	88,0					
12	144	143	142	141	141	140	140	139	139	138	138	138	138	138	137	137	137	137	137	137	137	137	137	137	137	137	
14			119	119	118	117	117	116	116	115	115	115	115	115	114	114	113	113	101	92,0	84,0	78,0	71,0	64,0	58,0	53,0	50,0
16			101	100	99,7	99,3	99,0	98,7	98,3	98,0	97,7	97,4	97,1	96,9	96,7	96,4	96,1	95,8	87,0	80,0	74,0	67,0	60,0	54,0	48,0	45,0	42,0
18			84,5	84,1	83,6	83,3	82,9	82,5	82,1	81,7	81,4	81,1	80,8	80,5	80,3	80,0	79,7	79,4	79,2	76,0	70,0	63,0	56,0	51,0	45,0	42,0	39,0
20					71,9	71,4	71,0	70,8	70,2	69,8	69,5	69,1	68,8	68,5	68,3	68,0	67,7	67,4	67,1	66,6	66,0	59,0	53,0	48,0	42,0	38,0	35,0
22					63,0	62,5	62,0	61,5	61,2	60,8	60,4	60,0	59,7	59,4	59,2	58,8	58,5	58,2	57,9	55,2	53,0	51,0	50,0	45,0	40,0	36,0	33,0
24						55,9	55,4	54,9	54,4	54,0	53,6	53,2	52,9	52,5	52,2	52,0	51,6	51,3	51,0	50,7	50,5	50,3	49,8	47,0	42,0	37,0	34,0
26							49,2	49,0	48,2	47,8	47,4	47,1	46,7	46,3	46,1	45,7	45,4	45,1	44,8	44,6	44,4	44,0	43,7	39,0	35,0	32,0	29,0
28								44,6	44,0	43,5	43,0	42,6	42,3	41,9	41,6	41,3	41,0	40,6	40,3	40,0	39,8	39,6	39,2	36,8	36,0	33,0	30,0
30									39,6	39,2	38,7	38,3	37,9	37,5	37,3	37,0	36,6	36,3	35,9	35,7	35,5	35,1	34,7	33,0	31,0	28,0	25,0
32										37,4	37,0	36,6	36,2	35,8	35,4	35,0	34,6	34,2	33,8	33,4	33,0	32,6	32,2	31,8	28,0	25,0	22,0
34											32,8	32,4	32,0	31,6	31,3	30,9	30,5	30,2	29,8	29,5	29,2	28,8	28,5	28,3	26,0	23,0	20,0
36												27,8	27,4	27,0	26,6	26,3	25,9	25,5	25,2	24,8	24,4	24,0	23,6	23,3	22,6	21,0	19,0
38													23,2	22,8	22,5	22,0	21,6	21,2	20,9	20,6	20,4	20,0	19,6	19,3	19,0	18,0	17,0
40														19,5	19,1	18,7	18,3	17,9	17,6	17,4	17,0	16,6	16,3	16,0	15,5	15,0	14,0
42																16,3	15,9	15,5	15,2	14,9	14,5	14,1	13,7	13,4	13,1	12,9	12,0
44																	14,3	13,9	13,5	13,2	12,8	12,4	12,0	11,7	11,4	11,1	10,8
46																											
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66																											
68																											
70																											

Las capacidades de carga incluyen el peso del gancho
Carga máx. por ranal = 10,5 t.

75 %		TC 1200		Plumín abatible		Posición constante de la pluma 88°										Capacidades de carga t.		Base de apoyo 10 x 10 m.		360° con apoyos															
Pluma m.	Radio m.	Longitud plumín m.										Pluma	Radio m.	Longitud plumín m.										Pluma	Radio m.	Longitud plumín m.									
		18	24	30	36	42	48	54	60	66	18			24	30	36	42	48	54	60	66	18	24			30	36	42	48	54	60	66			
18	9	—	—	—	—	—	—	—	—	—	10	100	24	18	100	—	—	—	—	—	—	—	—	—	—	—	—	—							
	10	—	—	—	—	—	—	—	—	—	12	100		12	100	89.1	—	—	—	—	—	—	—	—	—	—	—	—							
	12	100	97.4	79.4	—	—	—	—	—	—	14	97.0		14	97.0	83.6	70.6	55.2	—	—	—	—	—	—	—	—	—	—							
	14	100	92.6	76.4	58.6	—	—	—	—	—	16	84.5		16	84.5	78.5	67.2	53.7	43.0	—	—	—	—	—	—	—	—	—							
	16	83.0	83.3	73.2	57.0	45.4	—	—	—	—	18	71.8		18	71.8	73.7	64.2	52.2	42.6	32.0	—	—	—	—	—	—	—	—							
	18	70.7	70.8	70.5	54.9	44.7	32.8	—	—	—	20	62.4		20	62.4	64.4	61.2	50.7	42.1	31.5	23.5	19.9	—	—	—	—	—	—							
	20	61.3	61.4	61.2	52.8	44.0	31.9	23.2	20.4	—	22	—		22	—	56.3	57.2	49.3	41.7	30.7	22.9	19.3	16.1	—	—	—	—	—							
	22	—	54.2	53.9	50.8	43.2	31.0	22.6	19.3	17.4	24	—		24	—	50.8	50.9	47.3	41.2	30.0	22.4	18.7	15.5	—	—	—	—	—							
	24	—	48.3	48.1	47.8	42.4	30.1	22.0	18.6	16.4	26	—		26	—	45.9	45.8	45.3	40.6	29.3	21.9	18.1	14.8	—	—	—	—	—							
	26	43.5	43.4	43.1	41.8	39.3	21.4	17.8	15.6	—	28	—		28	—	41.6	41.1	40.0	36.8	21.4	17.5	14.1	—	—	—	—	—	—	—						
36	28	—	—	39.4	39.1	38.5	28.6	20.8	17.0	14.6	30	—	30	—	38.1	37.5	37.0	27.9	20.8	16.9	13.5	—	—	—	—	—	—	—							
	30	—	—	36.1	35.8	35.3	27.6	20.3	16.1	13.9	32	—	32	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—							
	34	—	—	—	—	—	—	—	—	—	34	—	34	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—							
	36	—	—	—	—	—	—	—	—	—	38	—	38	—	27.9	27.2	25.2	19.7	14.7	11.2	—	—	—	—	—	—	—	—							
	38	—	—	—	—	—	—	—	—	—	42	—	42	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—							
	42	—	—	—	—	—	—	—	—	—	46	—	46	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—							
	46	—	—	—	—	—	—	—	—	—	50	—	50	—	18.9	18.8	18.9	15.8	11.8	8.4	—	—	—	—	—	—	—	—							
	50	—	—	—	—	—	—	—	—	—	54	—	54	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—							
	54	—	—	—	—	—	—	—	—	—	56	—	56	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—							
	58	—	—	—	—	—	—	—	—	—	62	—	62	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—							
48	60	—	—	—	—	—	—	—	—	—	62	—	62	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—							
	64	—	—	—	—	—	—	—	—	—	12	—	12	—	68.0	—	—	—	—	—	—	—	—	—	—	—	—	—							
	68	—	—	—	—	—	—	—	—	—	14	—	14	—	65.1	54.5	—	—	—	—	—	—	—	—	—	—	—	—							
	72	—	—	—	—	—	—	—	—	—	16	—	16	—	62.3	52.8	43.3	34.8	—	—	—	—	—	—	—	—	—	—							
	76	—	—	—	—	—	—	—	—	—	18	—	18	—	59.8	51.1	42.5	34.5	27.6	—	—	—	—	—	—	—	—	—							
	80	—	—	—	—	—	—	—	—	—	20	—	20	—	57.2	49.4	41.6	34.1	27.3	21.8	—	—	—	—	—	—	—	—							
	84	—	—	—	—	—	—	—	—	—	22	—	22	—	54.7	47.8	40.6	33.7	26.8	21.5	17.3	—	—	—	—	—	—	—							
	88	—	—	—	—	—	—	—	—	—	24	—	24	—	51.2	46.3	39.8	33.2	28.4	21.2	17.0	13.5	—	—	—	—	—	—							
	92	—	—	—	—	—	—	—	—	—	26	—	26	—	48.1	44.7	38.8	32.9	26.0	20.9	16.5	13.1	—	—	—	—	—	—							
	96	—	—	—	—	—	—	—	—	—	28	—	28	—	41.9	41.4	37.8	32.4	25.7	20.8	16.1	12.6	—	—	—	—	—	—							
36	100	—	—	—	—	—	—	—	—	—	30	—	30	—	37.9	36.8	31.9	25.3	20.2	15.7	12.1	—	—	—	—	—	—	—							
	104	—	—	—	—	—	—	—	—	—	34	—	34	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—							
	108	—	—	—	—	—	—	—	—	—	38	—	38	—	27.8	27.3	23.7	18.5	14.1	10.5	—	—	—	—	—	—	—	—							
	112	—	—	—	—	—	—	—	—	—	42	—	42	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—							
	116	—	—	—	—	—	—	—	—	—	46	—	46	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—							
	120	—	—	—	—	—	—	—	—	—	50	—	50	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—							
	124	—	—	—	—	—	—	—	—	—	54	—	54	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—							
	128	—	—	—	—	—	—	—	—	—	58	—	58	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—							
	132	—	—	—	—	—	—	—	—	—	62	—	62	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—							
	136	—	—	—	—	—	—	—	—	—	66	—	66	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—							

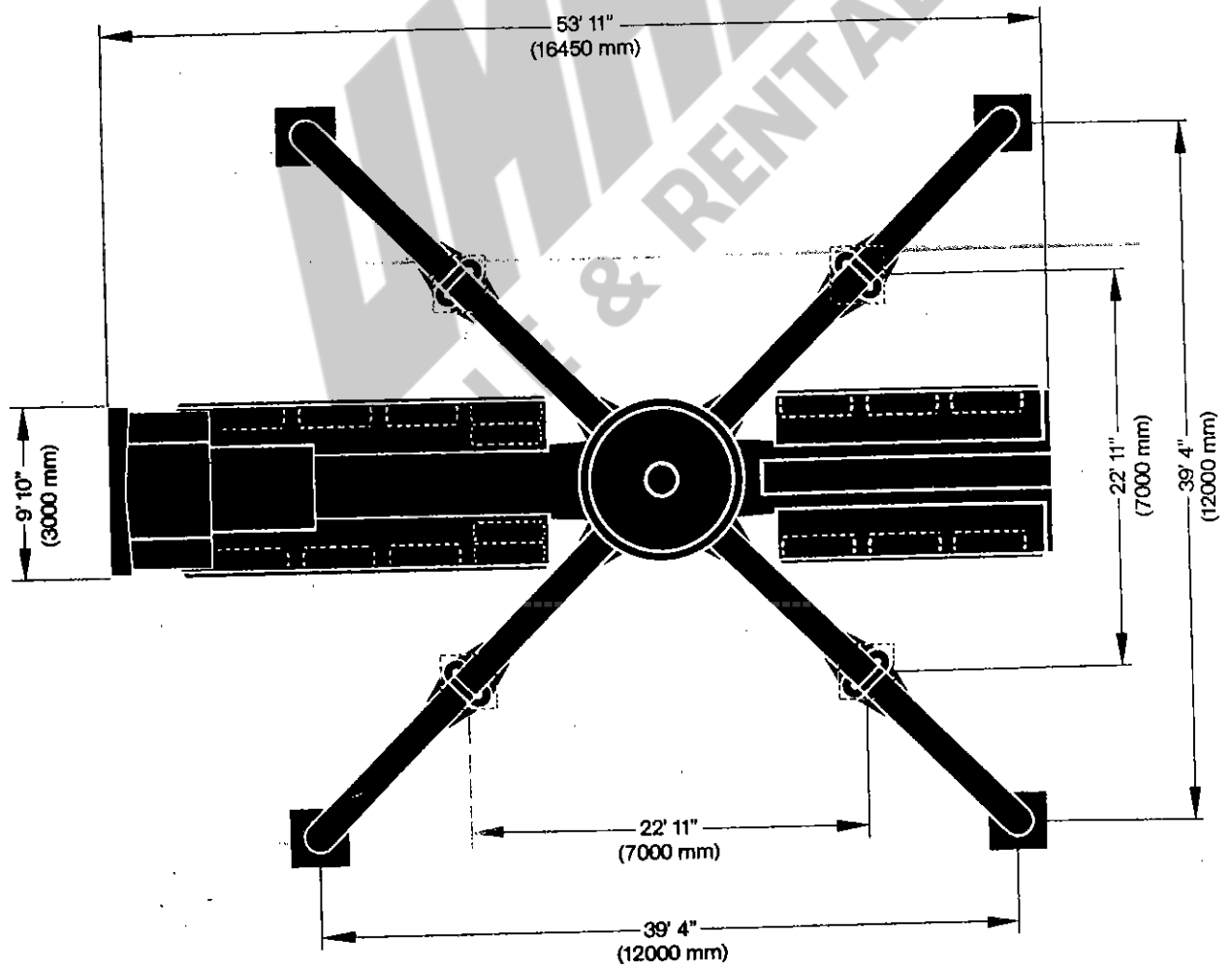
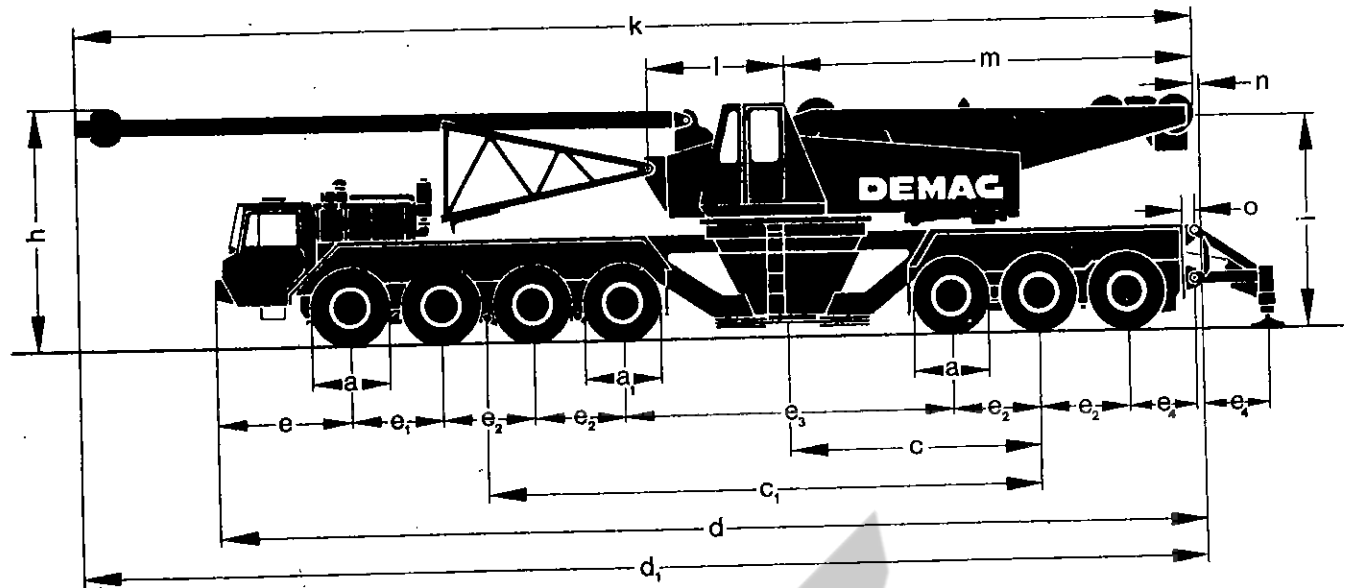
Las capacidades de carga incluyen el peso del gancho
Carga máx. por ramal = 8,3 t.

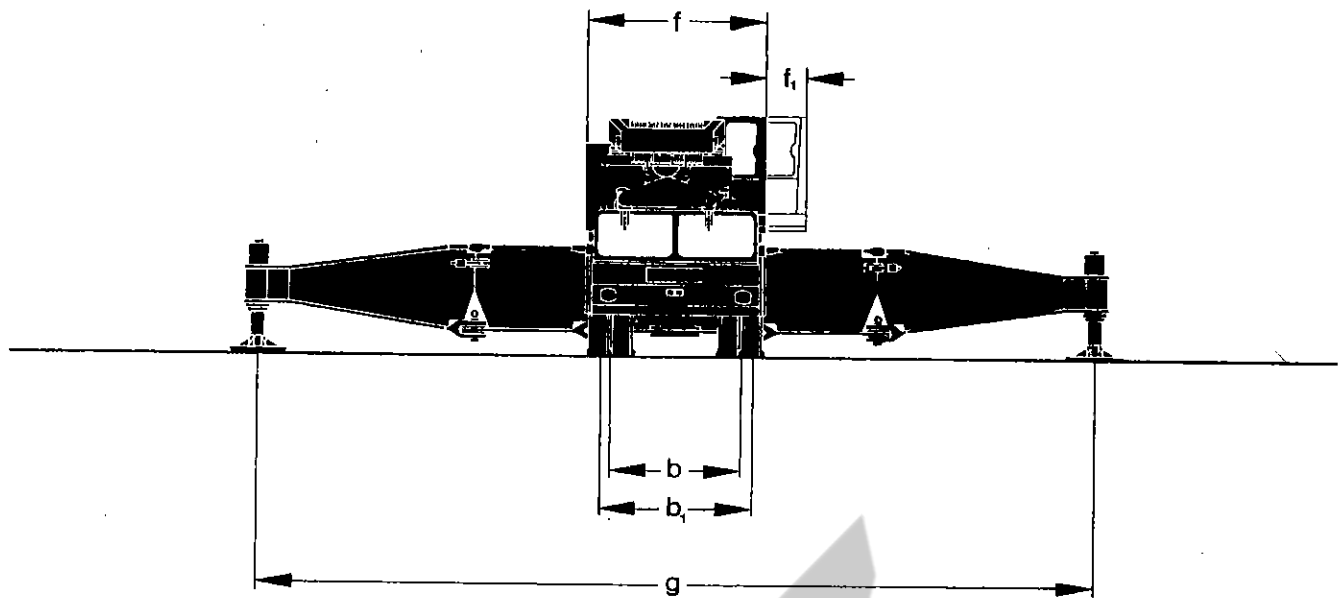
Lattice-Boom Crane TC 1200



DEMAG
Baumaschinen

Basic Machine





a	14.00 - 24, PR 22
a ₁	12.00 - 24, PR 20
b	7' 1" (2 170 mm*)
b ₁	8' 5" (2 503 mm)
c	13' 9" (4 200 mm)
c ₁	30' (9 150 mm)

* 4th Front Axle

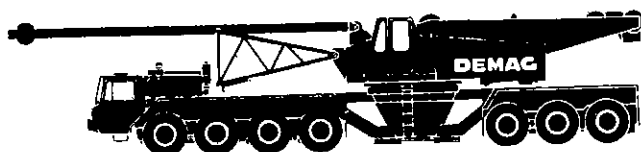
d	54' 9" (16 710 mm)
d ₁	62' 2" (18 950 mm)
e	8' (2 450 mm)
e ₁	5' 3" (1 600 mm)
e ₂	4' 11" (1 500 mm)
e ₃	17' 8" (5 400 mm)

e ₄	3' (1 150 mm)
f	9' 10" (3 000 mm)
f ₁	2' 4" (700 mm)
g	39' 4" (12 000 mm)
h	12' 11" (3 950 mm)
i	11' 2" (3 600 mm)

k	61' 4" (18 700 mm)
l	7' 2" (2 200 mm)
m	22' (6 710 mm)
n	10" (250 mm)
o	6" (150 mm)

Truck Carrier

Engine	KHD BF 12 L 413
System	12 cyl.-4 strokes
Output at 2500 RPM	310 kW (420 HP)
Cooling	air
Fuel-Tank Capacity	80 gal. (300 liters)
Transmission	12-Speed Main Transmission plus 2-Speed Transfer Case
Carrier	14 x 8
Suspension	
Front	1st and 2nd Axles: Leaf springs; 3rd and 4 th = Hydraulic suspension
Rear	1st and 2nd Axles = Walking Beams, 3rd = Hydraulic suspension
Outriggers	4 articulated dismountable outrigger beams with hydraulic jack legs



Axle Loads

Crane in travel order without outriggers, basic boom, and mast gantry	Loading of hydraulically sprung axles 13.2 tons	1st	2nd	3rd	4th	1st	2nd	3rd	Total
		front	front	front	front	rear	rear	rear	
		tons	tons	tons	tons	tons	tons	tons	tons
		10.4	10.4	13.2	13.2	12.5	12.5	13.2	85.4
	Loading of hydraulically sprung axles 11.0 tons	11.7	11.7	11.0	11.0	14.5	14.5	11.0	85.4

Change of road weight after removal of assemblies:

2nd Hoist Drum with Cable	-0.27	-0.27	-	-	-1.48	-1.48	-	-3.50
Jib-Boom Luffing Drum with Cable	-0.30	-0.30	-	-	-0.85	-0.85	-	-2.30
Aux. Hoist Cable	-0.18	-0.18	-	-	-1.00	-1.00	-	-2.36
Jib-Boom-Luffing Cable	-0.14	-0.14	-	-	-0.41	-0.41	-	-1.10
Main Hoist and Boom-Hoist Cables	-0.73	-0.73	-	-	-1.91	-1.91	-	-5.28
Basic Boom plus Mast Gantry	-2.64	-2.64	-	-	+0.14	+0.14	-	-5.00



11.5 11.5 11.0 11.0 7.7 7.7 11.0 71.4



8.0 8.0 5.5 5.5 5.9 5.9 5.5 44.3

Carrier Performance

Travel Speeds

High Range	3.9 ... 37.5 mph (6.3 ... 60.3 km/h)	Low Range	2.7 ... 26.3 mph (4.4 ... 42.4 km/h)
Creeper Range (mechanical)			
High Range	2.5 mph (4.1 km/h)	Low Range	1.8 mph (2.9 km/h)
Lowest Speed at Maximum Torque			1.1 mph (1.8 km/h)
Gradeability			max. 30%

Superstructure

Engine	KHD F 10 L 413
Output at 2300 RPM	176 kW (240 HP)
Transmission	Axial-Piston Hydraulic Pumps
Drum Drive	Axial-Piston Hydraulic Motor and Planetary Drive
Swing Drive	Axial-Piston Hydraulic Motor and Planetary Drive
Control	hydraulic

Working Speeds

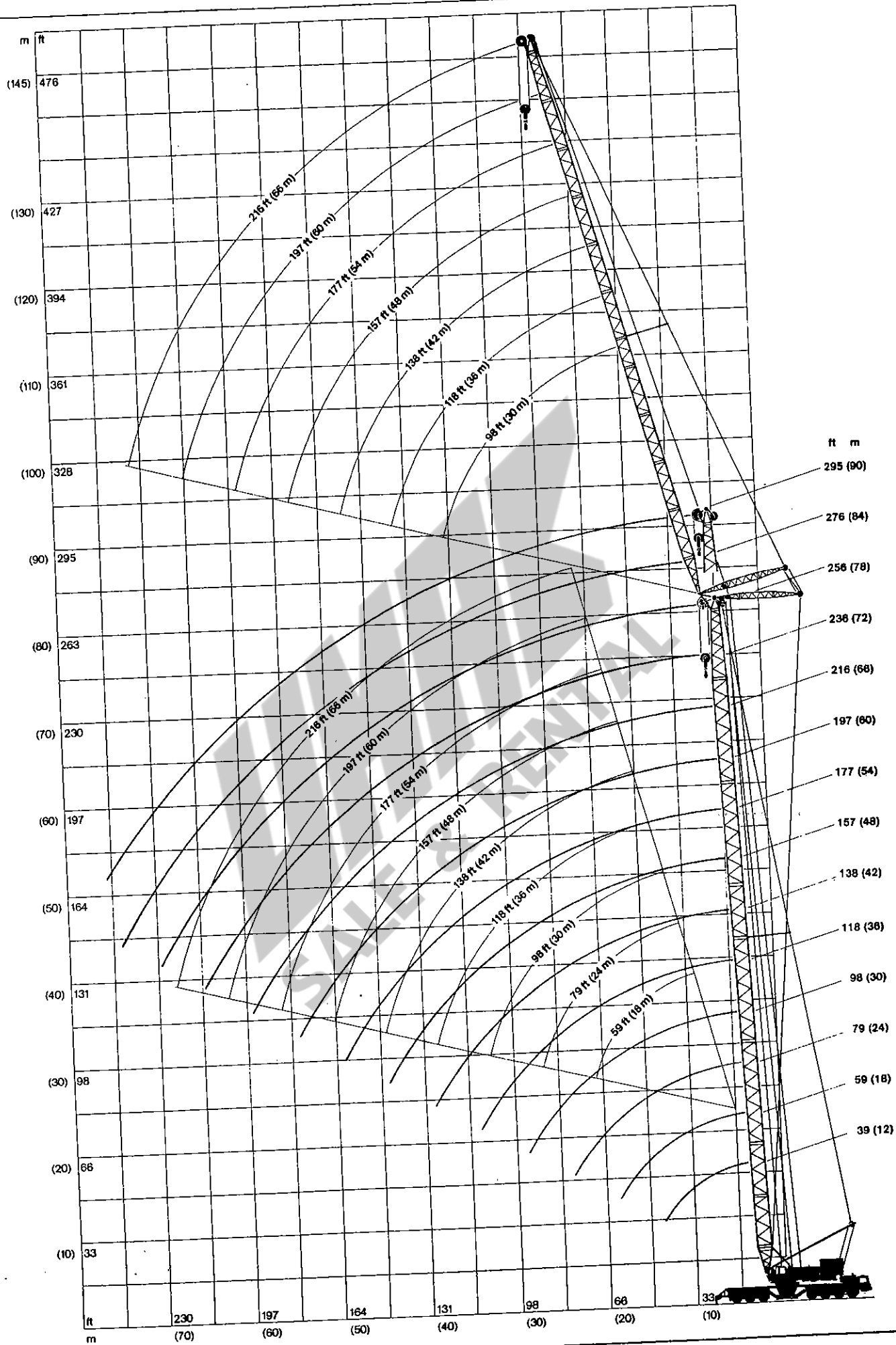
	Infinitely variable
Main Hoist	max. 295 ft./min. (max. 90 m/min.)
Aux. Hoist	max. 387 ft./min. (max. 118 m/min.)
Aux. Boom Hoist	max. 141 ft./min. (max. 43 m/min.)
Main Boom Hoist	max. 118 ft./min. (max. 36 m/min.)
Swing	1.4 RPM

Cables

Main Hoist: Rope Pull, Single Line	25.794 lb. (11700 kg) 85 % 22.928 lb. (10400 kg) 75 %	Aux. Hoist: Rope Pull, Single Line	18.298 lb. (8300 kg)
Length of Cables	2789 ft. (850 m)	Length of Cables	2460 ft. (750 m)
Dia. of Cables	1 7/64" (28 mm)	Dia. of Cables	1 7/64" (28 mm)
Main Boom Hoist Length of Cables	1558 ft. (475 m)	Aux. Boom Hoist Length of Cables	1148 ft. (370 m)
Dia. of Cables	1 1/32" (26 mm)	Dia. of Cables	1 1/32" (26 mm)

Boom

	Main Boom	Max. Allowable Lifting Load	Main Boom + Jib Boom
Std. Hammer-Head Type	39—295 ft. (12—90 m)	308 tons (280 t) 85 % 275 tons (250 t) 75 %	—
Offset Jib-Folding Boom-Point	39—295 ft. (12—90 m)	44 tons (40 t)	256 + 216 ft. (78 + 66 m)



Lifting Capacities on Main Boom, with Outriggers, over Ends and Sides (360°) (Std. Hammer Head)

Boom	Radius		85%	
	ft	m	tons	t
39 ft (12 m)	20	(6)	308	280
	23	(7)	275	250
	26	(8)	253	226
	30	(9)	215	199
	33	(10)	193	177
	36	(11)	176.5	160
	40	(12)	156	144
59 ft (18 m)	20	(6)	308	280
	23	(7)	275	250
	26	(8)	252	225
	30	(9)	213.5	197
	33	(10)	192	176
	36	(11)	174.2	158
	40	(12)	153.5	142
	46	(14)	131	119
	53	(16)	112	103
59	(18)	99	90.2	
79 ft (24 m)	23	(7)	275	250
	26	(8)	251.5	224
	30	(9)	212.5	196
	33	(10)	191	175
	36	(11)	172	156
	40	(12)	153	141
	46	(14)	130	118
	53	(16)	110	101
	59	(18)	98	88.8
	66	(20)	88.5	78.9
72	(22)	78	70.9	
98 ft (30 m)	23	(7)	275	250
	26	(8)	249	223
	30	(9)	211	195
	33	(10)	189	174
	36	(11)	171	155
	40	(12)	152	140
	46	(14)	129	117
	53	(16)	108.5	100
	59	(18)	96.5	87.5
	66	(20)	84.5	77.6
	72	(22)	76.5	69.6
	79	(24)	68.5	63.0
	85	(26)	63.5	57.6
92	(28)	58	53.0	
118 ft (36 m)	23	(7)	255	231
	26	(8)	236	212
	30	(9)	211	194
	33	(10)	190	173
	36	(11)	170	154
	40	(12)	150	139
	46	(14)	127.5	116
	53	(16)	108.5	99.3
	59	(18)	95.4	86.6
	66	(20)	84	76.7
	72	(22)	75.5	68.6
	79	(24)	68	62.0
	85	(26)	62.5	56.5
	92	(28)	57	51.8
98	(30)	53	47.8	
138 ft (42 m)	26	(8)	218	198
	30	(9)	204	185
	33	(10)	188	172
	36	(11)	168.8	153
	40	(12)	148.5	138
	46	(14)	126.5	115
	53	(16)	106.5	98.6
	59	(18)	94.5	85.9
	66	(20)	83	75.9
	72	(22)	75	67.8
	79	(24)	67	61.2
	85	(26)	61	55.7
	92	(28)	56	51.0
	98	(30)	51.5	46.9
110	(34)	44.5	39.6	
125	(38)	37.5	34.0	
157 ft (48 m)	30	(9)	194	176
	33	(10)	181	164
	36	(11)	165.2	150
	40	(12)	149	138
	46	(14)	126.5	115
	53	(16)	106.5	97.8
	59	(18)	93.8	85.1
	66	(20)	82.5	75.1
	72	(22)	74	67.0
	79	(24)	66	60.3
	85	(26)	60.5	54.8
	92	(28)	55	50.1
	98	(30)	51	46.0
	110	(34)	43.5	38.8
125	(38)	36	33.1	
140	(42)	30.5	28.7	

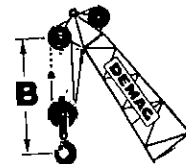
Lifting Capacities on Luffing Jib Boom, with Outriggers, over Ends and Sides (360°)

		Length of Jib Boom									
Main Boom	Radius	59 ft (18 m)	79 ft (24 m)	98 ft (30 m)	118 ft (36 m)	138 ft (42 m)	158 ft (48 m)	177 ft (54 m)	197 ft (60 m)	217 ft (66 m)	
	ft m	tons t	tons t	tons t	tons t	tons t	tons t	tons t	tons t	tons t	
59 ft (18 m)	39 (12)	110 100	107.1 97.4	87.3 79.4	64.4 58.6	49.9 45.4	36.0 32.8	25.5 23.2	22.4 20.4	19.1 17.4	
	46 (14)	110 100	101.8 92.6	84 76.4	62.7 57.0	49.1 44.7	35.0 31.9	24.8 22.6	21.2 19.3	18.0 16.4	
	53 (16)	91.3 83.0	91.6 83.3	80.5 73.2	60.3 54.9	47.5 43.2	34.1 31.0	24.2 22.0	20.4 18.6	17.1 15.6	
	59 (18)	77.7 70.7	77.8 70.8	77.5 70.5	58 52.8	48.4 44.0	35.0 31.9	24.8 22.6	21.2 19.3	18.0 16.4	
	66 (20)	67.4 61.3	67.5 61.4	67.3 61.2	55.8 50.8	47.5 43.2	34.1 31.0	24.8 22.6	21.2 19.3	18.0 16.4	
	72 (22)	—	59.6 54.2	59.2 53.9	52.5 47.8	46.6 42.4	33.1 30.1	24.2 22.0	20.4 18.6	17.1 15.6	
	79 (24)	—	53.1 48.3	52.9 48.1	47.4 43.1	45.7 41.6	32.2 29.3	23.4 21.4	19.5 17.8	16.0 14.6	
	85 (26)	—	47.8 43.5	47.7 43.4	43 39.1	42.4 38.6	31.4 28.6	22.8 20.8	18.7 17.0	15.1 13.8	
	92 (28)	—	—	43.3 39.4	39.3 35.8	38.8 35.3	30.3 27.6	22.3 20.3	17.7 16.1	13.6 12.4	
	98 (30)	—	—	39.7 36.1	33.3 30.4	33 30.0	29.3 26.7	21.3 19.4	16.7 15.2	12.3 11.2	
	112 (34)	—	—	—	28.9 26.3	28.4 25.9	28.0 25.5	20.3 18.5	15.7 14.3	10.3 9.4	
	125 (38)	—	—	—	—	24.8 22.6	24.5 22.3	19.3 17.6	14.7 13.4	9.4 8.6	
	138 (42)	—	—	—	—	—	21.6 19.7	18.3 16.7	13.9 12.7	8.1 7.4	
	151 (46)	—	—	—	—	—	19.2 17.5	17.3 15.8	13.2 12.0	—	
	164 (50)	—	—	—	—	—	—	16.5 15.0	12.4 11.3	—	
177 (54)	—	—	—	—	—	—	—	11.6 10.6	—		
190 (58)	—	—	—	—	—	—	—	—	—		
79 ft (24 m)	33 (10)	110 100	98 89.1	—	—	—	—	—	—	—	
	39 (12)	110 100	91.9 83.6	77.8 70.6	60.7 55.2	47.8 43.0	—	—	—	—	
	46 (14)	106.7 97.0	86.3 78.5	73.9 67.2	59.0 53.7	46.8 42.6	35.2 32.0	25.8 23.5	21.8 19.9	17.7 16.1	
	53 (16)	92.9 84.5	81.0 73.7	70.6 64.2	57.4 52.2	46.8 42.6	34.6 31.5	25.1 22.9	21.2 19.3	17.0 15.5	
	59 (18)	78.9 71.8	68.6 62.4	67.3 61.2	55.7 50.7	46.3 42.1	33.7 30.7	25.1 22.9	21.2 19.3	17.0 15.5	
	66 (20)	68.6 62.4	70.8 64.4	67.3 61.2	54.2 49.3	45.8 41.7	33.0 30.0	24.6 22.4	20.5 18.7	16.2 14.8	
	72 (22)	—	62.4 56.8	62.9 57.3	52.0 47.3	45.3 41.2	33.0 30.0	24.0 21.9	19.9 18.1	16.2 14.8	
	79 (24)	—	55.8 50.8	55.9 51.1	49.8 45.7	44.6 40.6	32.3 29.3	23.5 21.4	19.2 17.5	15.5 14.1	
	85 (26)	—	50.4 45.9	50.3 46.0	45.2 41.5	44.0 40.1	31.4 28.6	23.5 21.4	18.5 16.9	14.8 13.5	
	92 (28)	—	—	45.7 41.8	41.2 38.0	40.7 37.5	30.6 27.9	22.8 20.8	18.5 16.9	14.3 12.3	
	98 (30)	—	—	41.9 38.2	35.2 32.3	34.5 31.8	29.2 26.6	21.7 19.8	17.3 15.8	13.5 12.3	
	112 (34)	—	—	—	30.6 27.8	29.9 27.5	27.7 25.3	20.5 18.7	16.1 14.7	12.3 11.2	
	125 (38)	—	—	—	—	26.4 24.0	25.8 23.7	19.5 17.8	14.9 13.6	10.2 9.3	
	138 (42)	—	—	—	—	—	23.1 20.9	18.4 16.8	13.8 12.6	9.2 8.4	
	151 (46)	—	—	—	—	—	20.7 18.6	17.3 15.8	12.9 11.8	8.4 7.7	
164 (50)	—	—	—	—	—	—	16.5 15.0	12.1 11.0	7.7 7.0		
177 (54)	—	—	—	—	—	—	—	11.4 10.4	7.1 6.5		
190 (58)	—	—	—	—	—	—	—	—	—		
203 (62)	—	—	—	—	—	—	—	—	—		
98 ft (30 m)	33 (10)	110 100	90.2 82.0	—	—	—	—	—	—	—	
	39 (12)	103.5 94.1	85.1 77.4	71.8 65.3	56.6 51.5	44.1 40.1	—	—	—	—	
	46 (14)	97.7 88.9	80.0 72.8	68.7 62.5	55.3 50.3	43.7 39.8	33.8 30.8	25.2 23.2	20.7 18.9	17.1 15.6	
	53 (16)	92.9 84.5	75.3 68.6	65.7 59.8	54.0 49.1	43.3 39.4	33.3 30.3	24.9 22.7	20.1 18.3	16.5 15.0	
	59 (18)	80.3 73.0	71.6 65.1	63.0 57.3	52.5 47.8	42.9 39.0	32.5 29.9	24.3 22.1	20.1 18.3	16.5 15.0	
	66 (20)	69.6 63.3	63.4 57.5	60.3 54.9	51.1 46.5	42.3 38.5	31.9 29.0	24.3 22.1	20.1 18.3	16.5 15.0	
	72 (22)	—	56.4 51.3	55.8 52.1	49.7 45.2	42.3 38.5	31.9 29.0	24.3 22.1	20.1 18.3	16.5 15.0	
	79 (24)	—	50.9 46.3	50.2 47.0	48.1 43.8	41.9 38.1	31.2 28.4	23.7 21.6	18.9 17.2	15.4 14.0	
	85 (26)	—	—	45.6 42.7	45.2 42.4	41.3 37.6	30.5 27.8	23.3 21.2	18.3 16.7	14.6 13.3	
	92 (28)	—	—	41.8 39.1	41.2 39.3	40.7 37.2	30.0 27.3	22.7 20.7	18.3 16.7	14.6 13.3	
	98 (30)	—	—	—	35.2 33.5	34.5 33.0	28.6 26.0	21.6 19.7	17.1 15.6	13.5 12.3	
	112 (34)	—	—	—	30.5 29.1	29.9 28.5	27.2 24.8	20.5 18.7	16.0 14.6	12.3 11.2	
	125 (38)	—	—	—	—	26.4 24.9	25.9 23.8	20.1 18.3	14.8 13.5	11.3 10.3	
	138 (42)	—	—	—	—	—	23.1 21.7	18.5 16.9	13.8 12.6	10.3 9.4	
	151 (46)	—	—	—	—	—	20.7 19.3	17.4 15.9	12.9 11.8	9.3 8.5	
164 (50)	—	—	—	—	—	—	16.5 15.0	12.2 11.1	8.4 7.7		
177 (54)	—	—	—	—	—	—	—	11.4 10.4	7.7 7.0		
190 (58)	—	—	—	—	—	—	—	10.7 9.8	7.1 6.5		
203 (62)	—	—	—	—	—	—	—	—	—		
118 ft (36 m)	33 (10)	99.6 90.6	83.2 75.7	66.0 60.0	51.5 46.9	41.3 37.6	—	—	—	—	
	39 (12)	95.3 86.7	78.2 71.7	63.6 57.9	50.4 45.9	41.0 37.3	—	—	—	—	
	46 (14)	90.5 82.3	74.1 67.4	61.2 55.7	49.2 44.8	40.7 37.0	32.2 29.3	24.4 22.2	20.0 18.2	16.2 14.8	
	53 (16)	85.9 78.1	70.4 64.0	58.9 53.6	47.9 43.6	40.1 36.5	31.6 28.8	24.2 22.2	19.4 17.7	15.8 14.4	
	59 (18)	81.6 74.2	66.9 60.9	56.8 51.7	47.9 43.6	40.1 36.5	31.1 28.3	23.9 21.8	19.4 17.7	15.8 14.4	
	66 (20)	70.6 64.2	63.2 58.1	54.5 49.6	46.7 42.5	39.7 36.1	30.6 27.9	23.4 21.3	19.0 17.3	15.2 13.9	
	72 (22)	62.1 56.5	56.3 51.9	50.0 47.5	45.4 41.3	39.2 35.7	30.0 27.3	22.9 20.9	18.4 16.8	14.8 13.5	
	79 (24)	—	50.7 46.8	50.0 47.5	44.0 40.1	38.7 35.2	29.4 26.8	22.9 20.9	18.0 16.4	14.3 13.0	
	85 (26)	—	—	45.4 43.1	41.1 38.8	38.0 34.6	29.0 26.4	22.4 20.4	18.0 16.4	14.3 13.0	
	92 (28)	—	—	41.5 39.5	34.9 36.2	34.4 33.5	27.8 25.3	21.5 19.6	17.0 15.5	13.3 12.1	
	98 (30)	—	—	—	30.4 29.3	29.8 29.0	26.8 24.4	20.6 18.8	16.0 14.6	12.4 11.3	
	112 (34)	—	—	—	—	26.1 25.5	25.7 23.5	19.6 17.9	15.0 13.7	11.4 10.4	
	125 (38)	—	—	—	—	—	22.8 22.1	18.7 17.0	14.0 12.8	10.4 9.5	
	138 (42)	—	—	—	—	—	20.5 19.6	17.7 16.1	13.0 11.9	9.4 8.6	
	151 (46)	—	—	—	—	—	—	16.7 15.2	12.2 11.1	8.4 7.7	
164 (50)	—	—	—	—	—	—	—	11.4 10.4	7.7 7.0		
177 (54)	—	—	—	—	—	—	—	10.7 9.8	7.1 6.5		
190 (58)	—	—	—	—	—	—	—	—	—		
203 (62)	—	—	—	—	—	—	—	—	—		
138 ft (42 m)	39 (12)	—	74.8 68.0	59.9 54.5	—	—	—	—	—	—	
	46 (14)	—	71.6 65.1	58.0 52.8	47.6 43.3	38.2 34.8	—	—	—	—	
	53 (16)	—	68.5 62.3	56.2 51.1	46.7 42.5	37.9 34.5	30.3 27.6	—	—	—	
	59 (18)	—	65.5 59.6	54.3 49.4	45.7 41.6	37.5 34.1	30.0 27.3	23.9 21.8	19.0 17.3	—	
	66 (20)	—	62.9 57.2	52.5 47.8	44.6 40.6	37.0 33.7	29.4 26.8	23.6 21.5	18.7 17.0	14.8 13.5	
	72 (22)	—	60.1 54.7	50.9 46.3	43.7 39.8	36.5 33.2	29.0 26.4	23.3 21.2	18.1 16.5	14.4 13.1	
	79 (24)	—	56.3 52.5	49.1 44.7	42.6 38.8	36.1 32.9	28.6 26.0	22.9 20.9	17.7 16.1	13.8 12.6	
	85 (26)	—	50.7 47.3	45.5 43.4	41.5 37.8	35.6 32.4	28.2 25.7	22.6 20.6	17.2 15.7	13.3 12.1	
	92 (28)	—	46.0 43.0	41.6 39.8	40.4 36.8	35.0 31.9	27.8 25.3	22.2 20.2	17.2 15.7	13.3 12.1	
	98 (30)	—	—	—	35.0 34.0	33.9 30.9	26.8 24.4	21.3 19.4	16.5 15.0	12.3 11.2	
	112 (34)	—	—	—	30.0 29.2	26.0 23.7	20.3 18.5	15.5 14.1	11.5 10.5	9.7 9.0	
	125 (38)	—	—	—	30.5 29.5	26.4 25.7	25.1 22.9	19.5 17.8	14.7 13.4		

Lifting Capacities on Luffing Jib Boom, with Outriggers, over Ends and Sides (360°)

		Length of Jib Boom									
Main Boom	Radius	59 ft (18 m)	79 ft (24 m)	98 ft (30 m)	118 ft (36 m)	138 ft (42 m)	158 ft (48 m)	177 ft (54 m)	197 ft (60 m)	217 ft (66 m)	
	ft m	tons t	tons t	tons t	tons t	tons t	tons t	tons t	tons t	tons t	
157 ft (48 m)	92 (28)	—	46.0 43.4	44.1 40.1	38.3 34.9	32.7 29.8	26.9 24.5	21.8 19.9	16.8 15.3	13.0 11.9	
	98 (30)	—	—	41.5 39.0	37.5 34.1	32.3 29.4	26.6 24.2	21.4 19.5	16.5 15.0	12.5 11.4	
	112 (34)	—	—	35.5 34.2	34.9 32.7	31.2 28.4	25.8 23.5	20.9 19.0	15.8 14.4	11.9 10.9	
	125 (38)	—	—	—	30.3 29.7	29.8 27.5	25.0 22.8	20.1 18.3	15.1 13.8	11.3 10.3	
	138 (42)	—	—	—	—	26.2 25.8	24.0 21.9	19.2 17.5	14.5 13.2	10.6 9.7	
	151 (46)	—	—	—	—	—	23.1 21.1	18.3 16.7	13.7 12.5	10.0 9.1	
	164 (50)	—	—	—	—	—	20.6 20.1	17.4 15.9	13.0 11.9	9.3 8.5	
	177 (54)	—	—	—	—	—	—	16.5 15.0	12.3 11.2	8.6 7.9	
	190 (58)	—	—	—	—	—	—	—	11.5 10.5	8.0 7.3	
	203 (62)	—	—	—	—	—	—	—	10.7 9.8	7.3 6.7	
217 (66)	—	—	—	—	—	—	—	—	6.7 6.1		
177 ft (54 m)	39 (12)	—	62.0 56.4	—	—	—	—	—	—	—	
	46 (14)	—	60.1 54.7	50.0 45.5	—	—	—	—	—	—	
	53 (16)	—	58.4 53.1	48.9 44.5	40.9 37.2	—	—	—	—	—	
	59 (18)	—	56.6 51.5	47.8 43.5	40.1 36.5	32.2 29.3	26.5 24.1	—	—	—	
	66 (20)	—	54.8 49.9	46.8 42.6	39.4 35.9	31.7 28.9	26.2 23.9	21.1 19.2	—	—	
	72 (22)	—	53.1 48.3	45.7 41.6	38.8 35.3	31.4 28.6	25.9 23.6	20.9 19.0	16.9 15.4	—	
	79 (24)	—	51.3 46.7	44.5 40.5	38.0 34.6	31.2 28.4	25.6 23.3	20.6 18.8	16.7 15.2	13.5 12.3	
	85 (26)	—	49.6 45.1	43.6 39.7	37.2 33.9	30.8 28.0	25.4 23.1	20.4 18.6	16.6 15.1	13.3 12.1	
	92 (28)	—	45.9 40.9	42.4 38.6	36.6 33.3	30.4 27.7	25.1 22.9	20.3 18.5	16.3 14.9	12.9 11.8	
	98 (30)	—	—	41.2 37.5	35.9 32.7	30.1 27.4	24.8 22.6	20.0 18.2	16.1 14.7	12.6 11.5	
	112 (34)	—	—	35.4 33.7	34.9 30.2	29.2 26.6	24.3 22.1	19.8 18.0	15.7 14.3	12.3 11.2	
	125 (38)	—	—	—	30.3 28.7	28.3 25.8	23.7 21.6	19.3 17.6	15.2 13.9	11.7 10.7	
	138 (42)	—	—	—	—	26.2 24.1	23.1 21.0	19.0 17.3	14.7 13.4	11.1 10.1	
	151 (46)	—	—	—	—	—	21.8 19.9	18.3 16.7	14.1 12.9	10.4 9.5	
	164 (50)	—	—	—	—	—	20.6 18.8	17.8 16.2	13.6 12.4	9.9 9.0	
	177 (54)	—	—	—	—	—	—	17.0 15.6	12.9 11.8	9.2 8.4	
197 ft (60 m)	190 (58)	—	—	—	—	—	—	—	12.2 11.1	8.5 7.8	
	203 (62)	—	—	—	—	—	—	—	11.4 10.4	7.9 7.2	
	217 (66)	—	—	—	—	—	—	—	10.4 9.5	7.2 6.6	
	46 (14)	—	—	42.7 38.9	—	—	—	—	—	—	
	53 (16)	—	—	41.8 38.0	35.6 32.4	—	—	—	—	—	
	59 (18)	—	—	40.8 37.1	34.8 31.7	28.6 26.0	—	—	—	—	
	66 (20)	—	—	39.8 36.2	34.1 31.0	28.2 25.7	23.6 21.5	19.2 17.5	—	—	
	72 (22)	—	—	38.9 35.4	33.4 30.4	27.8 25.3	23.3 21.2	19.1 17.4	15.2 13.9	—	
	79 (24)	—	—	37.9 34.5	32.7 29.8	27.3 24.9	22.9 20.9	19.0 17.3	15.1 13.8	11.9 10.9	
	85 (26)	—	—	36.7 33.4	32.1 29.2	26.9 24.5	22.7 20.7	18.9 17.2	15.0 13.7	11.7 10.7	
	92 (28)	—	—	35.6 32.4	31.4 28.6	26.6 24.2	22.5 20.5	18.8 17.1	14.9 13.6	11.5 10.5	
	98 (30)	—	—	34.6 31.5	30.8 28.0	26.0 23.7	22.2 20.2	18.5 16.9	14.8 13.5	11.4 10.4	
	112 (34)	—	—	32.2 29.3	29.2 26.6	25.3 23.0	21.7 19.8	18.3 16.7	14.6 13.3	11.0 10.0	
	125 (38)	—	—	—	27.8 25.3	24.3 22.1	21.1 19.2	17.9 16.3	14.4 13.1	10.6 9.7	
	138 (42)	—	—	—	—	23.1 21.0	20.4 18.6	17.3 15.8	13.9 12.7	10.1 9.2	
	151 (46)	—	—	—	—	21.8 19.9	19.5 17.8	16.8 15.3	13.5 12.3	9.6 8.8	
216 ft (66 m)	164 (50)	—	—	—	—	—	18.7 17.0	16.1 14.7	12.8 11.7	9.2 8.4	
	177 (54)	—	—	—	—	—	—	15.2 13.9	12.2 11.1	8.6 7.9	
	190 (58)	—	—	—	—	—	—	—	11.4 10.4	8.2 7.5	
	203 (62)	—	—	—	—	—	—	—	10.4 9.5	7.4 6.8	
	217 (66)	—	—	—	—	—	—	—	—	6.8 6.2	
	46 (14)	—	—	37.7 34.3	—	—	—	—	—	—	
	53 (16)	—	—	36.9 33.6	31.3 28.5	—	—	—	—	—	
	59 (18)	—	—	36.1 32.9	30.8 28.0	25.5 23.2	—	—	—	—	
	66 (20)	—	—	35.3 32.1	30.1 27.4	25.1 22.9	21.1 19.2	17.4 15.9	—	—	
	72 (22)	—	—	34.4 31.2	29.4 26.8	24.8 22.6	21.0 19.1	17.3 15.8	13.8 12.6	—	
	79 (24)	—	—	33.5 30.5	28.8 26.2	24.5 22.3	20.9 19.0	17.2 15.7	13.7 12.5	11.0 10.0	
	85 (26)	—	—	32.6 29.7	28.2 25.7	24.2 22.0	20.7 18.9	17.2 15.7	13.6 12.4	10.8 9.9	
	92 (28)	—	—	31.7 28.9	27.6 25.1	23.7 21.6	20.5 18.7	17.1 15.6	13.5 12.3	10.7 9.8	
	98 (30)	—	—	30.8 28.0	27.0 24.6	23.4 21.3	20.3 18.5	17.0 15.5	13.3 12.1	10.6 9.7	
	112 (34)	—	—	28.4 25.9	25.8 23.5	22.6 20.6	19.8 18.0	16.8 15.3	13.0 11.9	10.2 9.3	
	125 (38)	—	—	—	24.5 22.3	21.5 19.6	19.3 17.6	16.6 15.0	12.9 11.8	9.9 9.0	
236 ft (72 m)	138 (42)	—	—	—	—	20.3 18.5	18.7 17.0	16.0 14.6	12.7 11.6	9.5 8.7	
	151 (46)	—	—	—	—	19.1 17.4	17.9 16.3	15.5 14.1	12.4 11.3	9.2 8.4	
	164 (50)	—	—	—	—	—	17.1 15.6	14.9 13.6	12.1 11.0	8.9 8.1	
	177 (54)	—	—	—	—	—	—	14.1 12.9	11.5 10.5	8.5 7.8	
	190 (58)	—	—	—	—	—	—	—	10.8 9.9	8.1 7.4	
	203 (62)	—	—	—	—	—	—	—	10.0 9.1	7.4 6.8	
	217 (66)	—	—	—	—	—	—	—	—	6.8 6.2	
	46 (14)	—	—	32.1 29.2	—	—	—	—	—	—	
	53 (16)	—	—	31.4 28.6	27.3 24.9	—	—	—	—	—	
	59 (18)	—	—	30.9 28.1	26.9 24.5	22.6 20.6	—	—	—	—	
	66 (20)	—	—	30.2 27.5	26.5 24.1	22.3 20.3	18.4 16.8	—	—	—	
	72 (22)	—	—	29.5 26.9	26.0 23.7	22.1 20.1	18.3 16.7	15.1 13.8	12.3 11.2	—	
	79 (24)	—	—	28.9 26.3	25.6 23.3	21.8 19.9	18.2 16.6	15.1 13.8	12.3 11.2	9.7 8.9	
	85 (26)	—	—	28.2 25.7	25.1 22.9	21.5 19.6	18.1 16.5	15.0 13.7	12.2 11.1	9.7 8.9	
	92 (28)	—	—	27.6 25.1	24.6 22.4	21.2 19.3	17.9 16.3	14.9 13.6	12.1 11.0	9.6 8.8	
	98 (30)	—	—	26.8 24.4	24.0 21.9	20.9 19.0	17.7 16.1	14.8 13.5	11.9 10.9	9.5 8.7	
112 (34)	—	—	25.4 23.1	22.8 20.8	20.1 18.3	17.4 15.9	14.7 13.4	11.8 10.8	9.3 8.5		
256 ft (78 m)	125 (38)	—	—	21.6 19.7	19.2 17.5	17.0 15.5	16.6 15.1	14.5 13.2	11.7 10.7	9.1 8.3	
	138 (42)	—	—	—	18.1 16.5	16.8 15.3	16.0 14.6	13.8 12.6	11.3 10.3	8.8 8.0	
	151 (46)	—	—	—	—	—	15.2 13.9	13.5 12.3	11.1 10.1	8.5 7.8	
	164 (50)	—	—	—	—	—	—	12.8 11.7	10.6 9.7	8.2 7.5	
	177 (54)	—	—	—	—	—	—	11.9 10.9	10.0 9.1	8.0 7.3	
	190 (58)	—	—	—	—	—	—	—	9.3 8.5	7.5 6.9	
	203 (62)	—	—	—	—	—	—	—	—	7.0 6.4	
	217 (66)	—	—	—	—	—	—	—	—	—	
	53 (16)	—	—	27.2 24.8	23.8 21.7	—	—	—	—	—	
	59 (18)	—	—	27.1 24.7	23.5 21.4	19.8 18.0	—	—	—	—	
	66 (20)	—	—	26.9 24.5	23.2 21.1	19.5 17.8	16.0 14.6	—	—	—	
	72 (22)	—	—	26.7 24.3	23.1 21.0	19.3 17.6	15.9 14.5	13.3 12.1	11.0 10.0	—	
	79 (24)	—	—	26.4 24.0	22.8 20.8	19.1 17.4	15.8 14.4	13.3 12.1	10.8 9.9	9.0 8.2	
	85 (26)	—	—	26.0 23.7	22.7 20.7	19.0 17.3	15.8 14.4	13.2 12.0	10.7 9.8	9.0 8.2	
	92 (28)	—	—	25.7 23.4	22.5 20.5	18.8 17.1	15.7 14.3	13.0 11.9	10.6 9.7	8.9 8.1	
	98 (30)	—	—	24.9 22.7	22.1 20.1	18.7 17.0	15.7 14.3	12.9 11.8	10.5 9.6	8.8 8.0	
112 (34)	—	—	24.2 22.0	21.5 19.6	18.2 16.6	15.6 14.2	12.9 11.8	10.4 9.5	8.6 7.9		
125 (38)	—	—	—	20.6 18.8	17.8 16.2	15.4 14.0	12.8 11.7	10.3 9.4	8.5 7.8		
138 (42)	—	—	—	—	17.0 15.5	15.0 13.7	12.7 11.6	10.2 9.3	8.5 7.8		
151 (46)	—	—	—	—	16.3 14.9	14.6 13.3	12.4 11.3	10.1 9.2	8.4 7.7		
164 (50)	—	—	—	—	—	14.0 12.8	12.1 11.0	10.0 9.1	8.3 7.6		
177 (54)	—	—	—	—	—	—	11.6 10.6	9.6 8.8	8.1 7.4		
190 (58)	—	—	—	—	—	—	11.2 10.2	9.4 8.6	7.9 7.2		
203 (62)	—	—	—	—	—	—	—	9.0 8.2	7.4 6.8		
217 (66)	—	—	—	—	—	—	—	—	7.0 6.4		

Hook-Block/Crane Hook



Number of Sheaves	Capacity	Weight	„B“
12	308 tons (280 t) 85%	8.378 lb. (3800 kg)	10 ft. (3,20 m)
	275 tons (250 t) 75%		
6	138 tons (125 t) 85%	5.291 lb. (2400 kg)	8 ft. (2.50 m)
	110 tons (100 t) 75%		
1	35 tons (32 t) 85%	2.557 lb. (1160 kg)	6 ft. (2.00 m)
	27 tons (25 t) 75%		

UNAK
SALE & RENTAL

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AMERICAN DEMAG CORPORATION Construction Machinery Division

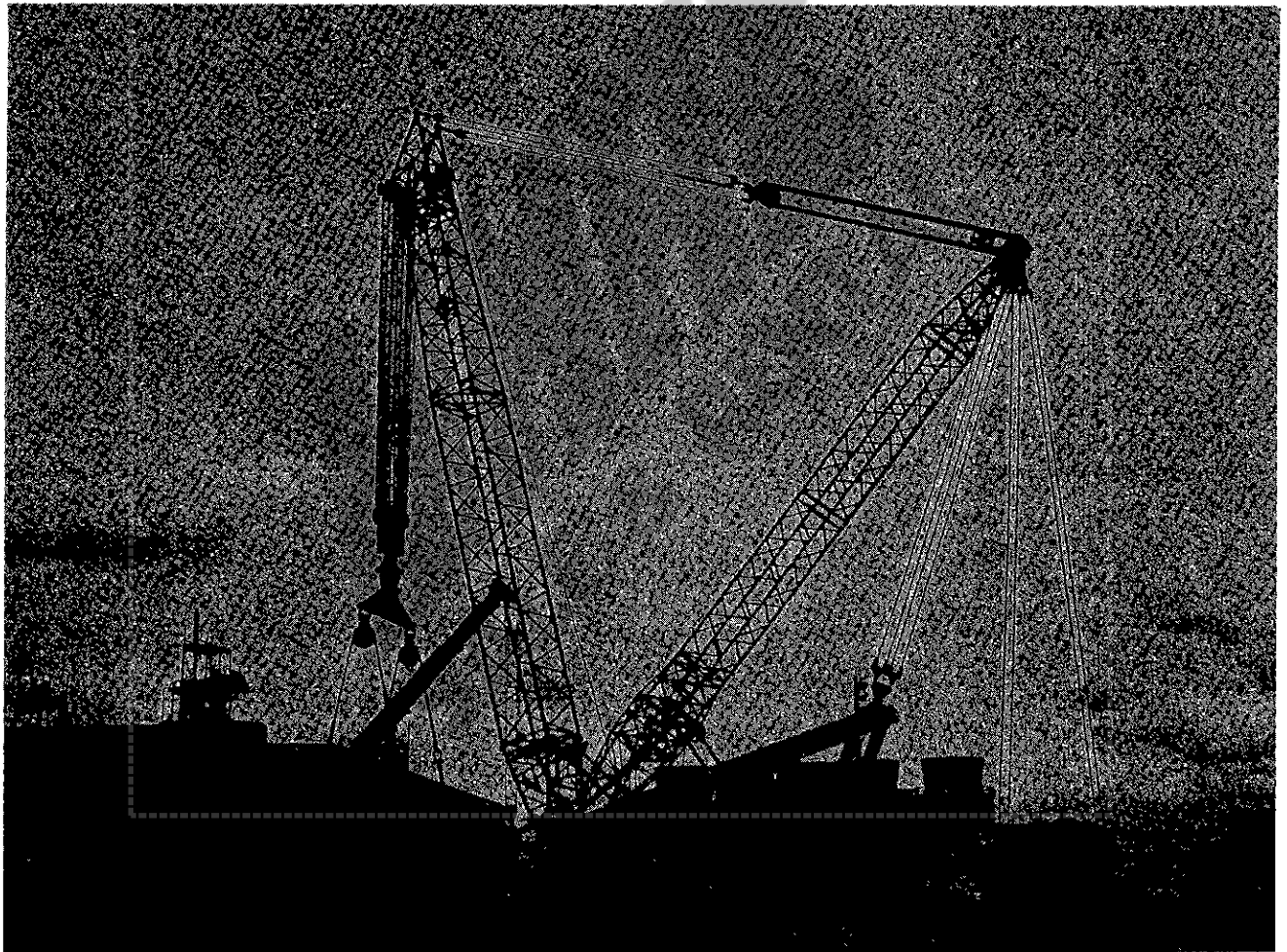
Chicago: 903 Commerce Drive
Oak Brook, Ill. 60521
Tel.: 312-920-9700
Telex: 72-1577

New York: 450 Park Avenue
New York, N.Y. 10022
Tel.: 212-826-1440
Telex: 125-911

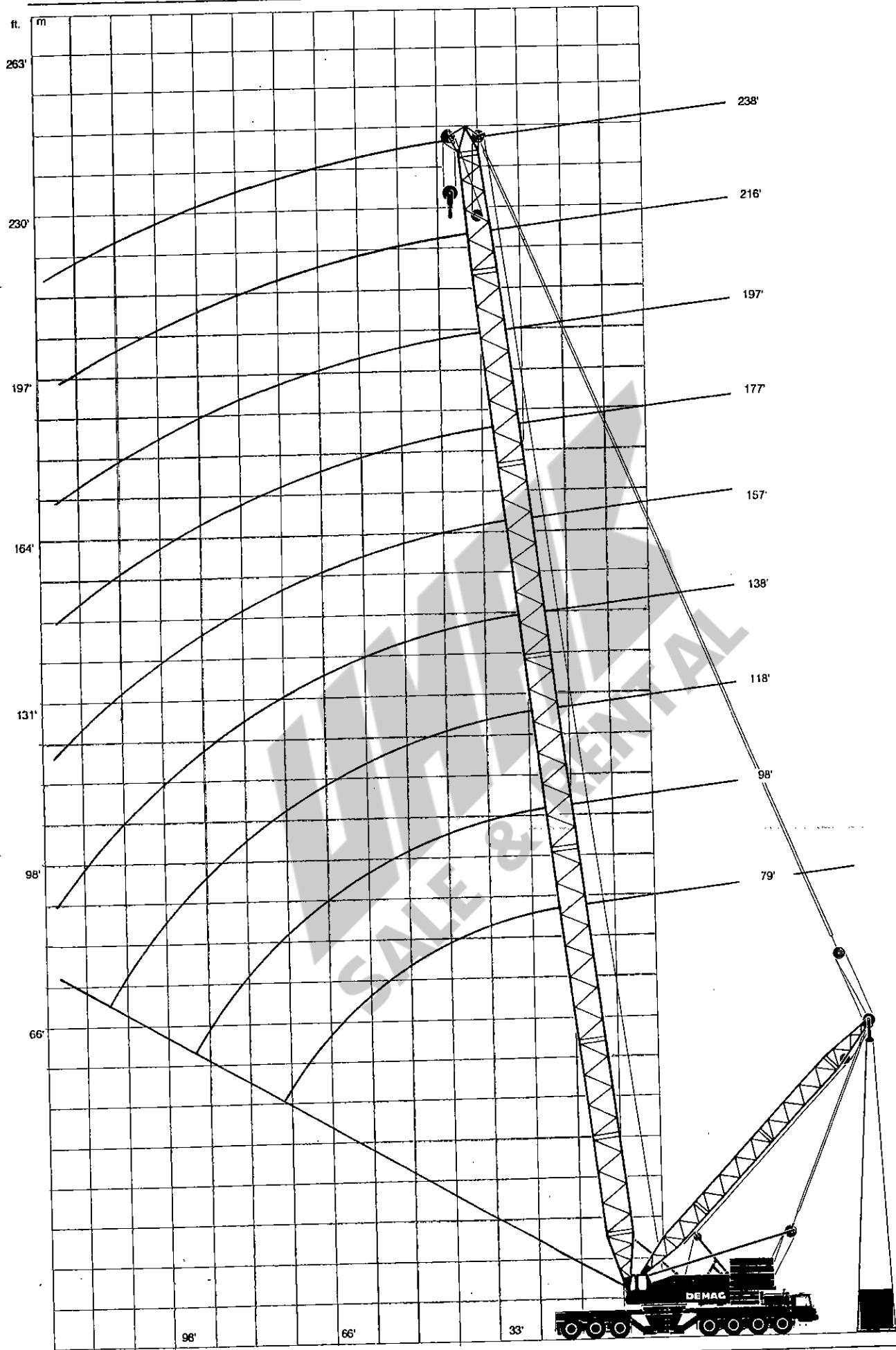
DEMAG TC-1200 SUPERLIFT

600 ton LOAD MOMENT CHART **(12,661 foot-tons)**

Superlift Attachment for DEMAG Model TC 1200 Crane



DEMAG
Baummaschinen



DEMAG TC-1200 SUPERLIFT 600 ton LOAD MOMENT CHART

Lifting Capacities (ton=2000#) on main Boom,

On 39'-4" x 39'-4" Outriggers, 360° Swing, 75% Ratings

Main Boom ft	Radius ft	SuperLift Counterweight (t)						Main Boom ft	Radius ft	SuperLift Counterweight (t)					
		0	55	88	110	132	165			0	55	88	110	132	165
		tons	tons	tons	tons	tons	tons			tons	tons	tons	tons	tons	tons
79' with Heavy Duty Ham- mer Head	30	190	256	303	331	—	—	177'	30	168	—	—	—	—	—
	31.5	178	243	287	315	347	386		33	163	—	—	—	—	—
	33	169	232	271	299	331	362		40	132	156	—	—	—	—
	40	137	187	221	244	258	296		46	110	150	—	—	—	—
	46	115	161	187	203	221	236		53	94	130	146	—	—	—
	53	99	132	158	170	185	204		59	82	116	131	—	—	—
	59	86	117	136	146	159	—		66	72	104	114	—	—	—
									72	64	93	101	—	—	—
79' with Std. Hammer Head	30	190	256	276	—	—	—		79	57	84	90	—	—	—
	33	169	232	276	—	—	—		85	53	76	84	—	—	—
	40	137	185	221	238	258	—		92	47	70	76	—	—	—
	46	115	154	185	202	221	237		98	44	64	70	—	—	—
	53	99	131	158	170	185	204		110	36	55	61	—	—	—
	59	86	117	136	146	159	—		125	30	49	54	—	—	—
	66	76	104	121	—	—	—		140	25	42	47	—	—	—
	72	68	93	108	—	—	—		150	22	36	44	—	—	—
96'	30	189	256	—	—	—	—	197'	33	143	—	—	—	—	—
	33	168	232	256	—	—	—		40	133	—	—	—	—	—
	40	136	185	219	238	243	—		46	110	130	—	—	—	—
	46	114	153	185	202	221	—		53	94	125	—	—	—	—
	53	97	130	157	170	185	—		59	81	116	—	—	—	—
	59	85	117	135	—	—	—		66	71	104	—	—	—	—
	66	75	103	119	—	—	—		72	61	93	—	—	—	—
	72	67	93	110	—	—	—		79	55	84	—	—	—	—
118'	30	189	237	—	—	—	—		85	50	76	—	—	—	—
	33	168	232	237	—	—	—		92	46	70	—	—	—	—
	40	135	183	218	234	—	—		98	43	64	—	—	—	—
	46	113	153	185	201	218	—		110	36	55	—	—	—	—
	53	97	130	157	170	185	—		125	31	49	—	—	—	—
	59	84	116	133	147	165	—		140	24	42	—	—	—	—
	66	75	103	119	132	148	—		150	22	36	—	—	—	—
	72	66	93	107	119	132	—		165	19	33	—	—	—	—
138'	30	187	227	—	—	—	—	216'	33	116	—	—	—	—	—
	33	167	222	224	—	—	—		40	110	—	—	—	—	—
	40	133	182	217	—	—	—		46	105	—	—	—	—	—
	46	113	152	185	196	210	—		53	93	99	—	—	—	—
	53	96	130	157	168	181	—		59	81	95	—	—	—	—
	59	83	116	132	146	164	—		66	71	90	—	—	—	—
	66	74	103	118	130	147	—		72	61	86	—	—	—	—
	72	64	93	105	117	131	—		79	55	81	—	—	—	—
157'	30	177	206	—	—	—	—		85	49	75	—	—	—	—
	33	165	203	—	—	—	—		92	46	68	—	—	—	—
	40	133	181	192	—	—	—		98	42	63	—	—	—	—
	46	111	152	185	—	—	—		110	35	53	—	—	—	—
	53	95	130	157	165	177	—		125	30	45	—	—	—	—
	59	83	116	132	146	163	—		140	24	39	—	—	—	—
	66	73	104	117	129	146	—		150	22	33	—	—	—	—
	72	65	93	104	115	130	—		165	19	29	—	—	—	—
157'	79	58	84	93	103	117	—	236'	33	94	—	—	—	—	—
	85	53	76	86	94	105	—		40	87	—	—	—	—	—
	92	49	70	78	87	97	—		46	83	—	—	—	—	—
	98	44	64	71	78	88	—		53	78	—	—	—	—	—
	110	38	55	62	—	—	—		59	74	—	—	—	—	—
	125	31	49	55	—	—	—		66	71	—	—	—	—	—
	140	27	42	49	—	—	—		72	61	66	—	—	—	—
									79	55	63	—	—	—	—
									85	49	60	—	—	—	—
									92	46	56	—	—	—	—
									98	42	53	—	—	—	—
									110	35	49	—	—	—	—
									125	30	43	—	—	—	—
									140	24	36	—	—	—	—
									150	22	31	—	—	—	—
									165	19	27	—	—	—	—

Only cranes providing an outrigger span of 39'-4" X 39'-4" can be equipped for superlift operation

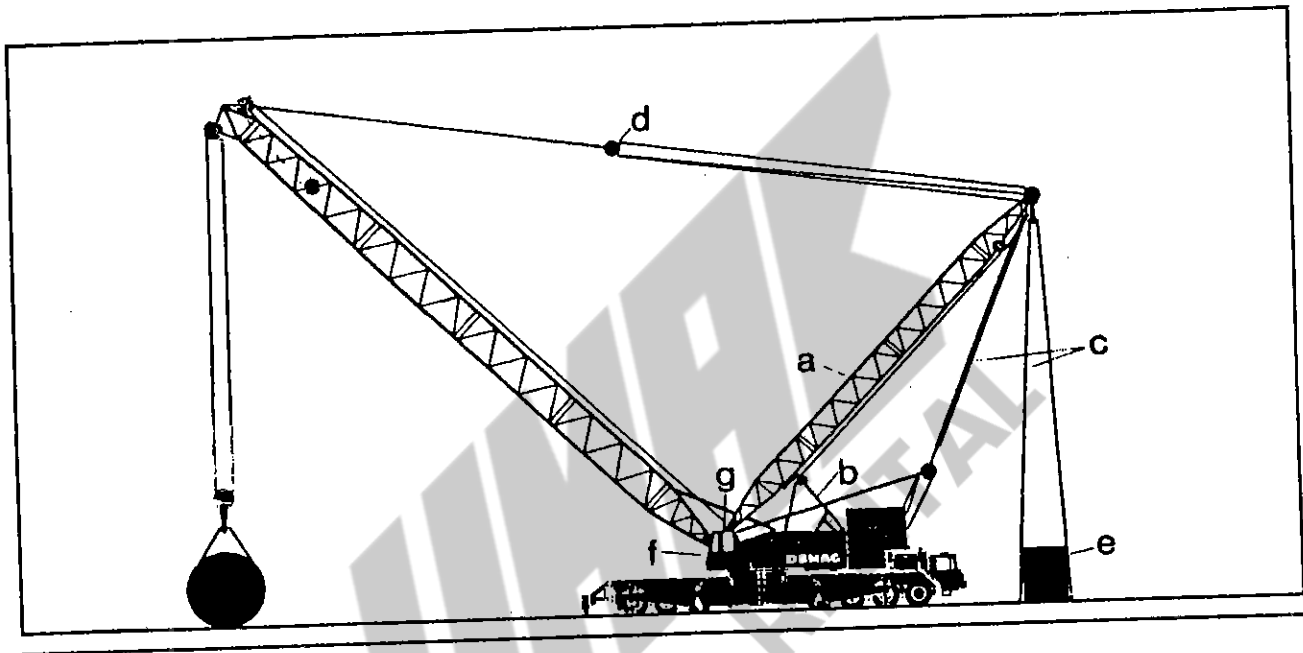
SUPERLIFT Attachment for the DEMAG TC-1200 Truck Crane

For applications where load moments in excess of 5426 foot-tons are encountered, the DEMAG TC 1200 Truck Crane can be equipped with a Superlift Attachment which permits load moments up to 12661 foot-tons. An increase of 233%, resulting in a 633 ton load moment chart at a 20' radius.

The performance benefits derived from the Superlift result from the fact that a heavier load is compensated by a corresponding counterweight. This causes the loads on the structural members of the crane, such as superstructure, slewing ring, undercarriage, and outriggers, to be applied centrally while relieving the boom assembly.

The additional counterweight is automatically lifted off the ground when attempting to pick up a load with the Superlift, so that the upper can be swung as desired. The Superlift Attachment consists of the following components which are readily mounted to our standard crane without major modifications:

- (a) Superlift Mast with head sheaves
- (b) Superlift Backstops
- (c) Counterweight Suspension Cables
- (d) Boom-Hoist Bridle
- (e) Additional Counterweight
- (f) Additional Hydraulic and Electric Controls
- (g) Conversion Parts to Overload Cut-Out



Subject to change without notice

DEMAG Baumaschinen
Zweigniederlassung der
Demag Aktiengesellschaft

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Bierbach, Tel. (0 68 42) 30 11
München, Tel. (0 89) 3 51 30 91

Vertragshändler:

Lingener Baumaschinen GmbH & Co. KG
Lingen/Ems, Tel. (05 91) 42 73

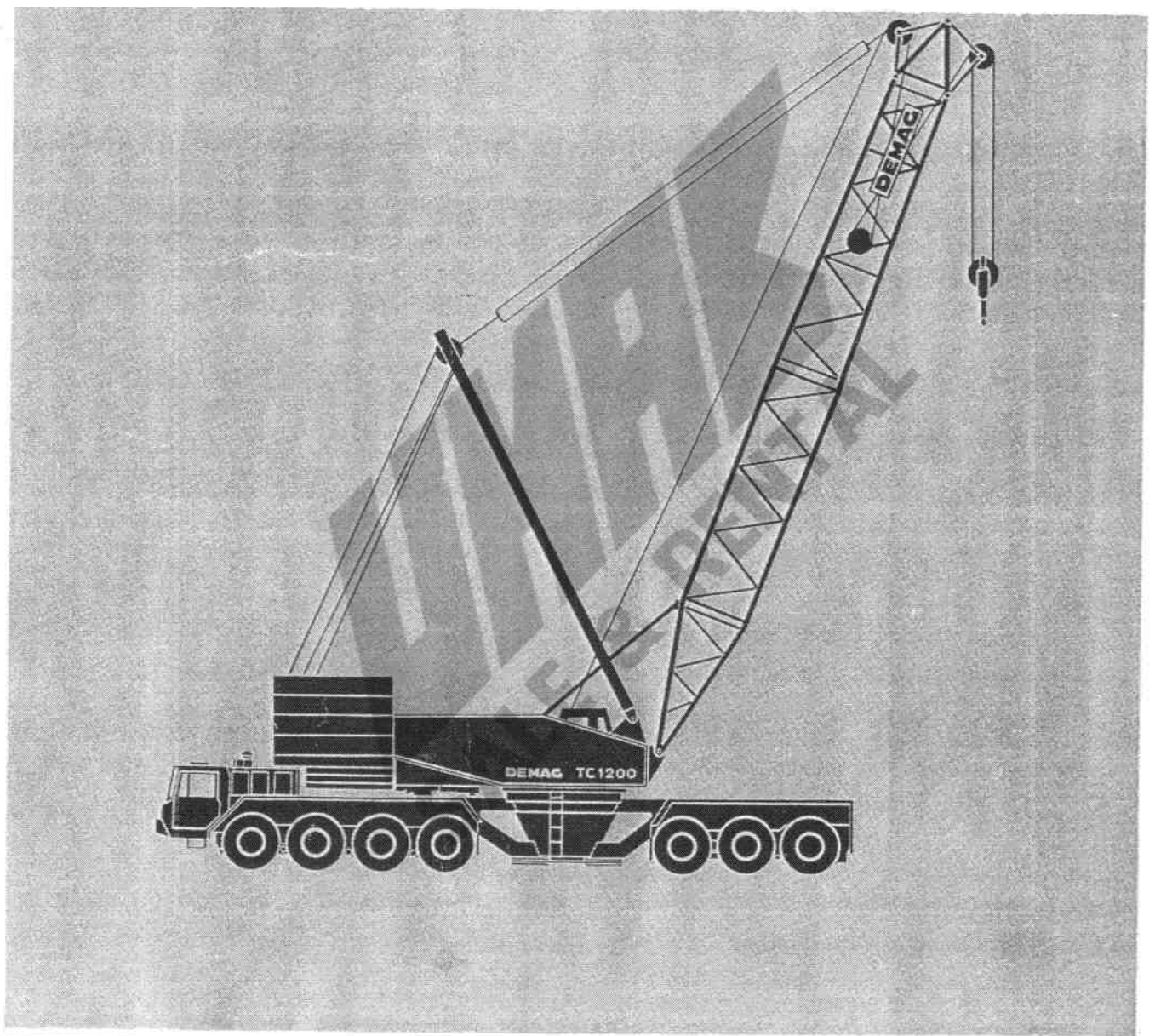
O. Sponsel & Co.
Bamberg, Tel. (09 51) 2 51 41
Nürnberg, Tel. (09 11) 30 10 05

Gebr. Hones GmbH
München, Tel. (0 71 50) 60 18
Krauchenwies, Tel. (0 75 76) 5 50

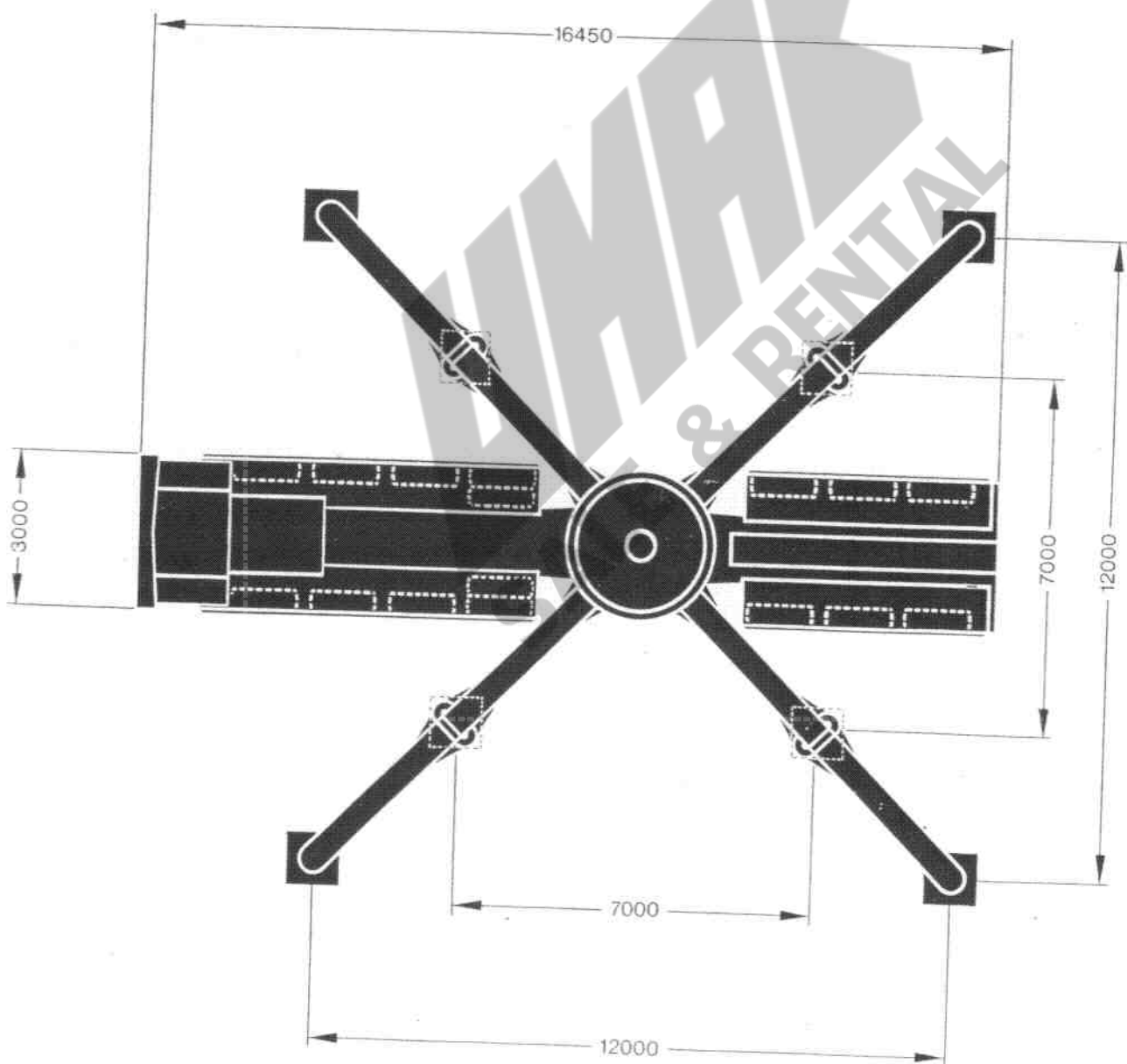
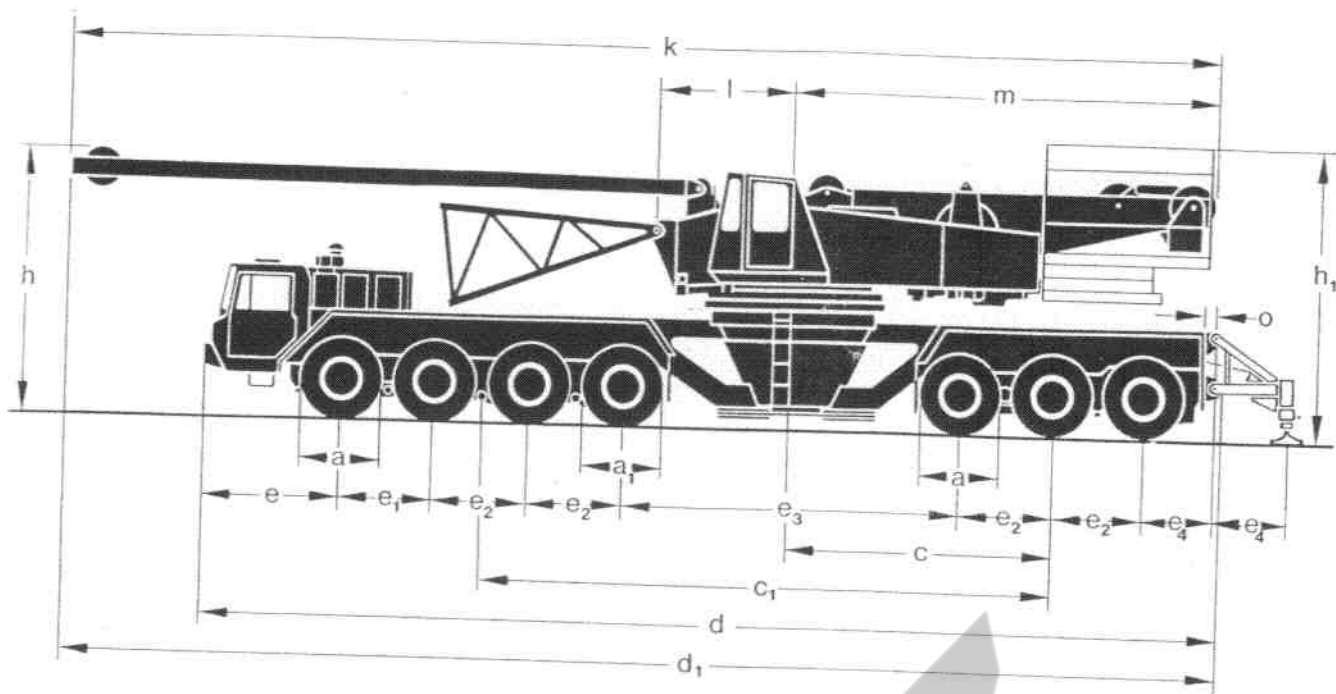
DEMAG

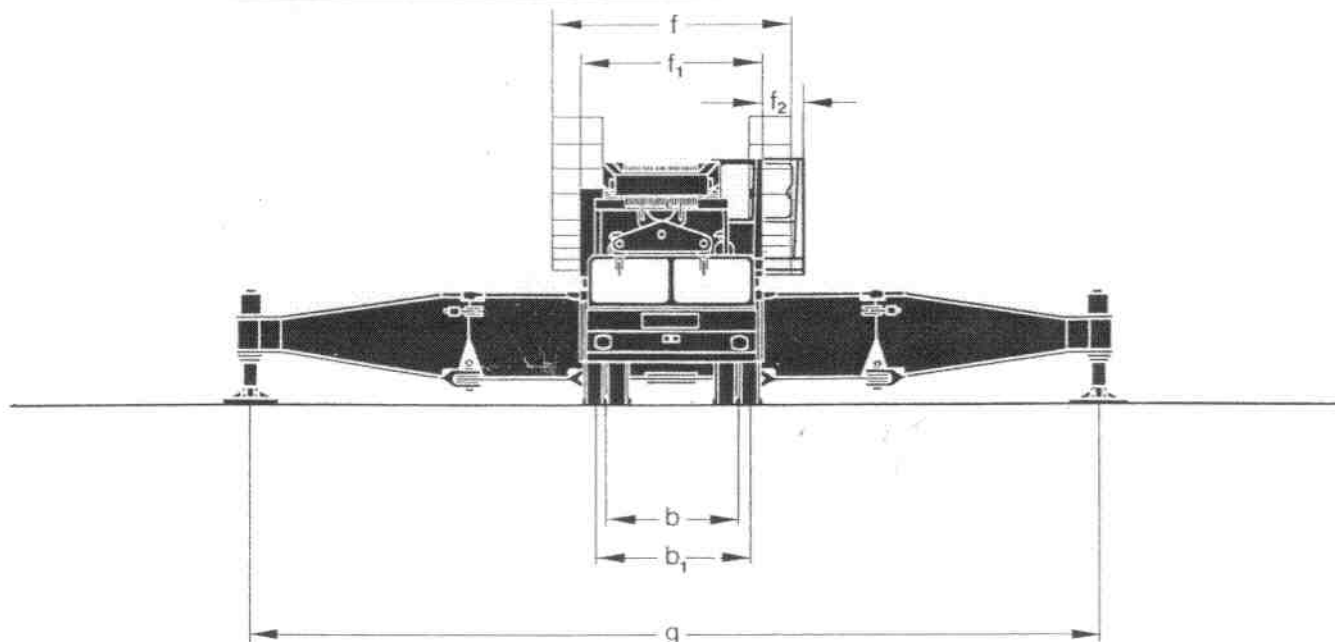
Gittermastkran
Lattice Boom Crane
Grue à flèche en treillis

TC1200



DEMAG
Baumaschinen





a	14.00-24, PR 22	d	16 710 mm	e ₄	1 150 mm	h _i	4 465 mm
a ₁	12.00-24, PR 20	d ₁	18 950 mm	f	4 000 mm	k	18 700 mm
b	2 170 mm*	e	2 450 mm	f ₁	3 000 mm	l	2 200 mm
b ₁	2 503 mm	e ₁	1 600 mm	f ₂	700 mm	m	6 710 mm
c	4 200 mm	e ₂	1 500 mm	g	12 000 mm	o	150 mm
c ₁	9 150 mm	e ₃	5 400 mm	h	3 950 mm		

* 4. Vorderachse - 4th Front Axle - 4e Essieu AV

Fahrgestell

Truck Carrier

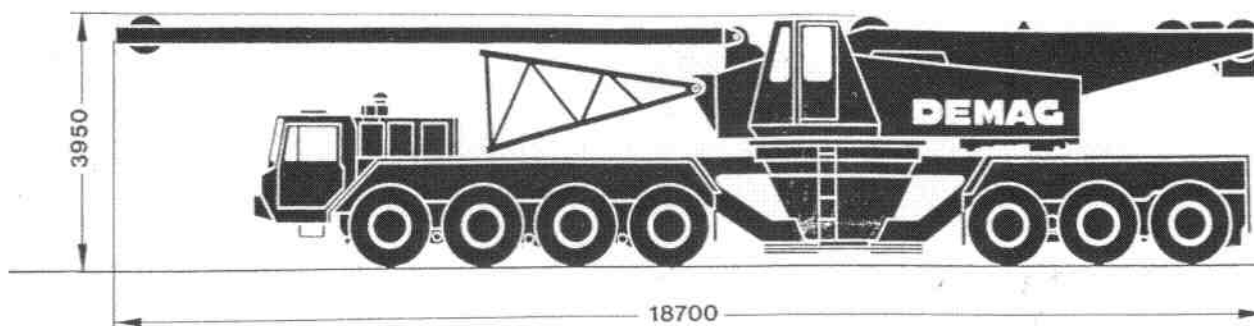
Châssis camion

Motor Engine Moteur	KHD-BF 12 L 413 F	luftgekühlt air-cooled refroidi par air
Bauart System Genre de moteur		12 Zyl.-4 Takt 12 cyl.-4 strokes 12 cyl.-4 temps
Leistung (DIN 70020) bei 2100 U/min Output (DIN 70020) at 2100 RPM Puissance (DIN 70020) à 2100 tr/mn		353 · kW (480 PS) 353 · kW (480 HP) 353 · kW (480 CH)
Inhalt des Kraftstoffbehälters Fuel-Tank Capacity Réservoir de carburant		300 l
Getriebe Transmission Transmission	12-Gang-Schaltgetriebe mit 2-Gang-Verteilergetriebe 12-Speed Main Transmission plus 2-Speed Transfer Case Boîte à 12 vitesses avec boîte de transfert à 2 rapports	
Antrieb Carrier Porteur		14 x 8
angetriebene Achsen Driving Axles Ponts moteurs		1., 2., 5., 6. 1st, 2nd, 5th, 6th 1 ^{er} , 2 ^e , 5 ^e , 6 ^e
gelenkte Achsen Steering Axles Essieux directeurs		1., 2., 3., 5., 6., 7. 1st, 2nd, 3rd, 5th, 6th, 7th 1 ^{er} , 2 ^e , 3 ^e , 5 ^e , 6 ^e , 7 ^e
Achsaufhängung Suspension Suspension		
Vorn: Front: AV:	1. u. 2. Achse Blattfedern, 3. u. 4. Achse hydraulische Federung 1st and 2nd Axles: Leaf Springs; 3rd and 4th = Hydraulic Suspension 1 ^{er} et 2 ^e essieux = Ressorts à lames; 3 ^e et 4 ^e = Suspension hydraulique	
Hinten: Rear: AR:	1. u. 2. Achse Schwingen, 3. Achse hydraulische Federung 1st and 2nd Axles = Walking Beams, 3rd = Hydraulic Suspension 1 ^{er} et 2 ^e essieux = Balanciers rigides; 3 ^e = Suspension hydraulique	
Abstützung: Outriggers: Appuis:	4 teilbare Stützträger mit hydr. Stützzylindern 4 articulated dismountable outrigger beams with hydraulic jack legs 4 appuis démontables et rabattables à vérins hydrauliques	

Achslasten

Axle Loads

Poids d'essieux



Vorderachsen

Front Axles

Essieux AV

1. + 2. ca. 19 000 kg

3. + 4. ca. 24 000 kg

Hinterachsen

Rear Axles

Essieux AR

1. + 2. ca. 22 500 kg

3. ca. 12 000 kg

Gesamt

Total

Total

77 500 kg

Andere Transportmöglichkeiten auf Anfrage (Mindesttransportgewicht: 65 t).

Ask manufacturer for possibilities to reduce road weight (lowest possible road weight: 65 t).

Demandez au constructeur les possibilités pour obtenir un poids roulant plus réduit (poids en ordre de marche le plus bas possible: 65 t).

Fahrleistungen

Carrier Performance

Performances du porteur

Fahrgeschwindigkeit

Travel Speeds

Vitesses de translation

Straßengang

High Range

Prise directe

6,3 60,9 km/h

Geländegang

Low Range

Petite vitesse

4,5 42,8 km/h

Kriechgang mechanisch

Creeper Range (mechanical)

Vitesse rampante (mécanique)

Straßengang

High Range

Prise directe

4,2 km/h

Geländegang

Low Range

Petite vitesse

3,0 km/h

Kleinste Geschwindigkeit bei max. Motordrehmoment

Lowest Speed at Maximum Torque

Vitesse mini au couple maximum

1,9 km/h

Steigfähigkeit

Gradeability

Rampe limite

max. 30 %

Oberwagen Superstructure Partie supérieure

Motor: Engine Moteur:	KHD-F 10 L 413		
Motorleistung Output Puissance	176 kW (240 PS) 176 kW (240 HP) 176 kW (240 CH)	bei 2300 U/min at 2300 RPM à 2300 tr/mn	
Kraftübertragung Transmission Transmission	Hydraulisch durch Axialkolbenpumpen Axial-Piston Hydraulic Pumps Pompes hydrauliques à pistons axiaux		
Windenantriebe Drum Drive Entrainement des treuils	Hydraulisch durch Axialkolbenmotor und Planetengetriebe Axial-Piston Hydraulic Motor and Planetary Drive Moteur hydraulique à pistons axiaux avec train planétaire		
Drehwerkantrieb Swing Drive Orientation	Hydraulisch durch Axialkolbenmotor und Planetengetriebe Axial-Piston Hydraulic Motor and Planetary Drive Moteur hydraulique à pistons axiaux avec train planétaire		
Steuerung Control Commande	Hydraulisch, Servosteuerung hydraulic hydraulique		

Arbeitsgeschwindigkeiten Working Speeds Vitesses de travail

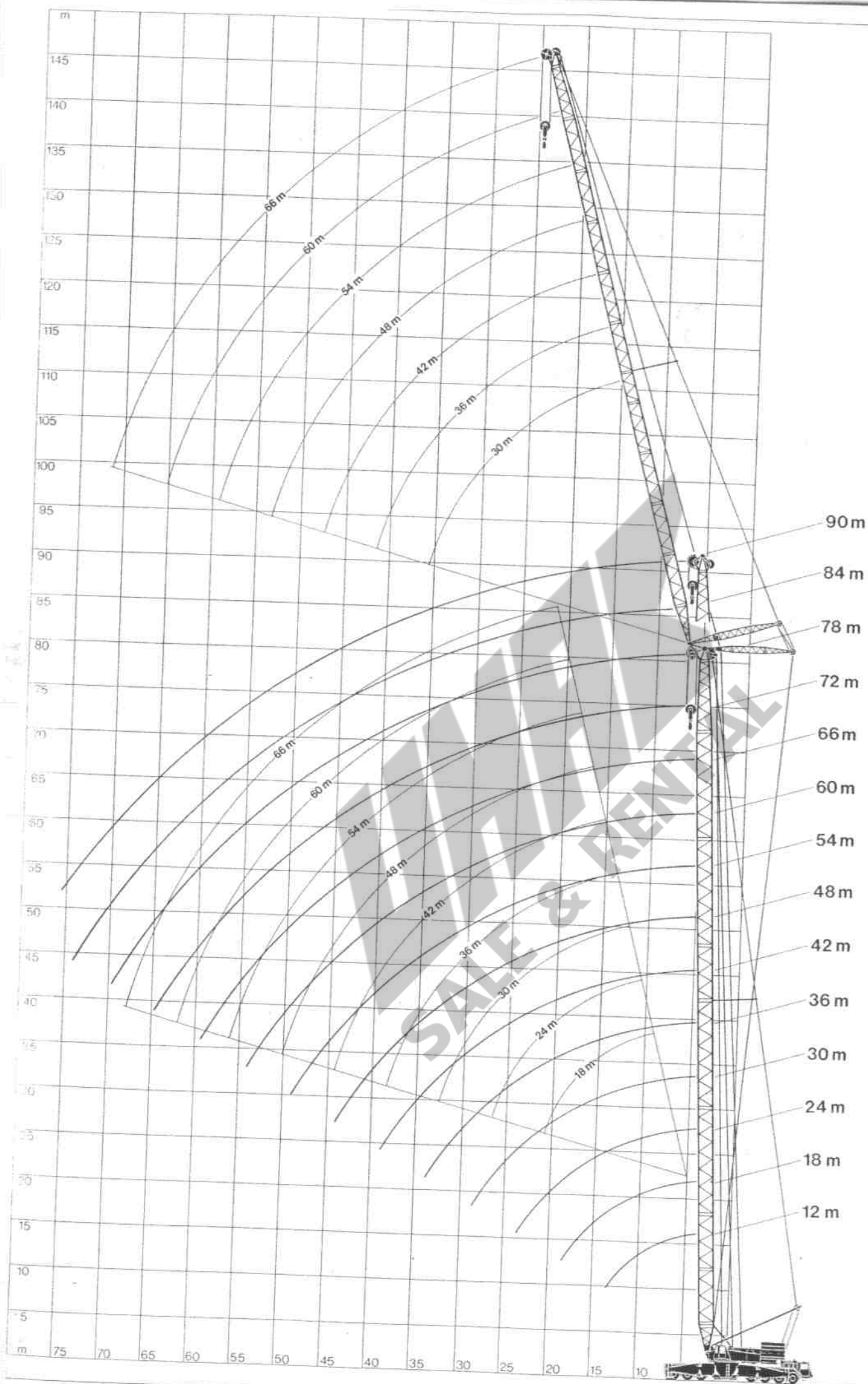
	Stufenlos regelbar Infinitely variable Infiniment réglables
Hubwerk I Main Hoist Levage sur Flèche	max. 90 m/min.
Hubwerk II Aux. Hoist Levage sur fléchette	max. 118 m/min.
Wippwerk Aux. Boom Hoist 2 ^e Treuil de relevage	max. 43 m/min.
Einziehwerk Main Boom Hoist Relevage de flèche	max. 36 m/min.
Drehwerk Swing Orientation	1,4 U/min. 1,4 RPM 1,4 tr/mn

Hubseile Hoist Lines Câbles de levage

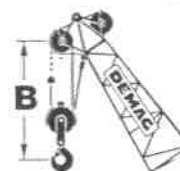
Hubwerk I: zulässiger Seilzug je Strang Main Hoist: Rope Pull, Single Line Levage sur flèche: Effort sur brin simple	11 700 kg (85 %) 10 400 kg (75 %)	Länge des Hubseils Length of Hoist Rope Longueur du câble de levage	850 m
Hubwerk II: zulässiger Seilzug je Strang Aux. Hoist: Rope Pull, Single Line Levage sur fléchette: Effort sur brin simple	8 300 kg	Länge des Hubseils Length of Hoist Rope Longueur du câble de levage	750 m

Ausleger Boom Flèche

	Hauptausleger Main Boom Flèche	max. Belastbarkeit Max. Allowable Lifting Load Charge limite	Hauptausleger + Hilfsausleger Main Boom + Jib Boom Flèche + fléchette
Mit Doppelrollenkopf Std. Hammer-Head Type Version «Tête de marteau normale»	12–90 m	280 t (85 %) 250 t (75 %)	–
Mit Einklappkopf Offset Jib-Folding Boom-Point Rallonge de tête, «fléchette pliable»	12–90 m	40 t	78 + 66 m



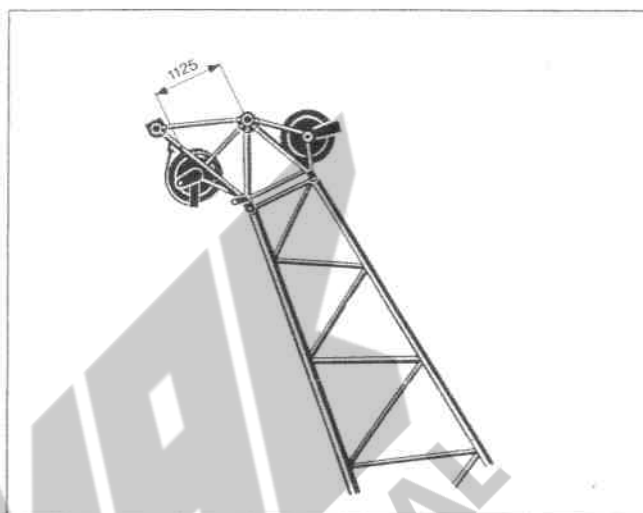
Unterflasche/Hakengehänge **Hook-Block/Crane Hook** **Crochet mouflé/Crochet simple**



Anzahl der Rollen Number of Sheaves Nombre de poulies	Tragfähigkeit Capacity Capacité	Gewicht Weight Poids	"B"
12	280 t (85 %) 250 t (75 %)	3 800 kg	3,20 m
6	125 t (85 %) 100 t (75 %)	2 240 kg	2,50 m
1	32 t (85 %) 25 t (75 %)	1 160 kg	2,00 m



Doppelrollenkopf
Std. Hammer Head
Tête de marteau



Einklappkopf
Offset-Jib-Folding Boom-Point
Rallonge de tête «fléchette pliable»

Anmerkungen über Tragfähigkeiten **Crane-Capacity Notes** **Conditions d'utilisation**

Tragfähigkeiten überschreiten nicht 85 %/75 % der Kipplast.
Berücksichtigte Windstärke
7 $\triangleq$ 15 kg/m² Staudruck $\triangleq$ 15,5 m/sec (85 %) bzw.
9 $\triangleq$ 25 kg/m² Staudruck $\triangleq$ 20 m/sec (75 %)
Kranbetrieb bis Windstärke 5 (5 kg/m² $\triangleq$ 9 m/sec) zulässig.

Capacities do not exceed 85 %/75 % of tipping load
Max. wind pressure: 15 kg/m² $\triangleq$ 15,5 m/sec (85 %)
25 kg/m² $\triangleq$ 20 m/sec (75 %)
Crane operation up to a wind force of 5° Beaufort scale
(5 kg/m² $\triangleq$ 9 m/sec) permissible.

Forces de levage n'excèdent pas 85 %/75 % de l'effort de renversement. Pression du vent max. autorisée:
15 kg/m² $\triangleq$ 15,5 m/sec (85 %)/25 kg/m² $\triangleq$ 20 m/sec (75 %).
Poussée du vent max. autorisée pour le travail en grue à crochet est de 5 kg/m² $\triangleq$ 9 m/sec.

Das Gewicht der Unterflasche bzw. des Lasthakens ist von den Tragfähigkeitsangaben abzuziehen.

Capacities include hook or hook-block

Le poids de la moufle ou du crochet est à déduire des charges.

Tragfähigkeiten 75 % entsprechen außerdem DIN 15019.2 (Prüflast = 1,25 x Hublast + 0,1 x Auslegereigengewicht, auf die Auslegerspitze reduziert)

The 75 % crane ratings furthermore comply with DIN 15019.2 (test load = 1.25 x lifting load + 0.1 x dead weight of boom reduced to the boom point)

Les charges à 75 % de l'effort de renversement sont conformes à DIN 15019.2 (charge d'essai = 1,25 x charge d'utilisation + 0,1 x poids propre de la flèche réduit à la tête de celle-ci)

Tragfähigkeit am wippbaren Hilfsausleger abgestützt, 360° **Lifting Capacities on Luffing Jib Boom, with Outriggers, over Ends and Sides (360°)** **Forces de levage en travers (360°), sur fléchette relevable, avec vérins**

75 %											75 %												
Hauptaus- leger Main Boom Flèche principale	Ausladung Radius Portée	Hilfsausleger · Jib Boom · Fléchette										Hauptaus- leger Main Boom Flèche principale	Ausladung Radius Portée	Hilfsausleger · Jib Boom · Fléchette									
		18 m	24 m	30 m	36 m	42 m	48 m	54 m	60 m	66 m	18 m			24 m	30 m	36 m	42 m	48 m	54 m	60 m	66 m		
	m	t	t	t	t	t	t	t	t	t		m	t	t	t	t	t	t	t	t			
18 m	12	100	97,4	79,4	58,6	-	-	-	-	-	12	-	56,4	-	-	-	-	-	-	-	-		
	14	100	92,6	76,4	57,0	45,4	-	-	-	-	14	-	54,7	45,5	-	-	-	-	-	-	-		
	16	83,0	83,3	73,2	57,0	44,7	-	-	-	-	16	-	53,1	44,5	37,2	-	-	-	-	-	-		
	18	70,7	70,8	70,5	54,9	44,7	32,8	-	-	-	18	-	51,5	43,5	36,5	29,3	24,1	-	-	-	-		
	20	61,3	61,4	61,2	52,8	44,0	31,9	23,2	20,4	-	20	-	49,9	42,8	35,9	28,9	23,9	19,2	-	-	-		
	22	-	54,2	53,9	50,8	43,2	31,0	22,6	19,3	17,4	22	-	48,3	41,6	35,3	28,6	23,6	19,0	15,4	-	-		
	24	-	48,3	48,1	47,8	42,4	30,1	22,0	18,6	16,4	24	-	46,7	40,5	34,6	28,4	23,3	18,8	15,2	12,3	-		
	26	-	43,5	43,4	43,1	41,6	29,3	21,4	17,8	15,6	26	-	45,1	39,7	33,9	28,0	23,1	18,6	15,1	12,1	-		
	28	-	-	-	-	-	-	-	-	-	28	-	40,9	36,6	33,3	27,7	22,9	18,5	14,9	11,8	-		
	30	-	-	39,4	39,1	38,6	28,6	20,8	17,0	14,6	30	-	-	37,5	32,7	27,4	22,6	18,2	14,7	11,5	-		
	34	-	-	36,1	35,8	35,3	27,6	20,3	16,1	13,8	34	-	-	33,7	30,2	26,6	22,1	18,0	14,3	11,2	-		
	38	-	-	-	30,4	30,0	26,7	19,4	15,2	12,4	38	-	-	-	28,7	25,8	21,6	17,6	13,9	10,7	-		
	42	-	-	-	26,3	25,9	22,3	17,6	13,4	10,3	42	-	-	-	-	24,1	21,0	17,3	13,4	10,1	-		
46	-	-	-	-	22,6	22,3	17,7	12,7	9,4	46	-	-	-	-	19,9	16,7	12,9	9,5	-	-			
50	-	-	-	-	-	19,7	16,7	12,7	8,6	50	-	-	-	-	18,8	16,2	12,4	9,0	-	-			
54	-	-	-	-	-	17,5	15,8	12,0	8,2	54	-	-	-	-	-	15,6	11,8	8,4	-	-			
58	-	-	-	-	-	-	15,0	11,3	7,4	58	-	-	-	-	-	-	10,4	7,2	-	-			
62	-	-	-	-	-	-	-	10,6	7,4	62	-	-	-	-	-	-	-	6,6	-	-			
24 m	12	100	89,1	70,6	55,2	-	-	-	-	-	12	-	-	-	-	-	-	-	-	-	-		
	14	97,0	83,6	67,2	53,7	43,0	-	-	-	-	14	-	-	-	-	-	-	-	-	-	-		
	16	84,5	78,5	64,2	52,2	42,6	32,0	-	-	-	16	-	-	-	-	-	-	-	-	-	-		
	18	71,8	73,7	64,2	52,2	42,1	31,5	23,5	19,9	16,1	18	-	-	-	-	-	-	-	-	-	-		
	20	62,4	64,4	61,2	50,7	42,1	31,5	23,5	19,9	16,1	20	-	-	-	-	-	-	-	-	-	-		
	22	-	56,8	57,3	49,3	41,7	30,7	22,9	19,3	15,5	22	-	-	-	-	-	-	-	-	-	-		
	24	-	50,8	51,1	47,3	41,2	30,0	22,4	18,7	14,8	24	-	-	-	-	-	-	-	-	-	-		
	26	-	45,9	46,0	45,7	40,6	29,3	21,9	18,1	14,8	26	-	-	-	-	-	-	-	-	-	-		
	28	-	-	41,8	41,5	40,1	28,6	21,4	17,5	14,1	28	-	-	-	-	-	-	-	-	-	-		
	30	-	-	38,2	38,0	37,5	27,9	20,8	16,9	13,5	30	-	-	-	-	-	-	-	-	-	-		
	34	-	-	-	32,3	31,8	26,6	19,8	15,8	12,3	34	-	-	-	-	-	-	-	-	-	-		
	38	-	-	-	27,8	27,5	23,3	18,7	14,7	11,2	38	-	-	-	-	-	-	-	-	-	-		
	42	-	-	-	-	24,0	23,7	17,8	13,6	10,3	42	-	-	-	-	-	-	-	-	-	-		
46	-	-	-	-	-	20,9	16,8	12,6	9,3	46	-	-	-	-	-	-	-	-	-	-			
50	-	-	-	-	-	18,6	15,8	11,8	8,4	50	-	-	-	-	-	-	-	-	-	-			
54	-	-	-	-	-	15,0	11,0	7,7		54	-	-	-	-	-	-	-	-	-	-			
58	-	-	-	-	-	-	10,4	7,0		58	-	-	-	-	-	-	-	-	-	-			
62	-	-	-	-	-	-	9,7	6,5		62	-	-	-	-	-	-	-	-	-	-			
30 m	10	100	-	-	-	-	-	-	-	-	10	-	-	-	-	-	-	-	-	-	-		
	12	94,1	82,0	-	-	-	-	-	-	-	12	-	-	-	-	-	-	-	-	-	-		
	14	88,9	77,4	65,3	51,5	40,1	-	-	-	-	14	-	-	-	-	-	-	-	-	-	-		
	16	84,5	72,8	62,5	50,3	39,8	30,8	-	-	-	16	-	-	-	-	-	-	-	-	-	-		
	18	73,0	68,6	59,8	49,1	39,0	30,3	23,2	18,9	15,6	18	-	-	-	-	-	-	-	-	-	-		
	20	63,3	65,1	57,3	47,8	39,4	30,3	23,2	18,9	15,6	20	-	-	-	-	-	-	-	-	-	-		
	22	-	57,5	54,9	46,5	39,0	26,9	22,1	18,3	15,0	22	-	-	-	-	-	-	-	-	-	-		
	24	-	51,3	52,1	45,2	38,5	29,0	22,1	18,3	15,0	24	-	-	-	-	-	-	-	-	-	-		
	26	-	46,3	47,0	43,6	38,1	28,4	21,6	17,7	14,5	26	-	-	-	-	-	-	-	-	-	-		
	28	-	-	42,7	42,4	37,6	27,8	21,2	17,2	14,0	28	-	-	-	-	-	-	-	-	-	-		
	30	-	-	39,1	39,3	37,2	27,3	20,7	16,7	13,3	30	-	-	-	-	-	-	-	-	-	-		
	34	-	-	-	33,5	33,0	26,0	19,7	15,6	12,3	34	-	-	-	-	-	-	-	-	-	-		
	38	-	-	-	29,1	28,5	24,8	18,7	14,6	11,2	38	-	-	-	-	-	-	-	-	-	-		
42	-	-	-	-	24,9	23,8	18,3	13,5	10,3	42	-	-	-	-	-	-	-	-	-	-			
46	-	-	-	-	-	21,7	18,9	12,6	9,4	46	-	-	-	-	-	-	-	-	-	-			
50	-	-	-	-	-	19,3	15,9	11,8	8,5	50	-	-	-	-	-	-	-	-	-	-			
54	-	-	-	-	-	15,0	11,1	7,7		54	-	-	-	-	-	-	-	-	-	-			
58	-	-	-	-	-	-	10,4	7,0		58	-	-	-	-	-	-	-	-	-	-			
62	-	-	-	-	-	-	9,8	6,5		62	-	-	-	-	-	-	-	-	-	-			
36 m	10	90,6	75,7	60,0	46,9	37,6	29,3	22,6	18,2	14,8	10	-	-	-	-	-	-	-	-	-	-		
	12	86,7	71,7	57,9	45,9	37,3	29,3	22,6	18,2	14,8	12	-	-	-	-	-	-	-	-	-	-		
	14	82,3	67,4	55,7	44,8	37,0	28,8	22,2	17,7	14,4	14	-	-	-	-	-	-	-	-	-	-		
	16	78,1	64,0	55,7	44,8	37,0	28,8	22,2	17,7	14,4	16	-	-	-	-	-	-	-	-	-	-		
	18	74,2	60,9	53,6	44,8	37,0	28,8	22,2	17,7	14,4	18	-	-	-	-	-	-	-	-	-	-		
	20	64,2	60,9	53,6	44,8	37,0	28,8	22,2	17,7	14,4	20	-	-	-	-	-	-	-	-	-	-		
	22	58,5	58,1	51,7	43,6	36,5	28,3	22,2	17,7	14,4	22	-	-	-	-	-	-	-	-	-	-		
	24	-	51,9	49,6	42,5	36,1	27,9	21,8	17,7	14,4	24	-	-	-	-	-	-	-	-	-	-		
	26	-	46,8	47,5	41,3	35,7	27,3	21,3	17,3	13,9	26	-	-	-	-	-	-	-	-	-	-		
	28	-	-	43,1	40,1	35,2	26,8	20,9	16,8	13,5	28	-	-	-	-	-	-	-	-	-	-		
	30	-	-	39,5	38,8	34,6	26,4	20,4	16,4	13,0	30	-	-	-	-	-	-	-	-	-	-		
	34	-	-	-	36,2	33,5	25,3	19,6	14,6	11,3	34	-	-	-	-	-	-	-	-	-	-		
	38	-	-	-	29,3	29,0	23,5	17,9	13,7	10,4	38	-	-	-	-	-	-	-	-	-	-		
42	-	-	-	-	25,5	22,1	17,0	12,5	9,5	42	-	-	-	-	-	-	-	-	-	-			
46	-	-	-	-	-	19,6	16,1	11,9	8,6	46	-	-	-	-	-	-	-	-	-	-			
50	-	-	-	-	-	15,2	11,1	7,7		50	-	-	-	-	-	-	-	-	-	-			
54	-	-	-	-	-	-	10,4	7,0		54	-	-	-	-	-	-	-	-	-	-			
58	-	-	-	-	-	-	9,8	6,5		58	-	-	-	-	-	-	-	-	-	-			
62	-	-	-	-	-	-	-	-		62	-	-	-	-	-	-	-	-	-	-			
42 m	12	-	68,0	-	-	-	-	-	-	-	12	-	-	-	-	-	-	-	-	-	-		
	14	-	65,1	54,5	-	-	-	-	-	-	14	-	-	-	-	-	-	-	-	-	-		
	16	-	62,3	52,8	43,3	34,8	-	-	-	-	16	-	-	-	-	-	-	-	-	-	-		
	18	-	59,6	51,1	42,5	34,1	27,3	21,8	-	-	18	-	-	-	-	-	-	-	-	-	-		
	20	-	57,2	49,4	40,6	33,7	26,8	21,5	17,3	-													

Tragfähigkeit am Hauptausleger abgestützt, 360° (mit Doppelrollenkopf)

Lifting Capacities on Main Boom, with Outriggers, over Ends and Sides (360°) (Std. Hammer Head)

Forces de levage en travers (360°), sur flèche principale, avec vérins (Tête de marteau)

Ausleger Boom Flèche	Ausladung Radius Portée	85 %	75 %	Ausleger Boom Flèche	Ausladung Radius Portée	85 %	75 %	Ausleger Boom Flèche	Ausladung Radius Portée	85 %	75 %
	m	t	t		m	t	t		m	t	t
12 m	6	280	250	48 m	9	176	160	72 m	10	88,0	77,0
	7	250	230		10	164	150		11	85,0	75,0
	8	226	199		11	150	135		12	83,0	72,8
	9	199	175		12	138	121		14	78,0	68,8
	10	177	155		14	115	101		16	73,8	65,1
	11	160	140		16	97,8	86,2		18	69,8	61,6
	12	144	126		18	85,1	75,0		20	66,1	58,3
18 m	6	280	250	54 m	20	75,1	66,2	78 m	22	62,8	55,2
	7	250	229		22	67,0	59,1		24	57,5	50,8
	8	225	197		24	60,3	53,2		26	51,9	45,9
	9	197	173		26	54,8	48,3		28	47,2	41,7
	10	176	154		28	50,1	44,2		30	43,1	38,1
	11	158	139		30	46,0	40,6		34	36,4	32,2
	12	142	125		34	38,8	34,5		38	30,6	27,2
24 m	14	119	105	60 m	38	33,1	29,4	84 m	42	26,0	23,2
	16	103	90,4		42	28,7	25,5		46	22,4	20,0
	18	90,2	79,4		9	154	140		50	19,5	17,4
30 m	7	250	228		10	149	134		54	17,0	15,2
	8	224	196		11	143	127		58	15,0	13,3
	9	196	172		12	136	120		62	13,3	11,7
	10	175	153		14	114	100	90 m	10	74,0	65,0
	11	156	138		16	97,1	85,6		11	71,0	62,5
	12	141	124		18	84,4	74,4		12	69,0	60,0
	14	118	104		20	74,4	65,6		14	64,3	56,7
36 m	16	101	89,4		22	66,3	58,5		16	60,0	52,9
	18	88,8	78,3		24	59,6	52,6		18	56,5	49,9
	20	78,9	69,5		26	54,1	47,7		20	53,1	46,1
42 m	22	70,9	62,5		28	49,3	43,5		22	50,0	44,1
	7	250	227		30	45,3	40,0		24	47,1	41,6
	8	223	196		34	38,2	33,9		26	44,5	39,3
	9	195	171		38	32,4	28,8		28	42,1	37,1
	10	174	152		42	28,0	24,8		30	39,9	35,3
	11	155	137		46	24,5	21,7		34	35,6	31,4
	12	140	123	66 m	10	132	120		38	30,2	26,6
48 m	14	117	103		11	126	115		42	25,6	22,5
	16	100	88,5		12	121	110		46	22,0	19,3
	18	87,5	77,4		14	109	98,8		50	19,0	16,7
	20	77,6	68,6		16	96,4	84,9		54	16,6	14,4
	22	69,6	61,5		18	83,7	73,7		58	14,5	12,5
	24	63,0	55,7		20	73,7	64,9		62	12,8	10,9
	26	57,6	50,9		22	65,6	57,8		66	11,3	9,5
54 m	28	53,0	46,8		24	59,0	51,9		70	10,0	8,3
	7	231	210	72 m	26	53,4	47,0	84 m	11	60,0	53,0
	8	212	195		28	48,7	42,8		12	57,0	50,8
	9	194	171		30	44,6	39,2		14	52,8	46,5
	10	173	152		34	37,7	33,3		16	49,0	43,2
	11	154	136		38	31,8	28,2		18	45,5	39,8
	12	139	122		42	27,3	24,2		20	42,5	37,5
	14	116	102		46	23,8	21,0		22	39,9	35,2
60 m	16	99,3	87,9		50	20,9	18,5		24	37,5	33,1
	18	86,6	76,5		54	18,6	16,4		26	35,2	31,1
	20	76,7	67,7	78 m	10	108	95,0		28	33,2	29,3
	22	68,6	60,6		11	102	90,0		30	31,4	27,7
	24	62,0	54,8		12	98,0	86,5		34	28,0	24,8
	26	56,5	49,9		14	91,5	80,7		38	25,3	22,3
	28	51,8	45,8		16	86,8	76,6		42	22,7	20,0
	30	47,8	42,3		18	82,5	73,0		46	20,5	18,1
66 m	8	198	180		20	73,0	64,2	84 m	50	18,5	16,1
	9	185	170		22	64,9	57,1		54	16,0	13,8
	10	172	151		24	58,2	51,3		58	13,9	11,8
	11	153	135		26	52,7	46,3		62	12,1	10,2
	12	138	121		28	47,9	42,2		66	10,6	8,8
	14	115	102		30	43,8	38,6		70	9,3	7,5
	16	98,6	86,9		34	37,0	32,7	90 m	11	53,0	47,0
72 m	18	85,9	75,7		38	31,2	27,6		12	50,0	44,3
	20	75,9	66,9		42	26,7	23,6		14	46,0	40,6
	22	67,8	59,8		46	23,1	20,4		16	42,0	37,1
	24	61,2	54,0		50	20,1	17,8		18	38,5	34,0
	26	55,7	49,1		54	17,8	15,7		20	35,6	31,5
	28	51,0	44,9		58	15,8	14,0		22	33,3	29,3
	30	46,9	41,4	84 m	10	108	95,0		24	31,0	27,3
78 m	34	36,9	35,1		11	102	90,0		26	28,8	25,4
	38	34,0	30,1		12	98,0	86,5		28	26,9	23,7
	8	198	180		14	91,5	80,7		30	25,0	22,1
	9	185	170		16	86,8	76,6		34	22,0	19,5
	10	172	151		18	82,5	73,0		38	19,5	17,2
	11	153	135		20	73,0	64,2		42	17,1	15,2
	12	138	121		22	64,9	57,1		46	15,1	13,3
84 m	14	115	102		24	58,2	51,3		50	13,7	11,5
	16	98,6	86,9		26	52,7	46,3		54	12,2	9,5
	18	85,9	75,7		28	47,9	42,2		58	10,6	7,9
	20	75,9	66,9		30	43,8	38,6		62	9,4	6,5
	22	67,8	59,8		34	37,0	32,7		66	8,1	5,3
	24	61,2	54,0		38	31,2	27,6		70	7,1	4,2
	26	55,7	49,1		42	26,7	23,6				

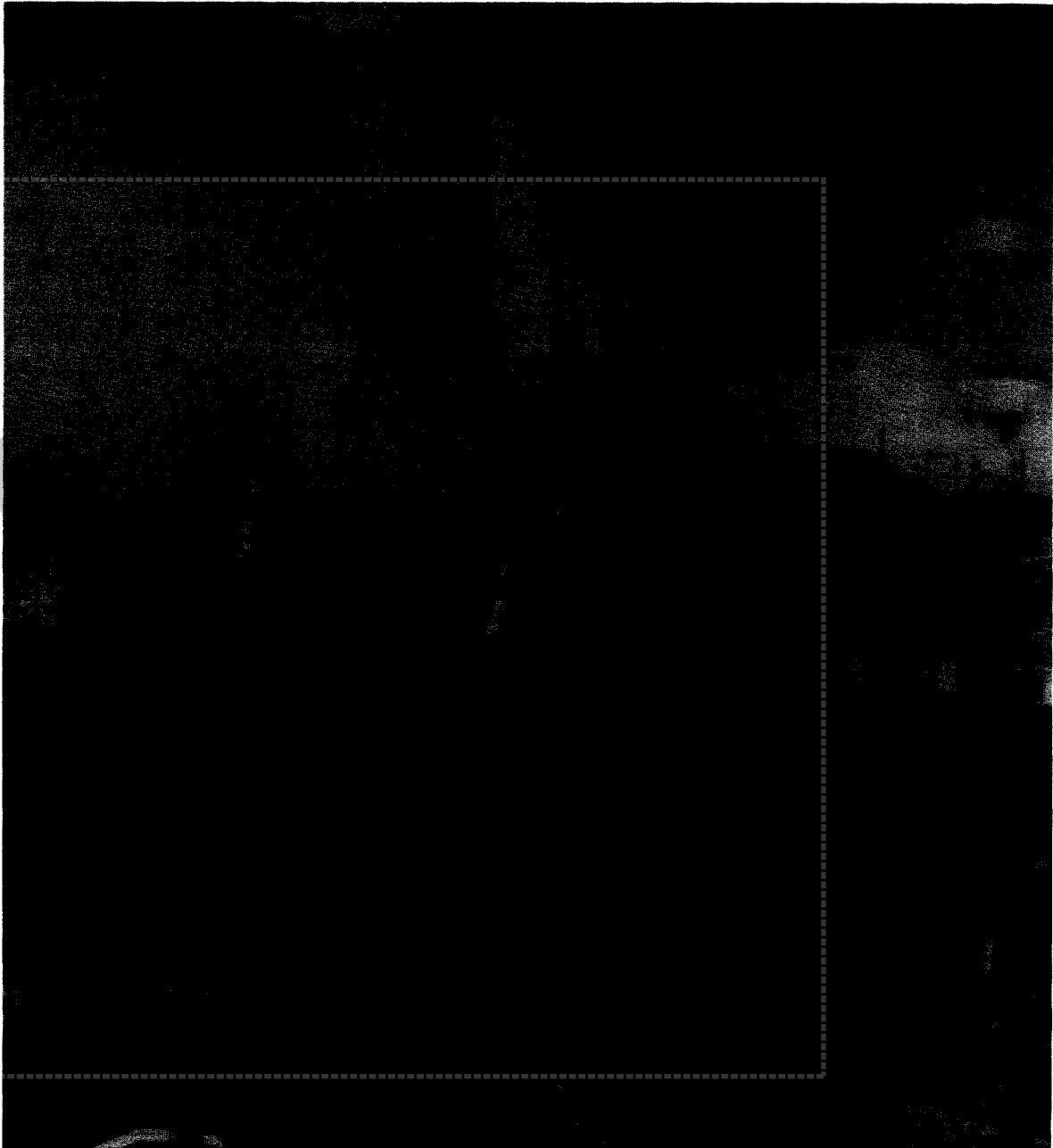
Die Werte über der Trennlinie basieren auf Bauteilefestigkeit, die Werte unterhalb der Trennlinie auf Standsicherheit.

All capacities above the parting line are based upon structural strength. The capacities below the parting line are based on stability for the percentage of tipping load indicated.

Les charges au-dessus de la ligne séparatrice se basent sur la résistance du matériau.

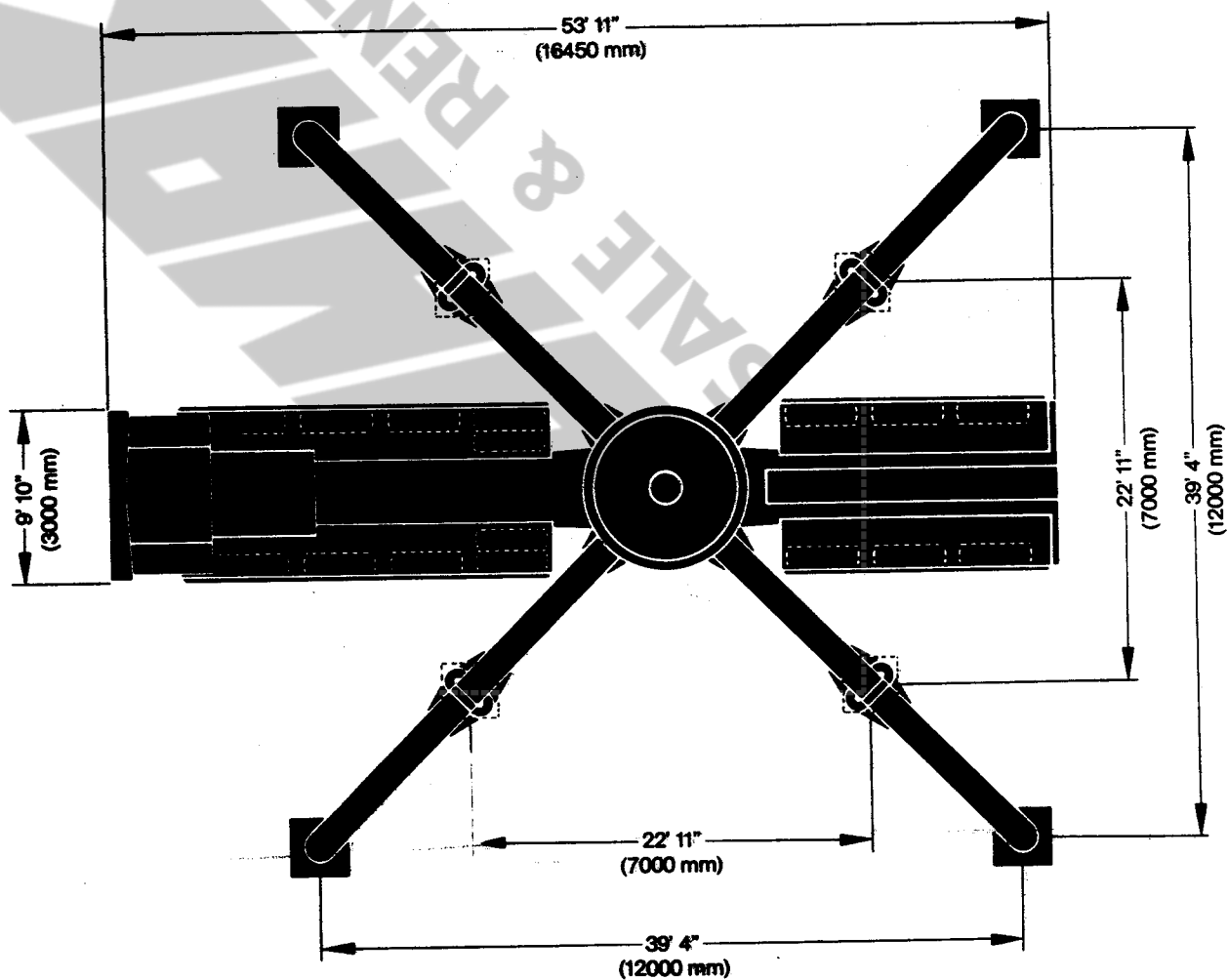
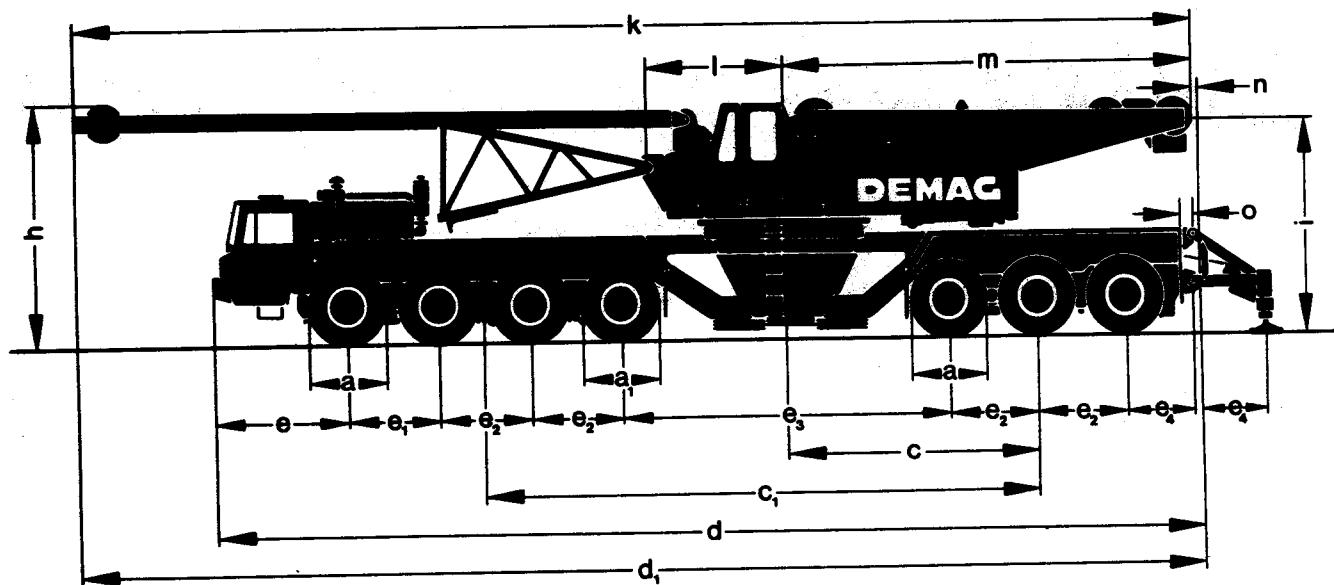
Les charges au-dessous de la ligne séparatrice se basent sur la stabilité pour la charge de basculement indiquée.

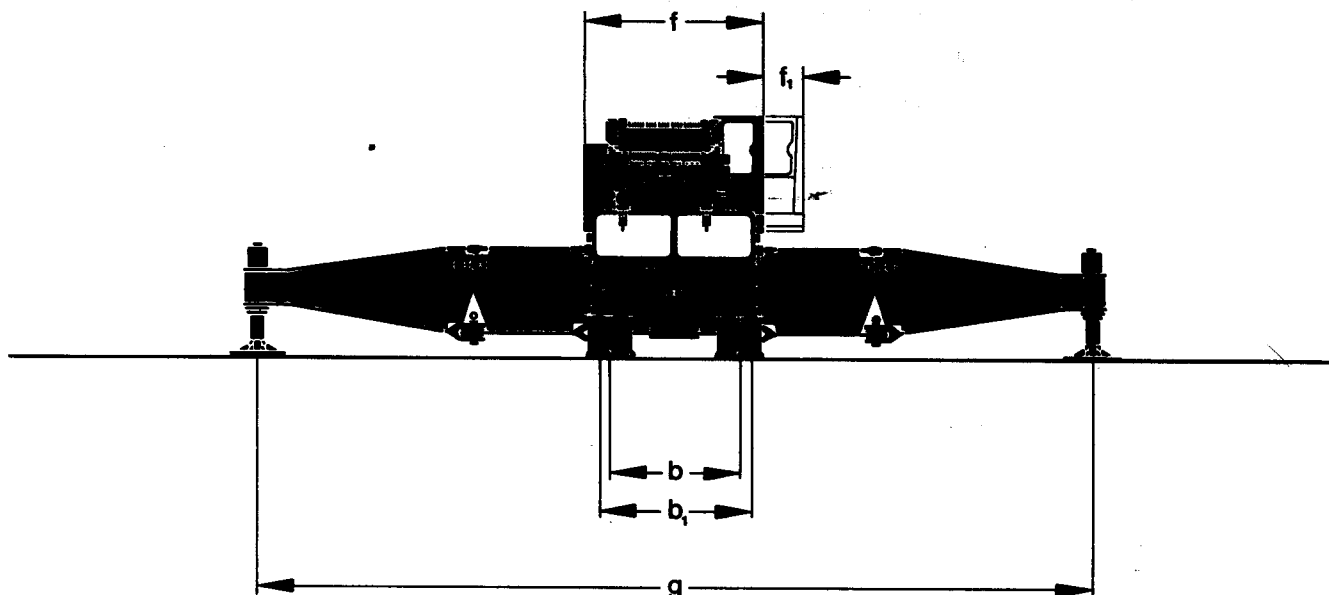
Lattice-Boom Crane TC 1200



DEMAG
Baumaschinen

Basic Machine



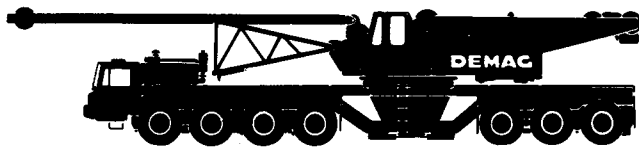


a	14.00 - 24, PR 22	d	54' 9" (16 710 mm)	e ₄	3' (1 150 mm)	k	61' 4" (18 700 mm)
a ₁	12.00 - 24, PR 20	d ₁	62' 2" (18 950 mm)	f	9' 10" (3 000 mm)	l	7' 2" (2 200 mm)
b	7' 1" (2 170 mm*)	e	8' (2 450 mm)	f ₁	2' 4" (700 mm)	m	22' (6 710 mm)
b ₁	8' 5" (2 503 mm)	e ₁	5' 3" (1 600 mm)	g	39' 4" (12 000 mm)	n	10" (250 mm)
c	13' 9" (4 200 mm)	e ₂	4' 11" (1 500 mm)	h	12' 11" (3 950 mm)	o	6" (150 mm)
c ₁	30' (9 150 mm)	e ₃	17' 8" (5 400 mm)	i	11' 2" (3 600 mm)		

* 4th Front Axle

Truck Carrier

Engine	KHD BF 12 L 413
System	12 cyl.-4 strokes
Output at 2500 RPM	310 kW (420 HP)
Cooling	air
Fuel-Tank Capacity	80 gal. (300 liters)
Transmission	12-Speed Main Transmission plus 2-Speed Transfer Case
Carrier	14 x 8
Suspension	
Front	1st and 2nd Axles: Leaf springs; 3rd and 4 th = Hydraulic suspension
Rear	1st and 2nd Axles = Walking Beams, 3rd = Hydraulic suspension
Outriggers	4 articulated dismountable outrigger beams with hydraulic jack legs



Axle Loads

		1st front	2nd front	3rd front	4th front	1st rear	2nd rear	3rd rear	Total
		tons	tons	tons	tons	tons	tons	tons	tons
Crane in travel order without outriggers, basic boom, and mast gantry	Loading of hydraulically sprung axles 13.2 tons	10.4	10.4	13.2	13.2	12.5	12.5	13.2	85.4
	Loading of hydraulically sprung axles 11.0 tons	11.7	11.7	11.0	11.0	14.5	14.5	11.0	85.4

Change of road weight after removal of assemblies:

2nd Hoist Drum with Cable	-0.27	-0.27	-	-	-1.48	-1.48	-	-3.50
Jib-Boom Luffing Drum with Cable	-0.30	-0.30	-	-	-0.85	-0.85	-	-2.30
Aux. Hoist Cable	-0.18	-0.18	-	-	-1.00	-1.00	-	-2.36
Jib-Boom-Luffing Cable	-0.14	-0.14	-	-	-0.41	-0.41	-	-1.10
Main Hoist and Boom-Hoist Cables	-0.73	-0.73	-	-	-1.91	-1.91	-	-5.28
Basic Boom plus Mast Gantry	-2.64	-2.64	-	-	+0.14	+0.14	-	-5.00



11.5 11.5 11.0 11.0 7.7 7.7 11.0 71.4



8.0 8.0 5.5 5.5 5.9 5.9 5.5 44.3

Carrier Performance

Travel Speeds

High Range 3.9 ... 37.5 mph (6.3 ... 60.3 km/h) Low Range 2.7 ... 26.3 mph (4.4 ... 42.4 km/h)

Creeper Range (mechanical)

High Range 2.5 mph (4.1 km/h) Low Range 1.8 mph (2.9 km/h)

Lowest Speed at Maximum Torque 1.1 mph (1.8 km/h)

Gradeability max. 30%

Superstructure

Engine	KHD F 10 L 413
Output at 2300 RPM	176 kW (240 HP)
Transmission	Axial-Piston Hydraulic Pumps
Drum Drive	Axial-Piston Hydraulic Motor and Planetary Drive
Swing Drive	Axial-Piston Hydraulic Motor and Planetary Drive
Control	hydraulic

Working Speeds

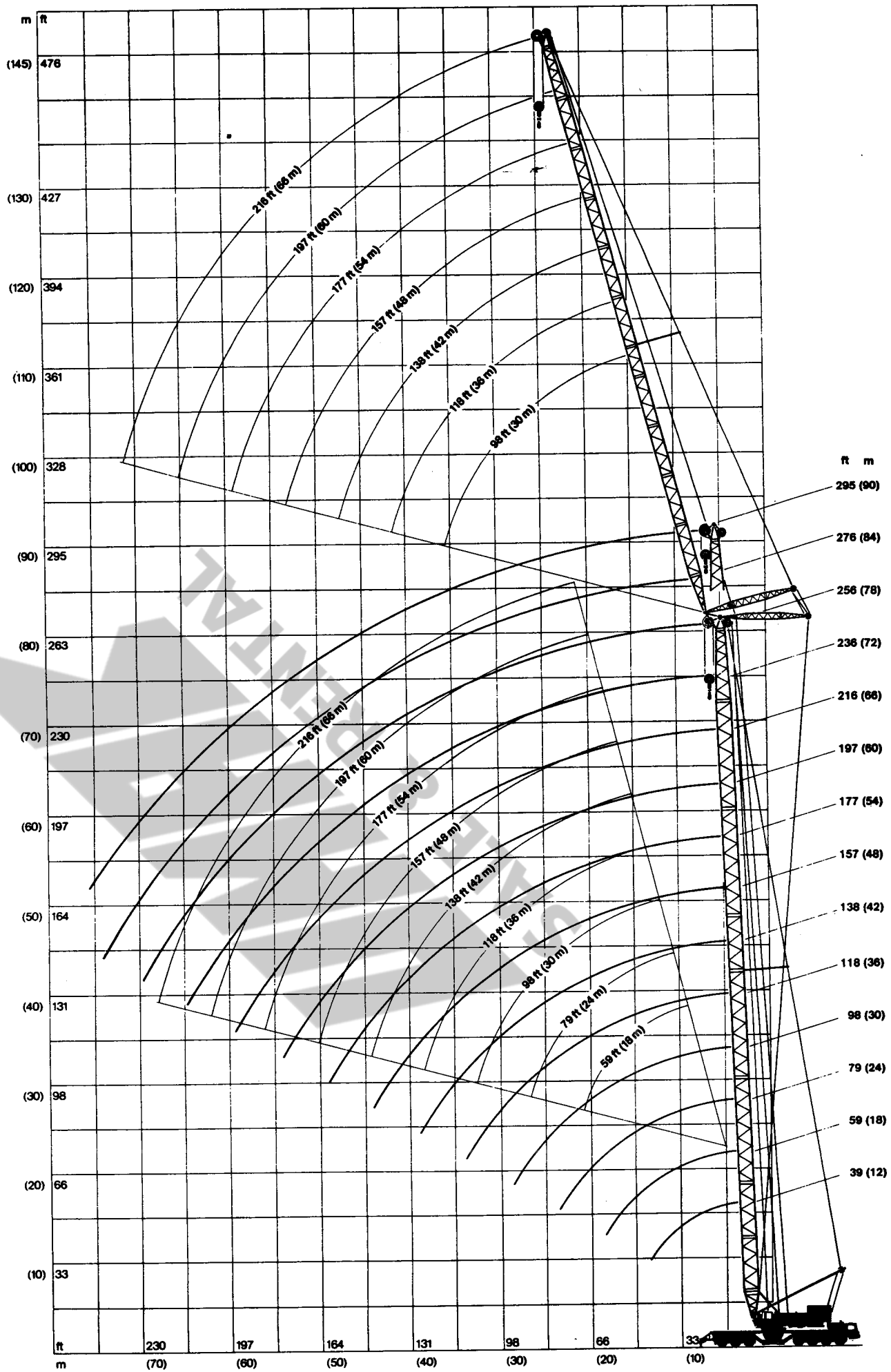
	Infinitely variable
Main Hoist	max. 295 ft./min. (max. 90 m/min.)
Aux. Hoist	max. 387 ft./min. (max. 118 m/min.)
Aux. Boom Hoist	max. 141 ft./min. (max. 43 m/min.)
Main Boom Hoist	max. 118 ft./min. (max. 36 m/min.)
Swing	1.4 RPM

Cables

Main Hoist: Rope Pull, Single Line	25.794 lb. (11700 kg) 85% 22.928 lb. (10400 kg) 75%	Aux. Hoist: Rope Pull, Single Line	18.298 lb. (8300 kg)
Length of Cables	2789 ft. (850 m)	Length of Cables	2460 ft. (750 m)
Dia. of Cables	1 7/64" (28 mm)	Dia. of Cables	1 7/64" (28 mm)
Main Boom Hoist Length of Cables	1558 ft. (475 m)	Aux. Boom Hoist Length of Cables	1148 ft. (370 m)
Dia. of Cables	1 1/32" (26 mm)	Dia. of Cables	1 1/32" (26 mm)

Boom

	Main Boom	Max. Allowable Lifting Load	Main Boom + Jib Boom
Std. Hammer-Head Type	39—295 ft. (12—90 m)	308 tons (280 t) 85% 275 tons (250 t) 75%	—
Offset Jib-Folding Boom-Point	39—295 ft. (12—90 m)	44 tons (40 t)	256 + 216 ft. (78 + 66 m)



Lifting Capacities on Main Boom, with Outriggers, over Ends and Sides (360°) (Std. Hammer Head)

Boom	Radius		85 %	
	ft	m	tons	t
39 ft (12 m)	20	(6)	308	280
	23	(7)	275	250
	26	(8)	253	226
	30	(9)	215	199
	33	(10)	193	177
	36	(11)	176.5	160
	40	(12)	156	144
59 ft (18 m)	20	(6)	308	280
	23	(7)	275	250
	26	(8)	252	225
	30	(9)	213.5	197
	33	(10)	192	176
	36	(11)	174.2	158
	40	(12)	153.5	142
	46	(14)	131	119
	53	(16)	112	103
79 ft (24 m)	23	(7)	275	250
	26	(8)	251.5	224
	30	(9)	212.5	196
	33	(10)	191	175
	36	(11)	172	156
	40	(12)	153	141
	46	(14)	130	118
	53	(16)	110	101
	59	(18)	98	88.8
98 ft (30 m)	23	(7)	275	250
	26	(8)	249	223
	30	(9)	211	195
	33	(10)	189	174
	36	(11)	171	155
	40	(12)	152	140
	46	(14)	129	117
	53	(16)	108.5	100
	59	(18)	96.5	87.5
118 ft (36 m)	23	(7)	255	231
	26	(8)	236	212
	30	(9)	211	194
	33	(10)	190	173
	36	(11)	170	154
	40	(12)	150	139
	46	(14)	127.5	116
	53	(16)	108.5	99.3
	59	(18)	95.4	86.6
138 ft (42 m)	26	(8)	218	198
	30	(9)	204	185
	33	(10)	188	172
	36	(11)	168.8	153
	40	(12)	148.5	138
	46	(14)	126.5	115
	53	(16)	106.5	98.6
	59	(18)	94.5	85.9
	66	(20)	83	75.9
157 ft (48 m)	26	(8)	218	198
	30	(9)	204	185
	33	(10)	188	172
	36	(11)	168.8	153
	40	(12)	148.5	138
	46	(14)	126.5	115
	53	(16)	106.5	98.6
	59	(18)	94.5	85.9
	66	(20)	83	75.9

Boom	Radius		85 %	
	ft	m	tons	t
177 ft (54 m)	30	(9)	170	154
	33	(10)	164	149
	36	(11)	157.7	143
	40	(12)	147	136
	46	(14)	125.5	114
	53	(16)	105.5	97.1
	59	(18)	93	84.4
	66	(20)	81	74.4
	72	(22)	73.2	66.3
	79	(24)	65.5	59.6
	85	(26)	59.8	54.1
	92	(28)	54	49.3
	98	(30)	50	45.3
	110	(34)	42.6	38.2
197 ft (60 m)	125	(38)	35.5	32.4
	140	(42)	30	28.0
	150	(46)	27	24.5
	33	(10)	145.5	132
	36	(11)	139	126
	40	(12)	132	121
	46	(14)	120	109
	53	(16)	104.5	96.4
	59	(18)	92	83.7
	66	(20)	80.5	73.7
	72	(22)	72.3	65.6
	79	(24)	64.8	59.0
	85	(26)	59	53.4
	92	(28)	53.5	48.7
216 ft (66 m)	98	(30)	49.5	44.6
	110	(34)	42	37.7
	125	(38)	34.8	31.8
	140	(42)	29	27.3
	150	(46)	26.4	23.8
	165	(50)	22.5	20.9
	180	(54)	20	18.6
	33	(10)	119	108
	36	(11)	112.5	102
	40	(12)	107	98.0
	46	(14)	100.5	91.5
	53	(16)	95	86.8
	59	(18)	91	82.5
	66	(20)	80	73.0
236 ft (72 m)	72	(22)	71.5	64.9
	79	(24)	64	58.2
	85	(26)	58.2	52.7
	92	(28)	52.8	47.9
	98	(30)	48.5	43.8
	110	(34)	41.2	37.0
	125	(38)	34	31.2
	140	(42)	29	26.7
	150	(46)	26	23.1
	165	(50)	21.8	20.1
	180	(54)	19	17.8
	190	(58)	17.5	15.8
	33	(10)	97	88.0
	36	(11)	93.6	85.0
256 ft (78 m)	40	(12)	91.3	83.0
	46	(14)	85.9	78.0
	53	(16)	81	73.8
	59	(18)	77	69.8
	66	(20)	71.5	66.1
	72	(22)	69.2	62.8
	79	(24)	63.5	57.5
	85	(26)	57.5	51.9
	92	(28)	52	47.2
	98	(30)	47.5	43.1
	110	(34)	41	36.4
	125	(38)	33.5	30.6
	140	(42)	28	26.0
	150	(46)	25	22.4
276 ft (84 m)	165	(50)	21.3	19.5
	180	(54)	18	17.0
	190	(58)	16.5	15.0
	205	(62)	14.5	13.3
	33	(10)	81.5	74.0
	36	(11)	78.3	71.0
	40	(12)	75.5	69.0
	46	(14)	70.8	64.3
	53	(16)	55.7	60.0
	59	(18)	62.3	56.5
	66	(20)	58	53.1
	72	(22)	55.1	50.0
	79	(24)	51.7	47.1
	85	(26)	49.2	44.5
295 ft (90 m)	92	(28)	46.3	42.1
	98	(30)	44	39.9
	110	(34)	39.5	35.6
	125	(38)	33	30.2
	140	(42)	27.5	25.6
	150	(46)	24.5	22.0
	165	(50)	20.5	19.0
	180	(54)	17.5	16.6
	190	(58)	16	14.5
	205	(62)	13.8	12.8
	220	(66)	12	11.3
	230	(70)	11	10.0
	33	(10)	58.4	53.0
	40	(12)	54.2	50.0
	46	(14)	50.7	46.0
	53	(16)	46	42.0
	59	(18)	42.4	38.5
	66	(20)	39	35.6
	72	(22)	36.7	33.3
	79	(24)	34	31.0
	85	(26)	32	28.8
	92	(28)	29.5	26.9
	98	(30)	28	25.0
	110	(34)	24.8	22.0
	125	(38)	21.5	19.5
	140	(42)	18.2	17.1
	150	(46)	17	15.1
	165	(50)	15.6	13.7
	180	(54)	13	12.2
	190	(58)	11.7	10.6
	205	(62)	10.1	9.4
	220	(66)	8.5	8.1
	230	(70)	7.8	7.1

All capacities above the parting line are based upon structural strength. The capacities below the parting line are based on stability for the percentage of tipping load indicated.

Crane-Capacity Notes

Capacities do not exceed 85 % of tipping load. (Main Boom)

Max. wind pressure: 3 lb./sqft. (15 kg/m²)
 Δ 50.8 ft./sec. (15.5 m/sec)

Crane operation up to a wind force of 5° Beaufort scale

1 lb./sqft. (5 kg/m²) Δ 29.5 ft./sec. (9 m/sec) permissible.

Capacities include hook or hook-block.

The 75 % crane ratings furthermore comply with DIN 15019.2 (test load = 1.25 $\times$ lifting load + 0.1 $\times$ dead weight of boom reduced to the boom point).

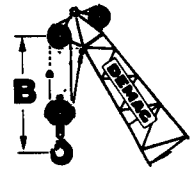
Based on a main-boom angle of 88°.

Crane operation up to a wind velocity of 5° Beaufort scale 1 lb./sqft. (5 kg/m²) Δ 29.5 ft./sec. (9 m/sec) permissible.

Lifting Capacities on Luffing Jib Boom, with Outriggers, over Ends and Sides (360°)

		Length of Jib Boom									
Main Boom	Radius	59 ft (18 m)	79 ft (24 m)	98 ft (30 m)	118 ft (36 m)	138 ft (42 m)	158 ft (48 m)	177 ft (54 m)	197 ft (60 m)	217 ft (66 m)	
	ft m	tons t	tons t	tons t	tons t	tons t	tons t	tons t	tons t	tons t	tons t
157 ft (48 m)	92 (28)	—	—	46.0 43.4	44.1 40.1	38.3 34.9	32.7 29.8	26.9 24.5	21.8 19.9	16.8 15.3	13.0 11.9
	98 (30)	—	—	—	41.5 39.0	37.5 34.1	32.3 29.4	26.6 24.2	21.4 19.5	16.5 15.0	12.5 11.4
	112 (34)	—	—	—	—	34.9 32.7	31.2 28.4	25.8 23.5	20.9 19.0	15.8 14.4	11.9 10.9
	125 (38)	—	—	—	—	30.3 29.7	29.8 27.5	25.0 22.8	20.1 18.3	15.1 13.8	11.3 10.3
	138 (42)	—	—	—	—	—	26.2 25.8	24.0 21.9	19.2 17.5	14.5 13.2	10.6 9.7
	151 (46)	—	—	—	—	—	—	23.1 21.1	18.3 16.7	13.7 12.5	10.0 9.1
	164 (50)	—	—	—	—	—	—	20.6 20.1	17.4 15.9	13.0 11.9	9.3 8.5
	177 (54)	—	—	—	—	—	—	—	16.5 15.0	12.3 11.2	8.6 7.9
	190 (58)	—	—	—	—	—	—	—	—	11.5 10.5	8.0 7.3
	203 (62)	—	—	—	—	—	—	—	—	10.7 9.8	7.3 6.7
217 (66)	—	—	—	—	—	—	—	—	—	6.7 6.1	
177 ft (54 m)	39 (12)	—	—	62.0 56.4	—	—	—	—	—	—	—
	46 (14)	—	—	60.1 54.7	50.0 45.5	—	—	—	—	—	—
	53 (16)	—	—	58.4 53.1	48.9 44.5	40.9 37.2	—	—	—	—	—
	59 (18)	—	—	56.6 51.5	47.8 43.5	40.1 36.5	32.2 29.3	26.5 24.1	—	—	—
	66 (20)	—	—	54.8 49.9	46.8 42.6	39.4 35.9	31.7 28.9	26.2 23.9	21.1 19.2	—	—
	72 (22)	—	—	53.1 48.3	45.7 41.6	38.8 35.3	31.4 28.6	25.9 23.6	20.9 19.0	16.9 15.4	—
	79 (24)	—	—	51.3 46.7	44.5 40.5	38.0 34.6	31.2 28.4	25.6 23.3	20.6 18.8	16.7 15.2	13.5 12.3
	85 (26)	—	—	49.6 45.1	43.6 39.7	37.2 33.9	30.8 28.0	25.4 23.1	20.4 18.6	16.6 15.1	13.3 12.1
	92 (28)	—	—	45.9 40.9	42.4 38.6	36.6 33.3	30.4 27.7	25.1 22.9	20.3 18.5	16.3 14.9	12.9 11.8
	98 (30)	—	—	—	41.2 37.5	35.9 32.7	30.1 27.4	24.8 22.6	20.0 18.2	16.1 14.7	12.6 11.5
	112 (34)	—	—	—	35.4 33.7	34.9 30.2	29.2 26.6	24.3 22.1	19.8 18.0	15.7 14.3	12.3 11.2
	125 (38)	—	—	—	—	30.3 28.7	28.3 25.8	23.7 21.6	19.3 17.6	15.2 13.9	11.7 10.7
	138 (42)	—	—	—	—	—	26.2 24.1	23.1 21.0	19.0 17.3	14.7 13.4	11.1 10.1
	151 (46)	—	—	—	—	—	—	21.8 19.9	18.3 16.7	14.1 12.9	10.4 9.5
	164 (50)	—	—	—	—	—	—	20.6 18.8	17.8 16.2	13.6 12.4	9.9 9.0
	177 (54)	—	—	—	—	—	—	—	17.0 15.6	12.9 11.8	9.2 8.4
	190 (58)	—	—	—	—	—	—	—	—	12.2 11.1	8.5 7.8
	203 (62)	—	—	—	—	—	—	—	—	11.4 10.4	7.9 7.2
	217 (66)	—	—	—	—	—	—	—	—	—	7.2 6.6
197 ft (60 m)	46 (14)	—	—	—	42.7 38.9	—	—	—	—	—	—
	53 (16)	—	—	—	41.8 38.0	35.6 32.4	—	—	—	—	—
	59 (18)	—	—	—	40.8 37.1	34.8 31.7	28.6 26.0	—	—	—	—
	66 (20)	—	—	—	39.8 36.2	34.1 31.0	28.2 25.7	23.6 21.5	19.2 17.5	—	—
	72 (22)	—	—	—	38.9 35.4	33.4 30.4	27.8 25.3	23.3 21.2	19.1 17.4	15.2 13.9	—
	79 (24)	—	—	—	37.9 34.5	32.7 29.8	27.3 24.9	22.9 20.9	19.0 17.3	15.1 13.8	11.9 10.9
	85 (26)	—	—	—	36.7 33.4	32.1 29.2	26.9 24.5	22.7 20.7	18.9 17.2	15.0 13.7	11.7 10.7
	92 (28)	—	—	—	35.6 32.4	31.4 28.6	26.6 24.2	22.5 20.5	18.8 17.1	14.9 13.6	11.5 10.5
	98 (30)	—	—	—	34.6 31.3	30.8 28.0	26.0 23.7	22.2 20.2	18.5 16.9	14.8 13.5	11.4 10.4
	112 (34)	—	—	—	32.2 29.5	29.2 26.6	25.3 23.0	21.7 19.8	18.3 16.7	14.6 13.3	11.0 10.0
	125 (38)	—	—	—	—	27.8 25.3	24.3 22.1	21.1 19.2	17.9 16.3	14.4 13.1	10.6 9.7
	138 (42)	—	—	—	—	—	23.1 21.0	20.4 18.6	17.3 15.8	13.9 12.7	10.1 9.2
	151 (46)	—	—	—	—	—	21.8 19.9	19.5 17.8	16.8 15.3	13.5 12.3	9.6 8.8
	164 (50)	—	—	—	—	—	—	18.7 17.0	16.1 14.7	12.8 11.7	9.2 8.4
	177 (54)	—	—	—	—	—	—	—	15.2 13.9	12.2 11.1	8.6 7.9
	190 (58)	—	—	—	—	—	—	—	—	11.4 10.4	8.2 7.5
	203 (62)	—	—	—	—	—	—	—	—	10.4 9.5	7.4 6.8
	217 (66)	—	—	—	—	—	—	—	—	—	6.8 6.2
	216 ft (66 m)	46 (14)	—	—	—	37.7 34.3	—	—	—	—	—
53 (16)		—	—	—	36.9 33.6	31.3 28.5	—	—	—	—	—
59 (18)		—	—	—	36.1 32.9	30.8 28.0	25.5 23.2	—	—	—	—
66 (20)		—	—	—	35.3 32.1	30.1 27.4	25.1 22.9	21.1 19.2	17.4 15.9	—	—
72 (22)		—	—	—	34.4 31.2	29.4 26.8	24.8 22.6	21.0 19.1	17.3 15.8	13.8 12.6	—
79 (24)		—	—	—	33.5 30.5	28.8 26.2	24.5 22.3	20.9 19.0	17.2 15.7	13.7 12.5	11.0 10.0
85 (26)		—	—	—	32.6 29.7	28.2 25.7	24.2 22.0	20.7 18.9	17.2 15.7	13.6 12.4	10.8 9.9
92 (28)		—	—	—	31.7 28.9	27.6 25.1	23.7 21.6	20.5 18.7	17.1 15.6	13.5 12.3	10.7 9.8
98 (30)		—	—	—	30.8 28.0	27.0 24.6	23.4 21.3	20.3 18.5	17.0 15.5	13.3 12.1	10.6 9.7
112 (34)		—	—	—	28.4 25.9	25.8 23.5	22.6 20.6	19.8 18.0	16.8 15.3	13.0 11.9	10.2 9.3
125 (38)		—	—	—	—	24.5 22.3	21.5 19.6	19.3 17.6	16.6 15.0	12.9 11.8	9.9 9.0
138 (42)		—	—	—	—	—	20.3 18.5	18.7 17.0	16.0 14.6	12.7 11.6	9.5 8.7
151 (46)		—	—	—	—	—	19.1 17.4	17.9 16.3	15.5 14.1	12.4 11.3	9.2 8.4
164 (50)		—	—	—	—	—	—	17.1 15.6	14.9 13.6	12.1 11.0	8.9 8.1
177 (54)		—	—	—	—	—	—	—	14.1 12.9	11.5 10.5	8.5 7.8
190 (58)		—	—	—	—	—	—	—	—	10.8 9.9	8.1 7.4
203 (62)		—	—	—	—	—	—	—	—	10.0 9.1	7.4 6.8
217 (66)		—	—	—	—	—	—	—	—	—	6.8 6.2
236 ft (72 m)		46 (14)	—	—	—	32.1 29.2	—	—	—	—	—
	53 (16)	—	—	—	31.4 28.6	27.3 24.9	—	—	—	—	—
	59 (18)	—	—	—	30.9 28.1	26.9 24.5	22.6 20.6	—	—	—	—
	66 (20)	—	—	—	30.2 27.5	26.5 24.1	22.3 20.3	18.4 16.8	—	—	—
	72 (22)	—	—	—	29.5 26.9	26.0 23.7	22.1 20.1	18.3 16.7	15.1 13.8	12.3 11.2	—
	79 (24)	—	—	—	28.9 26.3	25.6 23.3	21.8 19.9	18.2 16.6	15.1 13.8	12.3 11.2	9.7 8.9
	85 (26)	—	—	—	28.2 25.7	25.1 22.9	21.5 19.6	18.1 16.5	15.0 13.7	12.2 11.1	9.7 8.9
	92 (28)	—	—	—	27.6 25.1	24.6 22.4	21.2 19.3	17.9 16.3	14.9 13.6	12.1 11.0	9.6 8.8
	98 (30)	—	—	—	26.8 24.4	24.0 21.9	20.9 19.0	17.7 16.1	14.8 13.5	11.9 10.9	9.5 8.7
	112 (34)	—	—	—	25.4 23.1	22.8 20.8	20.1 18.3	17.4 15.9	14.7 13.4	11.8 10.8	9.3 8.5
	125 (38)	—	—	—	—	21.6 19.7	19.2 17.5	17.0 15.5	14.5 13.2	11.7 10.7	9.1 8.3
	138 (42)	—	—	—	—	—	18.1 16.5	16.6 15.1	14.3 13.0	11.5 10.5	9.0 8.2
	151 (46)	—	—	—	—	—	16.8 15.3	16.0 14.6	13.8 12.6	11.3 10.3	8.8 8.0
	164 (50)	—	—	—	—	—	—	15.2 13.9	13.5 12.3	11.1 10.1	8.5 7.8
	177 (54)	—	—	—	—	—	—	—	12.8 11.7	10.6 9.7	8.2 7.5
	190 (58)	—	—	—	—	—	—	—	11.9 10.9	10.0 9.1	8.0 7.3
	203 (62)	—	—	—	—	—	—	—	—	9.3 8.5	7.5 6.9
	217 (66)	—	—	—	—	—	—	—	—	—	7.0 6.4
	256 ft (78 m)	53 (16)	—	—	—	27.2 24.8	23.8 21.7	—	—	—	—
59 (18)		—	—	—	27.1 24.7	23.5 21.4	19.8 18.0	—	—	—	—
66 (20)		—	—	—	26.9 24.5	23.2 21.1	19.5 17.8	16.0 14.6	—	—	—
72 (22)		—	—	—	26.7 24.3	23.1 21.0	19.3 17.6	15.9 14.5	13.3 12.1	11.0 10.0	—
79 (24)		—	—	—	26.4 24.0	22.8 20.8	19.1 17.4	15.8 14.4	13.3 12.1	10.8 9.9	9.0 8.2
85 (26)		—	—	—	26.0 23.7	22.7 20.7	19.0 17.3	15.8 14.4	13.2 12.0	10.7 9.8	9.0 8.2
92 (28)		—	—	—	25.7 23.4	22.5 20.5	18.8 17.1	15.7 14.3	13.0 11.9	10.6 9.7	8.9 8.1
98 (30)		—	—	—	24.9 22.7	22.1 20.1	18.7 17.0	15.7 14.3	12.9 11.8	10.5 9.6	8.8 8.0
112 (34)		—	—	—	24.2 22.0	21.5 19.6	18.2 16.6	15.6 14.2			

Hook-Block/Crane Hook



Number of Sheaves	Capacity	Weight	"B"
12	308 tons (280 t) 85 % 275 tons (250 t) 75 %	8.378 lb. (3800 kg)	10 ft. (3,20 m)
6	138 tons (125 t) 85 % 110 tons (100 t) 75 %	5.291 lb. (2400 kg)	8 ft. (2.50 m)
1	35 tons (32 t) 85 % 27 tons (25 t) 75 %	2.557 lb. (1160 kg)	6 ft. (2.00 m)

SALE & RENTAL

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AMERICAN DEMAG CORPORATION Construction Machinery Division

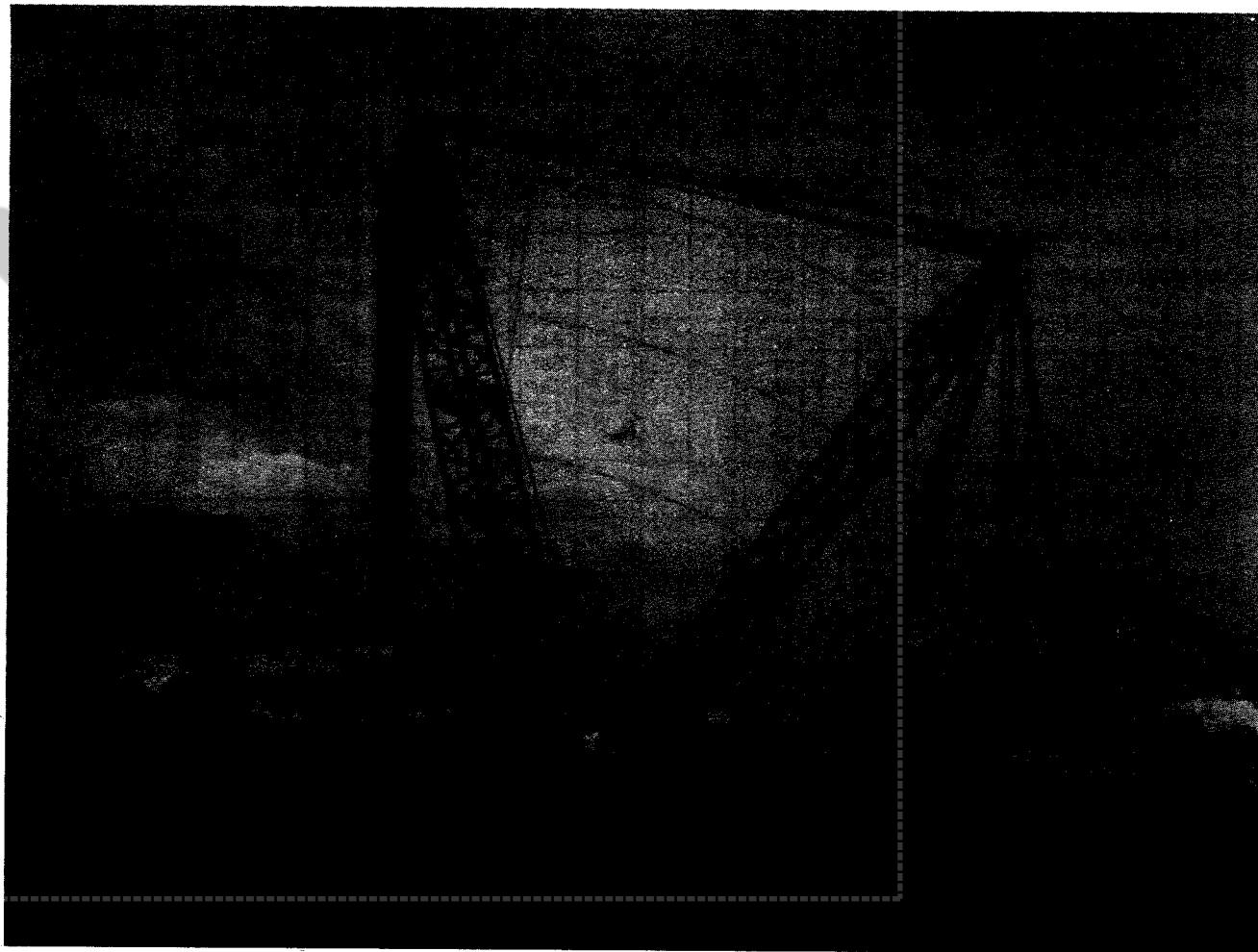
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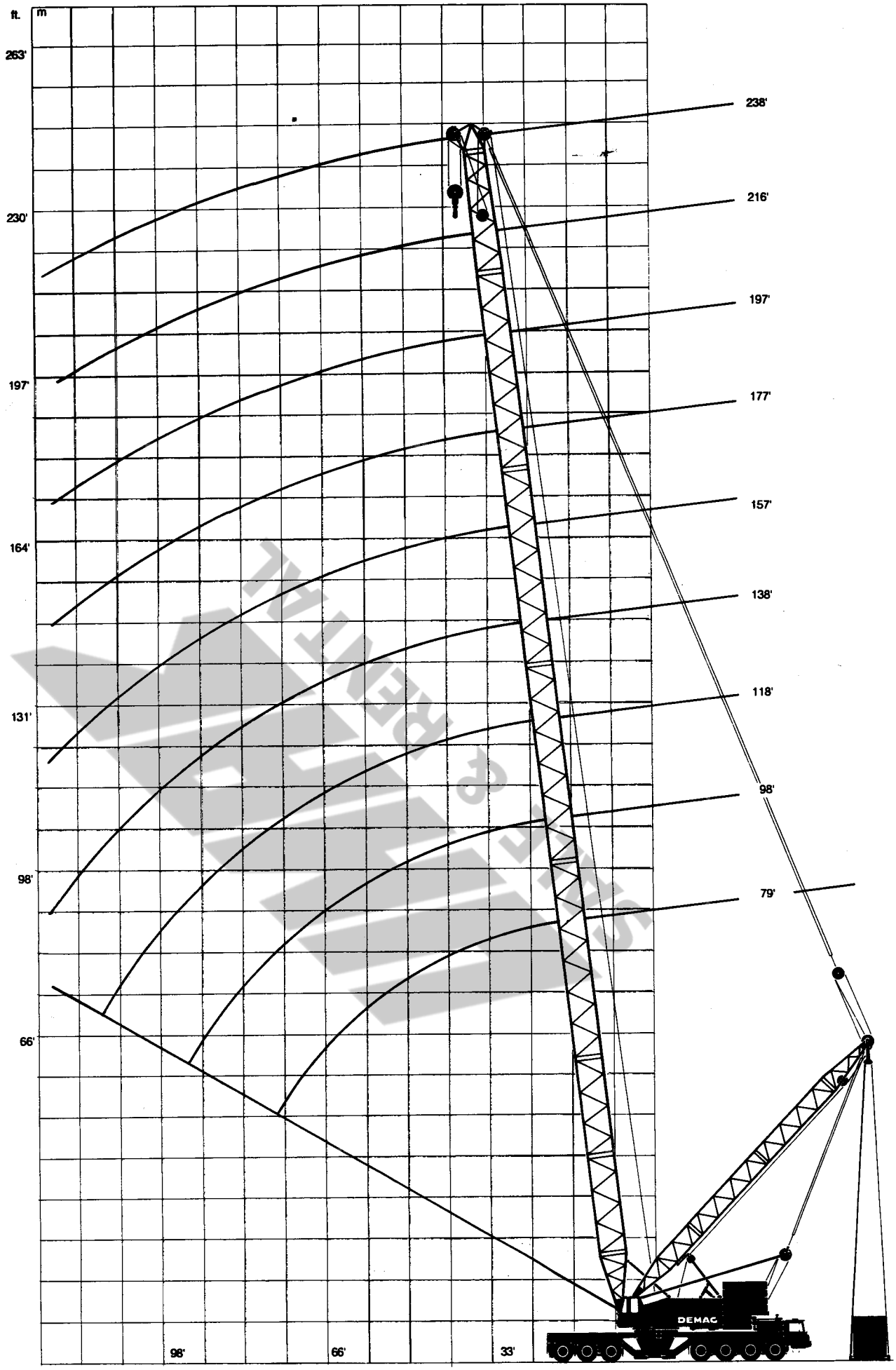
DEMAG TC-1200 SUPERLIFT

600 ton LOAD MOMENT CHART **(12,661 foot-tons)**

Superlift Attachment for DEMAG Model TC 1200 Crane



DEMAG
Baummaschinen



DEMAG TC-1200 SUPERLIFT 600 ton LOAD MOMENT CHART

Lifting Capacities (ton=2000#) on main Boom,

On 39'-4" x 39'-4" Outriggers, 360° Swing, 75% Ratings

Main Boom	Radius	SuperLift Counterweight (t)						Main Boom	Radius	SuperLift Counterweight (t)					
		0	55	88	110	132	165			0	55	88	110	132	165
ft	ft	tons	tons	tons	tons	tons	tons	ft	ft	tons	tons	tons	tons	tons	tons
79' with Heavy Duty Hammer Head	30	190	256	303	331	—	—	177'	30	168	—	—	—	—	—
	31.5	178	243	287	315	347	386		33	163	—	—	—	—	—
	33	169	232	271	299	331	362		40	132	156	—	—	—	—
	40	137	187	221	244	258	296		46	110	150	—	—	—	—
	46	115	161	187	203	221	236		53	94	130	146	—	—	—
	53	99	132	158	170	185	204		59	82	116	131	—	—	—
	59	86	117	136	146	159	—		66	72	104	114	—	—	—
									72	64	93	101	—	—	—
79' with Std. Hammer Head	30	190	256	276	—	—	—		79	57	84	90	—	—	—
	33	169	232	276	—	—	—		85	53	76	84	—	—	—
	40	137	185	221	238	258	—		92	47	70	76	—	—	—
	46	115	154	185	202	221	237		98	44	64	70	—	—	—
	53	99	131	158	170	185	204		110	36	55	61	—	—	—
	59	86	117	136	146	159	—		125	30	49	54	—	—	—
	66	76	104	121	—	—	—		140	25	42	47	—	—	—
	72	68	93	108	—	—	—		150	22	36	44	—	—	—
98'	30	189	256	—	—	—	—	197'	33	143	—	—	—	—	—
	33	168	232	256	—	—	—		40	133	—	—	—	—	—
	40	136	185	219	238	243	—		46	110	130	—	—	—	—
	46	114	153	185	202	221	—		53	94	125	—	—	—	—
	53	97	130	157	170	185	—		59	81	116	—	—	—	—
	59	85	117	135	—	—	—		66	71	104	—	—	—	—
	66	75	103	119	—	—	—		72	61	93	—	—	—	—
	72	67	93	110	—	—	—		79	55	84	—	—	—	—
118'	30	189	237	—	—	—	—		85	50	76	—	—	—	—
	33	168	232	237	—	—	—		92	46	70	—	—	—	—
	40	135	183	218	234	—	—		98	43	64	—	—	—	—
	46	113	153	185	201	218	—		110	36	55	—	—	—	—
	53	97	130	157	170	185	—		125	31	49	—	—	—	—
	59	84	116	133	147	165	—		140	24	42	—	—	—	—
	66	75	103	119	132	148	—		150	22	36	—	—	—	—
	72	66	93	107	119	132	—		165	19	33	—	—	—	—
138'	30	187	227	—	—	—	—	216'	33	116	—	—	—	—	—
	33	167	222	224	—	—	—		40	110	—	—	—	—	—
	40	133	182	217	—	—	—		46	105	—	—	—	—	—
	46	113	152	185	196	210	—		53	93	99	—	—	—	—
	53	96	130	157	168	181	—		59	81	95	—	—	—	—
	59	83	116	132	146	164	—		66	71	90	—	—	—	—
	66	74	103	118	130	147	—		72	61	86	—	—	—	—
	72	64	93	105	117	131	—		79	55	81	—	—	—	—
157'	30	177	206	—	—	—	—		85	49	75	—	—	—	—
	33	165	203	—	—	—	—		92	46	68	—	—	—	—
	40	133	181	192	—	—	—		98	42	63	—	—	—	—
	46	111	152	185	—	—	—		110	35	53	—	—	—	—
	53	95	130	157	165	177	—		125	30	45	—	—	—	—
	59	83	116	132	146	163	—		140	24	39	—	—	—	—
	66	73	104	117	129	146	—		150	22	33	—	—	—	—
	72	65	93	104	115	130	—		165	19	29	—	—	—	—
	30	177	206	—	—	—	—	236'	33	94	—	—	—	—	—
	33	165	203	—	—	—	—		40	87	—	—	—	—	—
	40	133	181	192	—	—	—		46	83	—	—	—	—	—
	46	111	152	185	—	—	—		53	78	—	—	—	—	—
	53	95	130	157	165	177	—		59	74	—	—	—	—	—
	59	83	116	132	146	163	—		66	71	—	—	—	—	—
	66	73	104	117	129	146	—		72	61	66	—	—	—	—
	72	65	93	104	115	130	—		79	55	63	—	—	—	—
	30	177	206	—	—	—	—		85	49	60	—	—	—	—
	33	165	203	—	—	—	—		92	46	56	—	—	—	—
	40	133	181	192	—	—	—		98	42	53	—	—	—	—
	46	111	152	185	—	—	—		110	35	49	—	—	—	—
	53	95	130	157	165	177	—		125	30	43	—	—	—	—
	59	83	116	132	146	163	—		140	24	36	—	—	—	—
	66	73	104	117	129	146	—		150	22	31	—	—	—	—
	72	65	93	104	115	130	—		165	19	27	—	—	—	—

Only cranes providing an outrigger span of 39'-4" X 39'-4" can be equipped for superlift operation

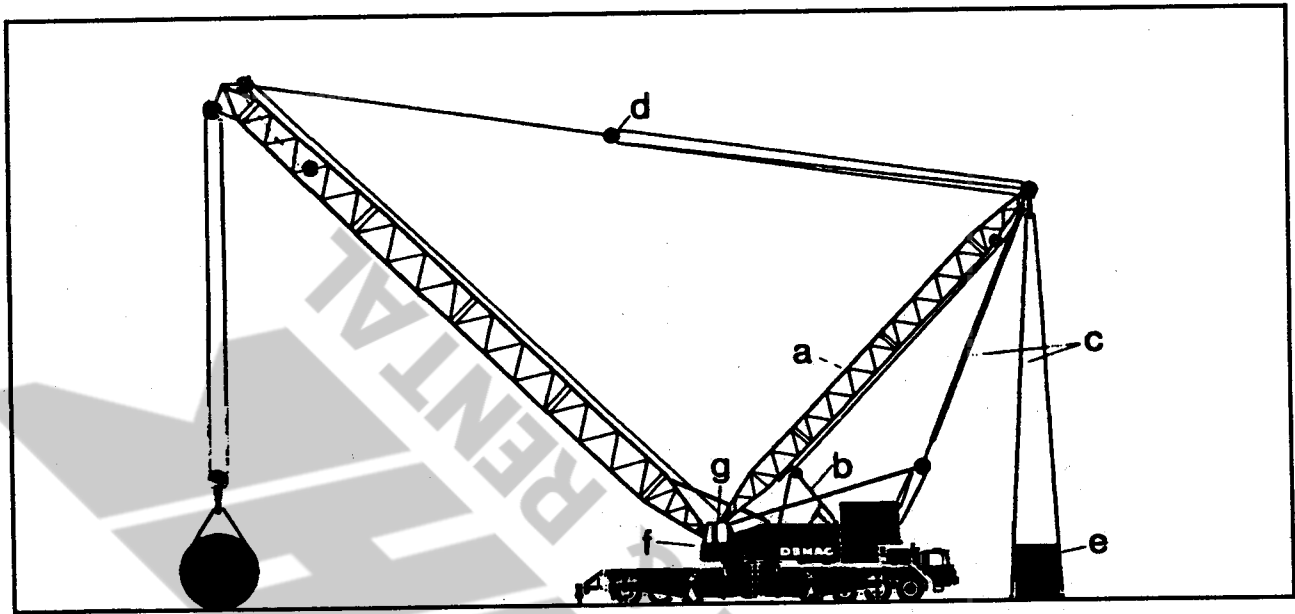
SUPERLIFT Attachment for the DEMAG TC-1200 Truck Crane

For applications where load moments in excess of 5426 foot-tons are encountered, the DEMAG TC 1200 Truck Crane can be equipped with a Superlift Attachment which permits load moments up to 12661 foot-tons. An increase of 233%, resulting in a 633 ton load moment chart at a 20' radius.

The performance benefits derived from the Superlift result from the fact that a heavier load is compensated by a corresponding counterweight. This causes the loads on the structural members of the crane, such as superstructure, slewing ring, undercarriage, and outriggers, to be applied centrally while relieving the boom assembly.

The additional counterweight is automatically lifted of the ground when attempting to pick up a load with the Superlift, so that the upper can be swung as desired. The Superlift Attachment consists of the following components which are readily mounted to our standard crane without major modifications:

- (a) Superlift Mast with head sheaves
- (b) Superlift Backstops
- (c) Counterweight Suspension Cables
- (d) Boom-Hoist Bridle
- (e) Additional Counterweight
- (f) Additional Hydraulic and Electric Controls
- (g) Conversion Parts to Overload Cut-Out



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