



TEREX CRANES

PPM

ATT 1354





ATT 1354

MAIN TECHNICAL CHARACTERISTICS

- **CAPACITY** - 100 tonnes at 3 metres (CE) - 110 tonnes at 3 metres (85%)
- **BOOM** - 53,7 m with 6 elements
- **HYDRAULICS** - 3 main circuits. Independence of each movement
- **CHASSIS** - 10 x 6 x 6 (on road) - 10 x 6 x 10 (on site)
- **ENGINE** - MERCEDES 435 HP Turbo diesel (carrier)
MERCEDES 160 HP Turbo diesel (upperstructure)
- **SUSPENSION** - Hydropneumatic suspension with controlled damping and slide slope

WEIGHT

Counterweight \ Axles	1	2	3	4	5	Poids total
4,2 t	12	12	12	12	12	55,8 t

1600 x 25 tyres, 20 m-double folding extension, 65 t-hookblock and spare wheel

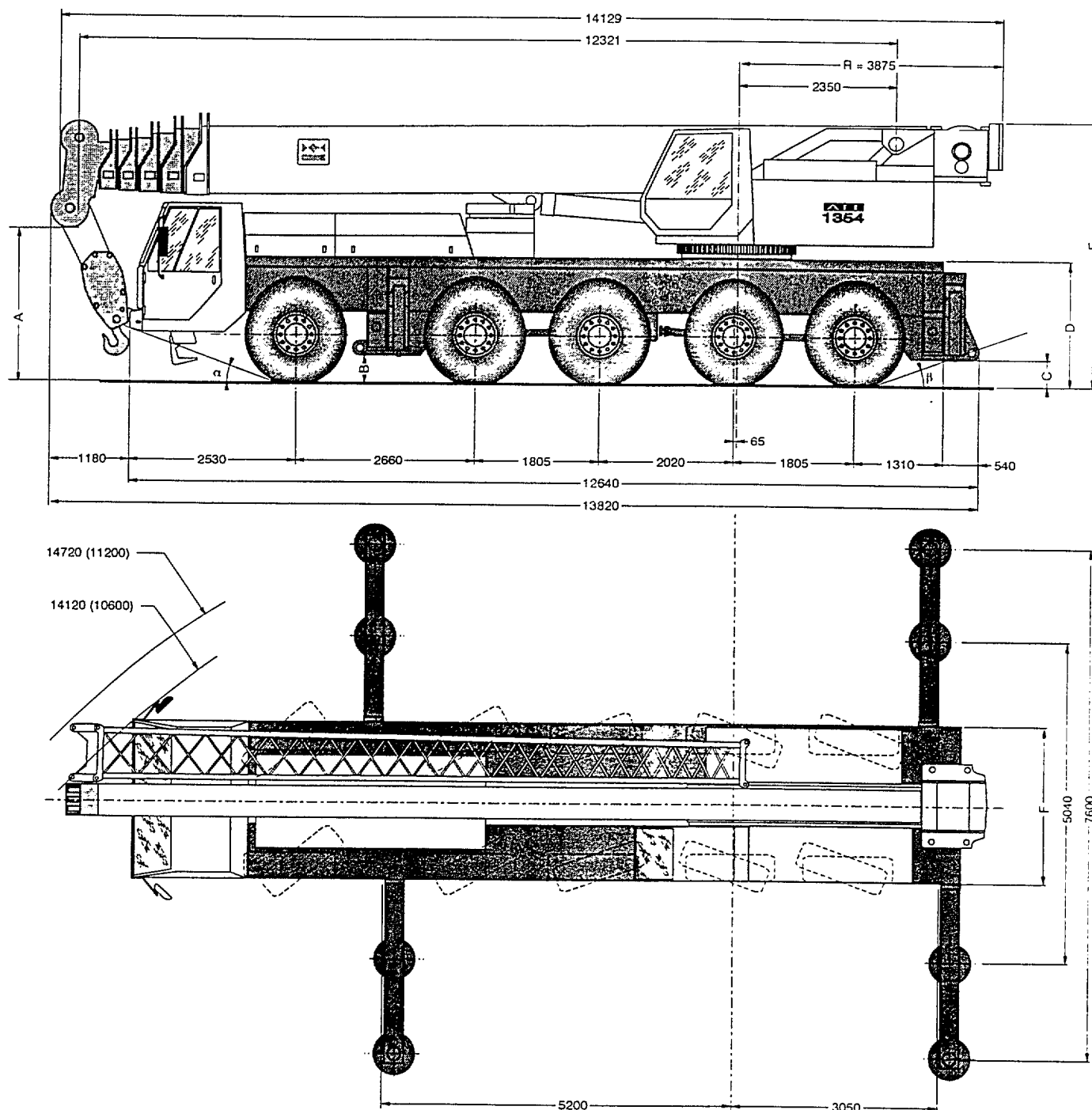
GEARS

Gear ratios (Forward/Reverse)	1	2	3	4	5	1	1	2	3	4	5	1
Speed (high range)	9	22	35	51	70	15	10	24	38	55	76	16
Speed (low range)	5	13	20	29	41	9	6	14	22	32	44	9
Gradeability	60 %						54 %					
	14.00 R 25						16.00 R 25					

Lifting	Main winch: maximum linepull (1st layer/last layer)	9.4 / 7.5 tonnes
	Main winch: maximum single linespeed	120 m/mn
	Auxiliary winch: maximum linepull (1st layer/last layer)	9.4 / 7.5 tonnes
	Auxiliary winch: maximum single linespeed	120 m/mn
Derricking	Time to move from - 3° to 80°	40 seconds
Telescoping	Time to extend from 12 metres to 45 metres	130 seconds
Slewing	Speed of movement	0 to 1.8 rpm
Outriggers	Time to extend horizontal beams	40 seconds
	Time to extend vertical jacks	25 seconds



DIMENSIONS



	A*	B*	C*	D*	E*	F	α	β
16.00 R 25	2210	480	470	1790	3825	2700	22°	21°

* - 80 mm suspension abaissée / - 80 mm suspension in lower position



TEREX CRANES



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CARRIER AND POWERTRAIN

- **STRUCTURE**
 - PPM design. Machine welded carrier frame from high-tensile steel.
- **OUTRIGGER OPERATION**
 - Outriggers controlled from each side of the carrier.
 - Horizontal beams extended independently.
 - Lifting capacities with no or partial extension of the outrigger beams.
 - Stabilizer pads permanently in position. Stowed by sliding under the outrigger jack.
- **ENGINE**
 - Mercedes V8 OM 442 LA, turbodiesel. Water cooled. 435 HP at 2,100 rpm (320 KW). Maximum torque : 1,880 N.m at 1,100 rpm. 14.6 litre capacity. Complies with EC anti-pollution directives (91 / 542). Fuel tank capacity : 500 litres.
- **TRANSMISSION**
 - Torque convertor and automatic gearbox with 6 forward and 1 reverse gears.
 - Low range on each ratio increases traction in rough terrain.
 - Automatic lock-up on all gears.
 - Front axles is pneumatically connected.
- **AXLES**
 - Axles 2, 4, 5 are drive axles with planetary hub reduction.
 - Inter-wheels differential can be locked on each drive axle.
 - Inter-axles (4 / 5) differential can be locked.
- **SUSPENSION**
 - PPM HYDROSTABLE hydropneumatic suspension :
 - Shock absorption controlled via integrated valves.
 - Hydraulic anti-rolling stabilizes the crane in bends, around corners, ...
 - Crane maintains its level permanently and mechanically without driver intervention.
 - Slide slope compensation and level adjustment.
 - Suspension can be locked hydraulically.
- **STEERING**
 - Axles 1, 2, 3 are steer axles on road.
 - Axles 4, 5 are steer axles on site.
 - All-wheel steer and crab steer.
 - Power-assisted steering by double steering circuit complying with EC directives.
- **BRAKING**
 - Complying with EC directives.
 - Pneumatic drum double braking circuit on each axle.
 - Emergency brake : spring-loaded on 3 / 4 / 5 axles.
 - Hydraulic retarder flanged behind the torque convertor .
- **TYRES**
 - Ten 16.00 x 25 tyres.
- **CAB**
 - Three-seater cab equipped with all the equipments necessary to allow comfortable and safe travelling. Adjustable mirrors. Tinted windows. Cathaphoresis treated cab to prevent rusting. Access by rigid steps fold away in rough terrain.
- **ELECTRIC CIRCUITS**
 - 24 volts. 2 batteries (12 V / 215 Ah).
 - Circuit-breaker protected.
 - Printed circuits in both cabs improve wiring reliability.
 - Cables have marked wires protected by thermoplastic sheaths : can be easily accessed and dismantled.
 - EC approved lighting.
- **PNEUMATIC CIRCUITS**
 - Air scrubber to purify and dry the compressed air.



UPPERSTRUCTURE

- **CONSTRUCTION**
 - PPM design. Machine welded frame from high-tensile steel. Ball bearing slewing ring with external gear teeth.
- **ENGINE**
 - Mercedes OM 366 A, 6-cylinder in line turbo diesel. Water cooled. 160 HP at 2,100 rpm (117 KW). Maximum torque : 560 N.m at 1,400 rpm. 5.96 litre capacity. Fuel tank capacity : 200 litres.
- **HYDRAULICS**
 - The hydraulic system guarantees :
 - All movements are completely independent of each other.
 - The speed of the movements is independent from the weight of the load.
 - Precise and progressive start of all the movements.
 - Speed of the movements proportional to the joystick angle.
 - Very gradual movements when the engine is idling.
 - 2 main variable displacement pumps. 1 fixed displacement pump for slewing. 900 litre reservoir. 10 μ filtering. Hydraulic oil cooler.
- **WINCH**
 - Axial piston motor. Integrated planetary reducer. Cable diameter : 20 mm. Cable length : 220 metres. 65-tonne standard hookblock.
- **DERRICKING**
 - 1 double acting ram. Speed of descent controlled by safety valve.
- **SLEWING**
 - PPM designed slewing mechanism :
 - Free rotation of the upperstructure with dynamic foot braking.
 - Precise and progressive start of movement.
 - Very gradual movement when the engine is idling.
 - Hydraulic vane motor with planetary reducer. Dynamic hydraulic disc brake integrated in the reducer.
- **TELESCOPING**
 - 6-section full power telescopic boom.
 - Folded steel sections optimize guiding.
- **CAB**
 - Panoramic cab with full visibility and equipped with all the controls for operating the crane in comfort and safety. Tinted windows. Cataphoresis treated cab.
 - 2 hydraulic joysticks with automatic return to neutral.
- **SAFETY DEVICES**
 - LMI (Load Moment Indicator). Alphanumeric LCD readout.
 - Safety valves on telescoping, derricking and stabilizers. Anti two-block device, lower stroke block limiter.

OPTIONS

- ☐ Lattice extension : 10.5 metres, can be folded and stored along the right hand side of the boom. Offset angles : 0°, 15°, 27°.
- ☐ Double-folding lattice extension : 10.5 metres + 9.5 metres, can be folded and stored along the right hand side of the boom. Offset angles : 0°, 15°, 27°.
- ☐ Lattice extension 5 m.
- ☐ 20-tonne, 100-tonne and single line hookblocks.
- ☐ Rooster sheave for single line work.
- ☐ Tyres : 20.5 R 25.
- ☐ Spare wheel.
- ☐ 10 x 8 transmission.
- ☐ Auxiliary winch.
- ☐ Additional counterweight.
- ☐ Other optional equipments on request.



ATT 1354

(EPS N° 2012)

**LIFTING CAPACITY CHART
25.3 U.S. TONS
COUNTERWEIGHT**

CHAPTER II

85%

B 86515-66 09/97



A STANDARD YOU CAN TRUST

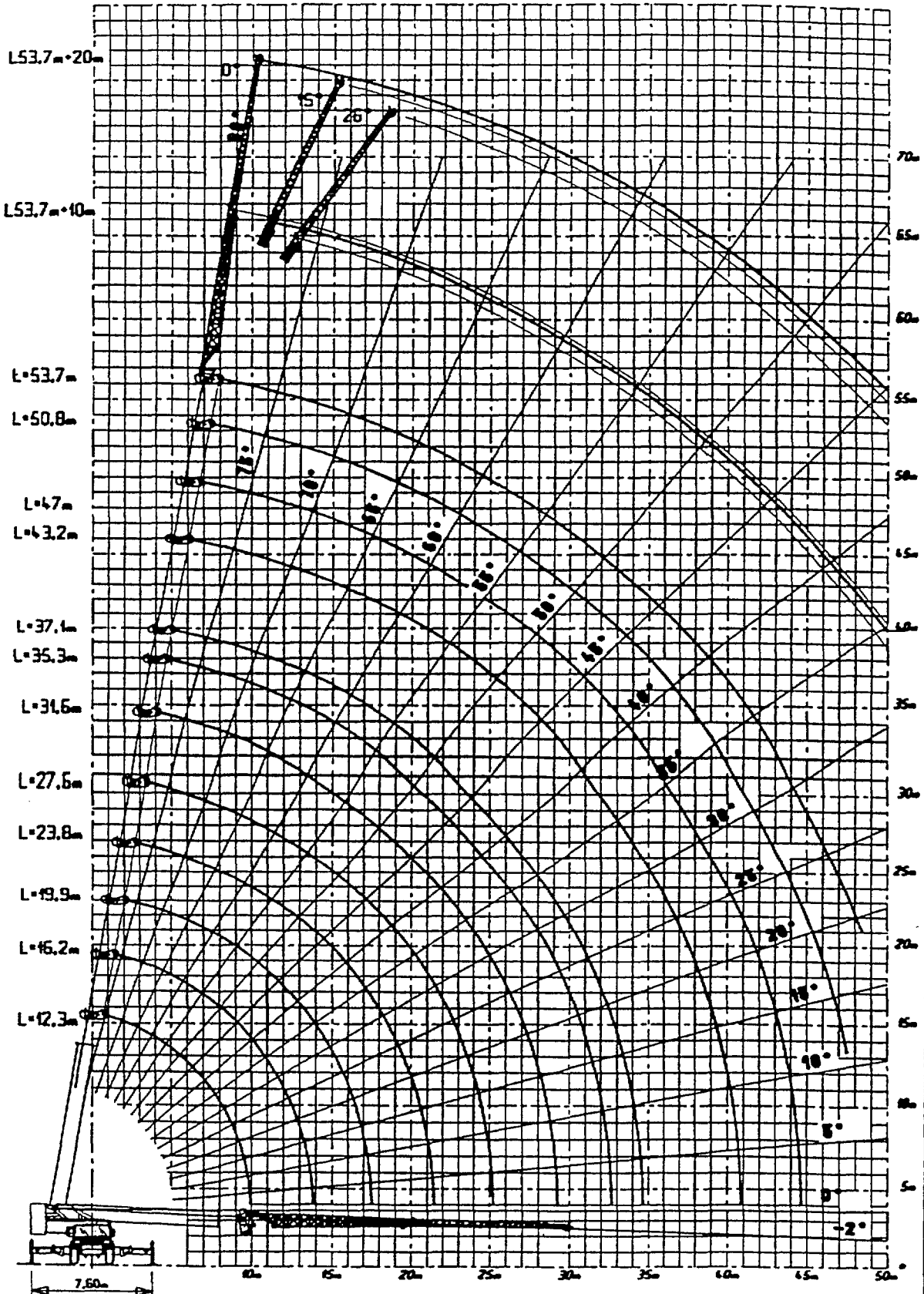
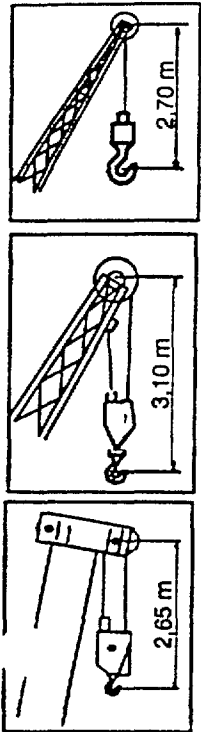


ATT 1354

130 U.S. TONS

85%

MAIN BOOM AND EXTENSIONS HEIGHT, RADIUS AND BOOM LENGTH



NOTE : PPM CRANES, INC. RESERVES THE RIGHT TO MODIFY THE ABOVE SPECIFICATIONS WHICH ARE GIVEN AS A GUIDE ONLY





PPM

ATT 1354

130 U.S. TONS

85%



	T2=0% T3=0% T4=0% T5=0% T6=0%	T2=47% T3=0% T4=0% T5=0% T6=0%	T2=93% T3=0% T4=0% T5=0% T6=0%	T2=93% T3=47% T4=0% T5=0% T6=0%	T2=93% T3=93% T4=0% T5=0% T6=0%	T2=93% T3=93% T4=47% T5=0% T6=0%	T2=93% T3=93% T4=93% T5=0% T6=0%	T2=100% T3=100% T4=100% T5=0% T6=0%
	40.42 Ft / (12)*	52.99 Ft / (9)*	65.32 Ft / (9)*	78.12 Ft / (6)*	90.65 Ft / (6)*	103.45 Ft / (5)*	115.95 Ft / (4)*	121.66 Ft / (4)*
	Max. 76°	Max. 76°	Max. 79°	Max. 80.5°	Max. 80.5°	Max. 80.5°	Max. 80.5°	Max. 80.5°
10	68.8	190600	74.2	143700	78.1	140400		
12	65.6	169500	72.0	143300	76.2	136900	78.8	90400
15	60.6	145300	68.5	134300	73.5	115900	76.6	91300
20	51.6	115500	62.4	113000	68.7	94700	72.9	87400
23	45.5	99400	58.5	96300	65.8	85300	70.5	78900
25	40.8	90800	55.7	87600	63.8	79700	68.9	73600
30	26.7	72400	48.5	69200	58.5	67400	64.8	63000
33			43.6	61400	55.2	59400	62.2	57100
35			40.0	57000	52.9	55100	60.5	54300
40			29.8	47300	46.8	45300	56.0	45800
45					39.8	37900	51.1	38600
50					31.7	32300	45.9	32500
55					19.2	27400	40.0	27900
60							33.3	23800
70							25.1	20400
75							11.4	17500
80								
85								
90								
95								
100								
105								
110								
mini	0°	27300	0°	11600	0°	5800	0°	2500

PPM

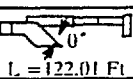
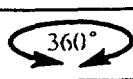
ATT 1354

130 U.S. TONS

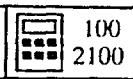
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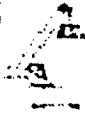


 25.3
UST



MODE
2



	T2=0% T3=0% T4=0% T5=0% T6=0%		T2= 0% T3 =0% T4 =23% T5 =23% T6 =23%		T2=0% T3=0% T4=47% T5=47% T6=47%		T2=0% T3=47% T4=47% T5=47% T6=47%		T2=0% T3=93% T4=47% T5=47% T6=47%	
	40.42 Ft / (4)*		59.22 Ft / (4)*		78.84 Ft / (4)*		91.64 Ft / (4)*		104.17 Ft / (4)*	
										
	Max. 80.5°	17700	Max. 80.5°	17700	Max. 80.5°	17700	Max. 80.5°	17700	Max. 80.5°	17700
10	68.8	19400	75.8	20200	79.9	20300				
12	65.6	19900	73.8	20600	78.4	20700				
15	60.6	21300	70.8	21400	76.2	21400	78.3	20700		
20	51.6	24400	65.4	22900	72.5	22600	75.2	21600	77.3	20400
23	45.5	27400	62.1	24100	70.2	23400	73.3	22300	75.7	20900
25	40.8	30700	59.8	25100	68.6	24100	72.0	22800	74.5	21200
30	26.7	45300	53.8	28000	64.6	26000	68.7	24100	71.7	22200
33			50.0	30500	62.1	27300	66.7	25000	70.0	22800
35			47.2	32700	60.5	27300	65.3	25800	68.8	23300
40			39.9	35200	56.1	25600	61.9	27500	65.9	24600
45			30.4	32800	51.4	23600	58.1	26400	63.0	26000
50			17.2	31500	46.3	22000	54.3	24500	59.8	27100
55					40.7	20600	50.1	23000	56.5	25100
60					34.3	19200	45.8	21500	53.0	23900
65					26.4	18200	40.9	20500	49.4	22400
70					14.4	17700	35.5	19300	45.4	20500
75							28.8	18500	41.0	18800
80							20.6	17900	36.2	17000
85									30.6	15900
90									24.0	14700
95									12.7	13500
100										
105										
110										
115										
120										
125										
130										
135										
140										
145										
150										
155										
160										
min	0.00	27500	0.00	12700	0.00	7300	0.00	3100	0.00	2000



PPM

ATT 1354

130 U.S. TONS

85%



T2=0% T3=93% T4=70% T5=70% T6=70%		T2= 0% T3 =93% T4 =93% T5 =93% T6 =93%		T2=47% T3=93% T4=93% T5=93% T6=93%		T2=93% T3=93% T4=93% T5=93% T6=93%		T2=100% T3=100% T4=100% T5=100% T6=100%		11111
122.81 Ft / (4)*		141.74 Ft / (4)*		154.31 Ft / (3)*		166.64 Ft / (3)*		176.12 Ft / (3)*		
										
Max. 80.5°	19800	Max. 80.5°	22400	Max. 80.5°	20200	Max. 80.5°	20500	Max. 80.5°	15600	
										10
										12
										15
										20
78.6	21100									23
77.7	21500									25
75.5	22500	78.2	24400							30
74.1	23100	77.2	24100	77.8	22100	78.8	21800			33
73.2	23500	76.4	23700	77.2	22000	77.4	21700			35
70.9	24600	74.3	22400	75.5	21500	77.0	21300	76.7	16800	40
68.5	22800	72.2	20500	73.7	21100	75.2	21100	75.4	16400	45
65.9	21200	70.2	18900	71.8	19700	73.8	20700	73.8	16300	50
63.3	19800	67.9	17400	69.9	18400	72.0	19800	72.3	15400	55
60.6	18600	65.7	16000	67.9	17100	70.2	18700	70.7	14800	60
57.8	17400	63.5	15100	65.9	16000	68.3	17500	69.2	13800	65
54.9	16200	61.1	13900	63.9	14900	66.6	16600	67.5	13100	70
51.8	15100	58.7	13000	61.7	14000	64.7	15600	65.9	12400	75
48.6	13900	56.1	12000	59.6	13200	62.7	14700	63.9	11500	80
45.2	13100	53.7	11400	57.3	12500	60.6	13800	62.1	10800	85
41.6	12100	50.9	10800	55.1	11600	58.5	13100	60.3	10100	90
37.5	11500	48.1	9900	52.6	10600	56.2	12400	58.1	9600	95
33.1	10900	45.2	9200	50.0	9700	53.9	11800	55.7	8700	100
27.7	10000	41.9	8500	47.4	8800	51.5	11000	54.0	8000	105
20.4	9100	38.4	8000	44.5	8100	49.1	10000	51.6	7200	110
		34.5	7400	41.4	7300	46.5	9200	49.4	6500	115
		30.5	6800	38.3	6500	43.9	8300	47.2	5900	120
		25.3	6200	34.7	6000	41.0	7400	45.1	5200	125
		17.9	5700	33.9	5400	37.5	6600	39.1	4700	130
		6.9	2400	26.0	4900	34.7	5800	39.8	4200	135
				21.2	4400	31.3	5000	36.8	3700	140
				12.6	3700	27.2	4400	33.6	3200	145
						22.2	3800	31.6	2800	150
						14.8	3200	26.6	2400	155
						6.9	2600	21.0	1900	160
										mini



PPM

ATT 1354

130 U.S. TONS

85%

		25.3 UST		360°		147.84 Ft		L = 115.95 ft		32.81 Ft		*	MODE M3
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	T2=93% T3= 93% T4= 70% T5= 70% T6= 70%		T2=93% T3= 93% T4= 70% T5= 70% T6= 70%		T2=93% T3= 93% T4= 70% T5= 70% T6= 70%		
	147.84+32.81 Ft (1)° - 0°		147.84+32.81 Ft (1)° - 15°		147.84+32.81 Ft (1)° - 26°		
	103 3103		104 3104		105 3105		
	Max. 80.5°	13500	Max. 80.5°	9200	Max. 80.5°	8000	
10							10
40	76.9	13400					40
45	75.4	12400					45
50	73.7	11500	76.1	9100			50
55	72.2	10600	74.5	8500	76.2	7700	55
60	70.6	9900	72.9	8000	74.6	7400	60
65	69.0	9100	71.3	7500	72.9	6800	65
70	67.3	8400	69.6	7000	71.2	6500	70
75	65.7	7900	68.0	6700	69.6	6200	75
80	64.0	7400	66.3	6400	67.8	5900	80
85	62.2	6900	64.5	6000	66.1	5700	85
90	60.4	6400	62.8	5900	64.4	5500	90
95	58.7	6100	61.0	5500	62.6	5100	95
100	56.8	6000	59.1	5100	60.7	5000	100
105	54.8	5500	57.3	4900	58.8	4700	105
110	52.9	5100	55.3	4700	56.8	4500	110
115	50.9	4900	53.3	4500	54.8	4400	115
120	48.8	4700	51.2	4300	52.7	4200	120
125	46.5	4500	49.1	4100	50.5	4000	125
130	43.9	4200	46.0	4000	48.3	3900	130
135	41.4	4000	44.0	3800	45.5	3700	135
140	38.8	3800	41.3	3600	42.8	3700	140
145	35.7	3700	38.4	3500	39.7	3300	145
150	33.1	3400	35.7	3300	36.9	3300	150
155	29.9	3100	32.5	3200	33.6	3200	155
160	26.5	2800	28.9	3100	30.2	3100	160
165	22.1	2200	24.8	2400	25.5	2400	165
170	15.6	1800	18.5	1800			170
mini							mini

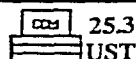
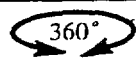
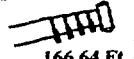
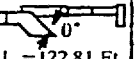
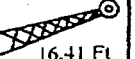


PPM

ATT 1354

130 U.S. TONS

85%

		25.3 UST		360°		166.64 Ft		L=122.81 Ft		16.41 Ft		*	MODE M2
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	T2=93% T3= 93% T4= 93% T5= 93% T6= 93%		T2=93% T3= 93% T4= 93% T5= 93% T6= 93%		T2=93% T3= 93% T4= 93% T5= 93% T6= 93%		
	166.64+16.41 Ft (1)° - 0°		166.64+16.41 Ft (1)° - 15°		166.64+16.41 Ft (1)° - 26°		
	 109 2109		 110 2110		 111 2111		
							
	Max. 80.5°	12800	Max. 80.5°	12500	Max. 80.5°	11800	
35	78.7	12900					35
40	77.3	12600	78.7	12500			40
45	76.0	12500	77.4	12400	78.0	11800	45
50	74.6	12300	75.9	11600	76.5	11000	50
55	73.1	11900	74.4	10700	74.9	10100	55
60	71.6	11200	72.7	10000	73.3	9600	60
65	70.0	10200	71.1	9400	71.7	8900	65
70	68.3	9400	69.4	8600	70.0	8300	70
75	66.8	8700	67.9	8200	68.4	7800	75
80	65.1	8200	66.2	7700	66.8	7300	80
85	63.4	7700	64.5	7100	65.0	6800	85
90	61.6	7200	62.7	6600	63.3	6500	90
95	59.9	6600	61.0	6200	61.5	6100	95
100	58.0	6200	59.1	5900	59.7	5800	100
105	56.1	5800	57.3	5600	57.8	5500	105
110	54.2	5400	55.4	5200	55.9	5100	110
115	52.1	5100	53.3	4900	53.9	4800	115
120	49.9	4800	51.2	4600	51.8	4600	120
125	47.4	4600	48.9	4500	49.3	4300	125
130	45.1	4300	46.0	4200	46.5	4200	130
135	42.5	4100	43.8	4000	44.4	3900	135
140	39.8	3800	41.1	3800	41.7	3700	140
145	38.0	3400	39.3	3400	39.7	3400	145
150	35.5	3100	36.9	3300	37.3	3300	150
155	32.3	2700	33.3	2900	34.1	2900	155
160	29.1	2300	28.7	2500	30.7	2500	160
165	24.7	1900	26.2	1800	26.3	1800	165
mini							mini

181.05 ft



PPM

ATT 1354

130 U.S. TONS

85%

		25.3 UST		360°		166.64 Ft		L = 122.81 Ft		32.81 Ft		*	MODE M2
--	--	-------------	--	------	--	-----------	--	---------------	--	----------	--	---	------------

	T2=93% T3= 93% T4= 93% T5= 93% T6= 93%		T2=93% T3= 93% T4= 93% T5= 93% T6= 93%		T2=93% T3= 93% T4= 93% T5= 93% T6= 93%		
	166.64+32.81 Ft (1)° - 0°		166.64+32.81 Ft (1)° - 15°		166.64+32.81 Ft (1)° - 26°		
	103 2103		104 2104		105 2105		
	Max. 80.5°	8600	Max. 80.5°	8200	Max. 80.5°	6500	
35							35
40	78.2	8600					40
45	77.0	8500					45
50	75.8	8400					50
55	74.5	8400	77.0	8200			55
60	73.3	8300	75.6	7700			60
65	72.0	8100	74.1	7100	75.4	6500	65
70	70.6	7700	72.6	6600	73.9	6200	70
75	69.0	7100	71.1	6200	72.4	5800	75
80	67.7	6700	69.6	5800	70.9	5500	80
85	66.1	6200	68.2	5500	69.4	5000	85
90	64.6	5800	66.7	5000	67.9	4700	90
95	62.9	5300	65.0	4700	66.3	4500	95
100	61.4	4900	63.5	4500	64.8	4300	100
105	59.7	4600	61.9	4200	63.1	4000	105
110	58.1	4300	60.2	4000	61.4	3900	110
115	56.4	4100	58.5	3800	59.7	3600	115
120	54.6	3800	56.9	3600	58.1	3400	120
125	52.9	3500	55.0	3200	56.3	3200	125
130	63.9	3300	66.0	3100	67.2	3100	130
135	48.7	3100	51.2	2900	52.5	2900	135
140	46.5	2800	49.1	2700	50.6	2700	140
145	44.3	2700	46.8	2600	48.0	2600	145
150	42.5	2500	45.0	2500	46.2	2500	150
155	41.5	2300	44.0	2300	43.7	2300	155
160	40.5	2200	43.0	2200	41.1	2200	160
165	35.5	2100	40.6	2100	39.1	2100	165
170	32.8	2000	35.5	2000	36.1	2000	170
175			32.0	1800	32.8	1800	175
mini							mini

99.445



PPM

ATT 1354

130 U.S. TONS

85%

		25.3 UST		360°		166.64 Ft		L = 104.17 Ft		49.21 Ft		*	MODE M2
--	--	-------------	--	------	--	-----------	--	---------------	--	----------	--	---	------------

	T2=93% T3= 93% T4= 93% T5= 93% T6= 93%		T2=93% T3= 93% T4= 93% T5= 93% T6= 93%		T2=93% T3= 93% T4= 93% T5= 93% T6= 93%		
	166.64+49.21Ft (1)° - 0°		166.64+49.21Ft (1)° - 15°		166.64+49.21Ft (1)° - 26°		
	112 2112		113 2113		114 2114		
	°		°		°		
	Max. 80.5°	5500	Max. 80.5°	5100	Max. 80.5°	4400	
45	78.0	5500					45
50	76.8	5200					50
55	75.7	5200	79.1	5100			55
60	74.6	5100	77.9	5100			60
65	73.3	5000	76.7	5000			65
70	72.3	5000	75.5	4900	77.6	4400	70
75	71.0	4900	74.0	4500	76.3	4200	75
80	69.8	4900	72.7	4200	75.0	3800	80
85	68.5	4600	71.3	3900	73.6	3500	85
90	67.1	4300	69.9	3600	72.2	3300	90
95	65.6	3900	68.5	3400	70.7	3200	95
100	64.3	3800	67.2	3200	69.4	3000	100
105	62.8	3400	65.7	2900	67.9	2800	105
110	61.3	3100	64.2	2800	66.4	2600	110
115	59.8	2900	62.8	2600	64.9	2500	115
120	58.3	2600	61.4	2400	63.4	2300	120
125	56.7	2500	59.7	2300	61.8	2100	125
130	55.1	2300	69.3	2100	71.6	2100	130
135	53.5	2100	56.5	2000	58.5	1900	135
140	51.9	2000	54.9	1900	56.9	1800	140
145	50.1	1800	53.1	1600	55.2	1600	145
150	48.3	1600	51.3	1500	53.3	1500	150
mini							mini

215.8 L₀



PPM

ATT 1354

130 U.S. TONS

85%

		25.3 UST		360°		166.64 Ft		L = 90.65 Ft		65.62 Ft		*	MODE M2
--	--	-------------	--	------	--	-----------	--	--------------	--	----------	--	---	------------

	T2=93% T3= 93% T4= 93% T5= 93% T6= 93%		T2=93% T3= 93% T4= 93% T5= 93% T6= 93%		T2=93% T3= 93% T4= 93% T5= 93% T6= 93%		
	166.64+65.62Ft (1)° - 0°		166.64+65.62Ft (1)° - 15°		166.64+65.62Ft (1)° - 26°		
		106 2106		107 2107		108 2108	
	Max. 80.5°	4100	Max. 80.5°	3800	Max. 80.5°	3000	
55	76.9	4200					55
60	75.8	4000					60
65	74.7	4000					65
70	73.5	3900					70
75	72.5	3900					75
80	71.4	3900	75.4	3800			80
85	70.3	3800	74.1	3500			85
90	69.2	3800	72.9	3300	75.4	3000	90
95	67.9	3500	71.5	3000	74.0	2800	95
100	66.7	3300	70.3	2900	72.8	2700	100
105	65.3	3000	69.0	2700	71.4	2500	105
110	64.0	2900	67.7	2500	70.1	2400	110
115	62.7	2700	66.4	2400	68.8	2300	115
120	61.4	2500	65.0	2200	67.4	2100	120
125	59.9	2400	63.6	2100	66.0	2000	125
130	58.5	2200	72.3	2000	74.8	1900	130
135	57.1	2000	60.7	1900	63.0	1700	135
140	55.5	1900	59.3	1800	61.6	1500	140
145	54.1	1800	57.7	1500	60.0	1500	145
150	52.5	1500	56.2	1400	58.5	1400	150
155	50.8	1400	54.6	1300	56.9	1300	155
160	49.2	1300	63.5	1200	55.3	1200	160
165	47.5	1100	51.3	1100	53.5	1100	165
mini							mini

232.2 ft



PPM

ATT 1354

130 U.S. TONS

		25.3 UST		360°		176.12 Ft		L = 104.17 Ft		16.41 Ft		*	MODE M2
--	--	-------------	--	------	--	-----------	--	---------------	--	----------	--	---	------------

85%

	T2= 100% T3= 100% T4= 100% T5= 100% T6= 100%		T2= 100% T3= 100% T4= 100% T5= 100% T6= 100%		T2= 100% T3= 100% T4= 100% T5= 100% T6= 100%		
	176.12+16.41Ft (1)° - 0°		176.12+16.41Ft (1)° - 15°		176.12+16.41Ft (1)° - 26°		
		109 2109		110 2110		111 2111	
							
	Max. 80.5°	9900	Max. 80.5°	8200	Max. 80.5°	7100	
45	76.6	10000					45
50	75.2	9200	76.2	8200			50
55	73.7	8400	74.8	7600	75.1	7100	55
60	72.3	7800	73.4	7000	73.6	6700	60
65	70.8	7100	71.9	6500	72.1	6200	65
70	69.3	6600	70.4	6000	70.6	5800	70
75	67.7	6100	68.8	5600	69.0	5500	75
80	66.2	5600	67.3	5100	67.5	5000	80
85	64.6	5200	65.7	4800	65.9	4600	85
90	62.9	4700	64.0	4500	64.4	4300	90
95	61.3	4400	62.4	4100	62.6	4000	95
100	59.7	4000	60.8	3800	61.0	3700	100
105	57.9	3700	59.1	3500	59.3	3400	105
110	56.1	3400	57.3	3200	57.5	3100	110
115	54.3	3100	55.4	3000	55.6	2900	115
120	52.5	2800	53.6	2700	53.8	2800	120
125	50.6	2600	51.8	2600	51.9	2500	125
130	48.6	2300	63.4	2300	63.6	2300	130
135	46.4	2100	47.6	2100	47.8	2100	135
140	44.2	1800	45.5	1800	45.7	2000	140
mini							mini

176.12 + 16.41

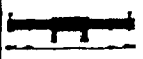
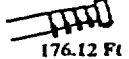
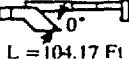


PPM

ATT 1354

130 U.S. TONS

85%

	 25.3 UST	 360°	 176.12 Ft	 L = 104.17 Ft	 32.81 Ft	 *	MODE M2
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	T2= 100% T3= 100% T4= 100% T5= 100% T6= 100%		T2= 100% T3= 100% T4= 100% T5= 100% T6= 100%		T2= 100% T3= 100% T4= 100% T5= 100% T6= 100%	
	176.12+32.81 Ft (l)° - 0°		176.12+32.81 Ft (l)° - 15°		176.12+32.81 Ft (l)° - 26°	
	 103 2103		 104 2104		 105 2105	
						
	Max. 80.5°	6700	Max. 80.5°	5900	Max. 80.5°	4700
45	77.5	6700				
50	76.3	6500				
55	75.1	6500	77.3	6000		
60	73.9	6300	76.1	5500		
65	72.6	6000	74.7	5100	76.2	4700
70	71.2	5500	73.3	4700	74.8	4400
75	69.9	5100	71.8	4400	73.4	4200
80	68.4	4600	70.5	4100	71.9	3800
85	67.1	4300	69.1	3800	70.6	3500
90	65.6	3900	67.7	3700	69.2	3300
95	64.2	3700	66.2	3300	67.6	3000
100	62.7	3200	64.7	2900	66.3	2900
105	61.2	3000	63.2	2800	64.7	2700
110	59.7	2800	61.7	2600	63.2	2500
115	58.1	2600	60.1	2400	61.6	2400
120	56.5	2400	58.5	2200	60.0	2200
125	54.8	2100	56.9	2000	58.3	2000
130	65.0	2000	67.0	2000	68.5	1900
135	51.4	1700	53.5	1700	54.8	1600
140	49.6	1500	51.7	1500	53.0	1400
mini						

208.4465



PPM

ATT 1354

130 U.S. TONS

85%

		25.3 UST		360°		176.12 Ft		L = 59.22 Ft		49.21 Ft		*	MODE M2
--	--	-------------	--	------	--	-----------	--	--------------	--	----------	--	---	------------

	T2= 100% T3= 100% T4= 100% T5= 100% T6= 100%		T2= 100% T3= 100% T4= 100% T5= 100% T6= 100%		T2= 100% T3= 100% T4= 100% T5= 100% T6= 100%		
	176.12+49.21Ft (1)° - 0°		176.12+49.21Ft (1)° - 15°		176.12+49.21Ft (1)° - 26°		
		112 2112		113 2113		114 2114	
		Max. 80.5°		Max. 80.5°		Max. 80.5°	
45	78.4	4000					45
50	77.3	4000					50
55	76.2	3900					55
60	75.1	3900					60
65	73.9	3800	77.1	3500			65
70	72.9	3700	75.8	3200	77.9	3000	70
75	71.7	3500	74.5	3000	76.6	2700	75
80	70.5	3300	73.2	2800	75.4	2600	80
85	69.2	2900	72.0	2600	74.1	2400	85
90	67.8	2800	70.6	2400	72.7	2200	90
95	66.5	2500	69.3	2200	71.4	2000	95
100	65.3	2300	68.0	2000	70.1	1900	100
105	63.9	2000	66.7	1800	68.8	1800	105
110	62.5	1900	65.3	1700	67.4	1600	110
115	61.1	1700					115
120	59.7	1400					120
mini							mini

226,334



PPM

ATT 1354

130 U.S. TONS

85%

		25.3 UST		360°		176.12 Ft		L = 59.22 Ft		65.62 Ft		*	MODE M2
--	--	-------------	--	------	--	-----------	--	--------------	--	----------	--	---	------------

	T2= 100% T3= 100% T4= 100% T5= 100% T6= 100%		T2= 100% T3= 100% T4= 100% T5= 100% T6= 100%		T2= 100% T3= 100% T4= 100% T5= 100% T6= 100%		
	176.12+65.62Ft (1)° - 0°		176.12+65.62Ft (1)° - 15°		176.12+65.62Ft (1)° - 26°		
	106 2106		107 2107		108 2108		
	Max. 80.5°	3000	Max. 80.5°	2600	Max. 80.5°	2200	
55	77.3	3000					55
60	76.2	3000					60
65	75.1	2900					65
70	74.2	2900					70
75	73.1	2800	76.8	2600			75
80	72.0	2800	75.6	2400			80
85	71.0	2700	74.4	2300	77.1	2200	85
90	69.8	2500	73.2	2100	75.9	2000	90
95	68.5	2300	72.0	2000	74.6	1800	95
100	67.3	2100	70.8	1900	73.6	1800	100
105	66.1	1900	69.6	1600	72.2	1500	105
110	64.9	1700	68.4	1500	71.0	1400	110
115	63.6	1500					115
120	62.3	1300					120
mini							mini

241.74 ft.



PPM

ATT 1354

130 U.S. TONS

85%

		25.3 UST		360°		176.12 Ft		L = 59.22 Ft		82.03 Ft		*	MODE M2
--	--	-------------	--	------	--	-----------	--	--------------	--	----------	--	---	------------

256-15 ft

	T2=100% T3= 100% T4= 100% T5= 100% T6= 100%		T2=100% T3= 100% T4= 100% T5= 100% T6= 100%		
	176.12+82.03Ft (1)° - 0°		176.12+82.03Ft (1)° - 15°		
		115 2115		116 2116	
	Max. 80.5°	1600	Max. 80.5°	1500	
45					45
50					50
55	78.0	1600			55
60	77.1	1600			60
65	76.2	1600			65
70	75.2	1500			70
75	74.3	1500			75
80	73.2	1500			80
85	72.3	1400	76.8	1500	85
90	71.3	1400	75.6	1300	90
95	70.3	1400	74.4	1300	95
100	69.3	1200	73.5	1300	100
105	68.2	1300	72.3	1100	105
110	67.1	1100	71.2	1000	110
mini					mini

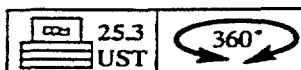


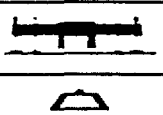
PPM

ATT 1354

130 U.S. TONS

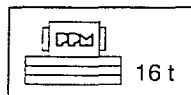
85%



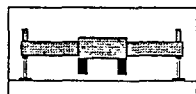
				
10.00	18200	18200	47400	10.00
12.00	18900	18900	30100	12.00
15.00	19500	19500	17900	15.00
20.00	19200	19200	6700	20.00
23.00	19600	19600	2900	23.00
25.00	19900	19900		25.00
30.00	20800	16000		30.00
33.00	20600	11500		33.00
35.00	20500	9400		35.00
40.00	14900	4800		40.00
45.00	13700			45.00
50.00	9400			50.00
55.00	6200			55.00
60.00	4000			60.00



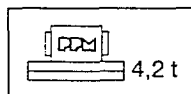
Charges sur pneus sur arrière
Free on wheels over the rear
Reifen über Hinterachse
Sobre neumáticos



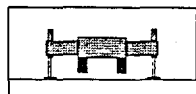
Contrepoids
Counterweight
Gegengewicht
Contrapeso



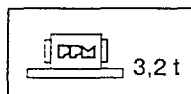
Stabilisateurs en extension totale
Outriggers fully extended
Abstützungen voll ausgefahren
Estabilizadores extendidos



Contrepoids
Counterweight
Gegengewicht
Contrapeso



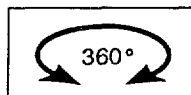
Stabilisateurs en extension partielle
Outriggers half-extended
Abstützungen halb ausgefahren
Estabilizadores intermedios



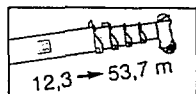
Contrepoids
Counterweight
Gegengewicht
Contrapeso



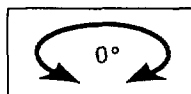
Stabilisateurs au ras du chassis
Outriggers unextended
Abstützungen nicht ausgefahren
Estabilizadores entrados



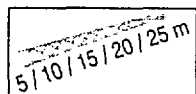
Rotation sur 360°
Over 360° slewing
Schwenkbereich 360°
Giro sobre 360°



Flèche télescopique de 12,3 m à 53,7 m
Telescopic boom from 12,3 m to 53,7 m
Hydraulischer Ausleger von 12,3 m bis 53,7 m
Pluma telescópica de 12,3 m a 53,7 m



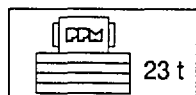
Sur l'arrière
Over rear
Nach hinten
Hacia atras



Extension 5 / 10 / 15 / 20 / 25 m
5 / 10 / 15 / 20 / 25 m extension
Verlängerung 5 / 10 / 15 / 20 / 25 m
Pluminde 5 / 10 / 15 / 20 / 25 m



Charges conformes à la réglementation CE (voir notes)
The rated loads are in accordance with CE chart (see notes)
Traglasten entsprechend E.G. Bestimmungen (siehehinweise)
Cargas conformes a las directivas CE



Contrepoids
Counterweight
Gegengewicht
Contrapeso

NOTES

1 - Les charges indiquées sont les maximales couvertes par la garantie du constructeur. Elles sont données en tonnes métriques. Le poids des crochets et des accessoires de levage est à déduire des charges indiquées.

Déduction des charges :

● Utilisation de la flèche principale avec l'extension déployée : déduire 900 kg (extension 5 m), 1360 kg (extension 10 m), 1850 kg (extension 15 m), 2175 kg (extension 20 m), 3350 kg (extension 25 m).

● Moufle et crochet (voir tableau).

2 - Les charges (CE) indiquées respectent pour la résistance les normes FEM 5004 et DIN 15018P3 et pour la stabilité les normes ISO 4305 et DIN 15019L2.

3 - PPM se réserve le droit si nécessaire de modifier le matériel par rapport aux renseignements donnés ici à titre indicatif. Pour l'exploitation plus précise de la grue, se reporter dans tous les cas au manuel de conduite et de tableaux de charges.

NOTES

1 - The tabulated loads are the maximum values covered by the manufacturer's guarantee. They are given in metric tonnes and include the weight of hook blocks and other hoisting equipment.

Deductions from rated loads :

● Use of main boom with extension erected : deduct 900 kg (5 m extension), 1360 kg (10 m extension), 1850 kg (15 m extension), 2175 kg (20 m extension), 3350 kg (25 m extension).

● Hook blocks (see specification chart).

2 - The (CE) rated loads are in accordance with FEM 5004 and DIN 15018P3 for resistance and with ISO 4305 and DIN 15019L2 for stability.

3 - PPM reserves the right to modify the above specifications which are given as a guide only (figures in accordance with metric system).

HINWEISE

1 - Die angegebenen Tragkräfte sind die maximalen Tragkräfte, die durch die Garantie des Herstellers abgedeckt werden. Sie sind in metrischen Tonnen angegeben. Das Gewicht der Haken, Hakenflaschen und des Hubzubehörs ist von diesen angegebenen Tragkräften abzuziehen.

Tragkraftabzüge :

● Bei Arbeiten mit dem Hauptausleger bei angebauten Verlängerungen : abziehen 900 kg (verlängerung 5 m), 1360 kg (verlängerung 10 m), 1850 kg (verlängerung 15 m), 2175 kg (verlängerung 20 m), 3350 kg (verlängerung 25 m).

● Hakenflasche und Haken (siehe Tabelle).

3 - Die CE-Lastwerte unterhalb der ins Diagramm eingezeichneten Linien entsprechen für den Bereich der Bauteilfestigkeit den Normen FEM 5004 und DIN 15018P3 und für den Standfestigkeitsbereich den Normen ISO 4305 und DIN 15019L2.

- PPM behält sich das Recht vor, falls erforderlich die Maschinen in Bezug auf die hier zu Ihrer Orientierung gegebenen Angaben zu ändern.

NOTAS

1 - Las cargas indicadas son las maximales cubiertas por la garantía del constructor. Están indicadas en Toneladas métricas. Los pesos de los motones, ganchos, eslingas, etc. deben reducirse de las cargas indicadas :

● Uso de la pluma principal con plumin montado efectuar una reducción de 900 kg (plumin 5 m), 1360 kg (plumin 10 m), 1850 kg (plumin 15 m), 2175 kg (plumin 20 m), 3350 kg (plumin 25 m).

● Reducción de pesos de motones y ganchos (según la table).

2 - Las cargas (CE) indicadas están referidas a las normas FEM 5004 y DIN 15018P3 para la resistencia y a las normas ISO 4305 y DIN 15019L2 para la estabilidad.

3 - PPM se reserva el derecho de modificar los datos aquí indicados a título orientativo. Referar se a los catalogos específicos de la grua para operar.

ORGANES DE LEVAGE / HOOK BLOCKS AND HOOKS DIE LASTAUFNAHMEMITTEL			
Forces de levage Lifting capacities Traglasten	Poulies Pulleys Rollen	Bins Parts of line Stränge	Poids Weight Gewicht
100 t	7	15	1030 kg
65 t	4	9	650 kg
20 t	1	3	240 kg
7,5 t	—	1	150 kg

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