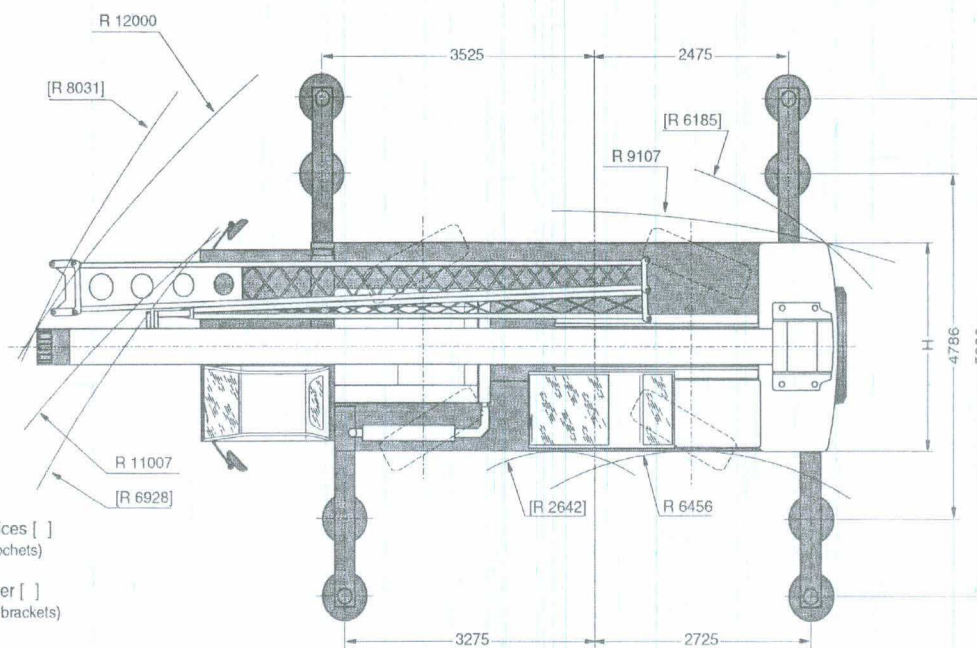
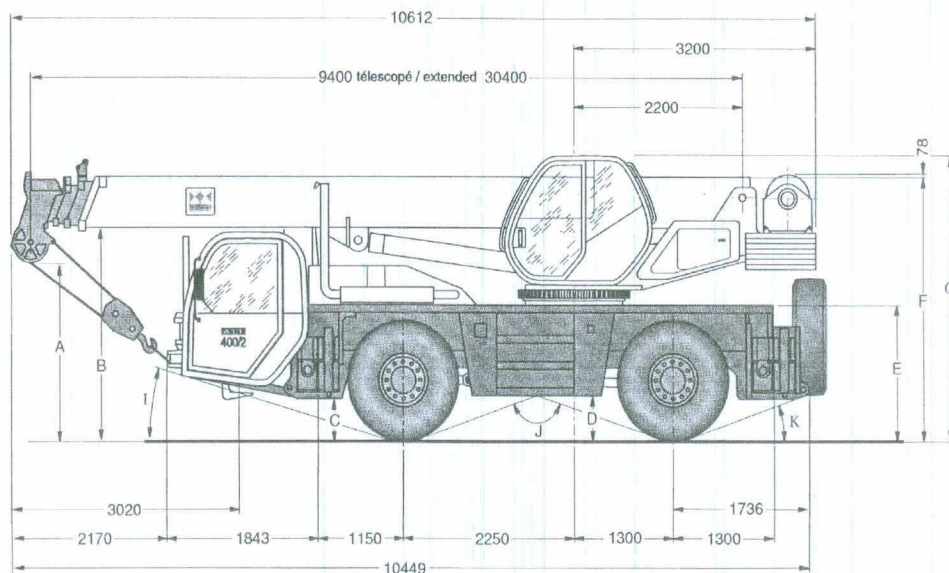




ATT 400/2



DIMENSIONS



* 4 roues directrices []
(chiffres entre crochets)

* Four-wheel steer []
(figures between brackets)

	A	B	C	D	E	F	G	G ^(*)	H	I	I ^(*)	J	J ^(*)	K	K ^(*)	L
14.00 x 25	2090	2462	409	456	1587	3127	3354	3274	2500	16°	18°	147°	139°	17°	22°	3446
16.00 x 25	2139	2511	458	507	1636	3176	3403	3323	2670	17°	19°	144°	136°	19°	24°	3495
20.5 x 25	2139	2511	458	507	1636	3176	3403	3323	2750	17°	19°	144°	136°	19°	24°	3495

(*) Machine abaissée de 80 mm - (**) Machine in lowered position - (**) Machine avec suspensions relevées - (**) Machine in upper position

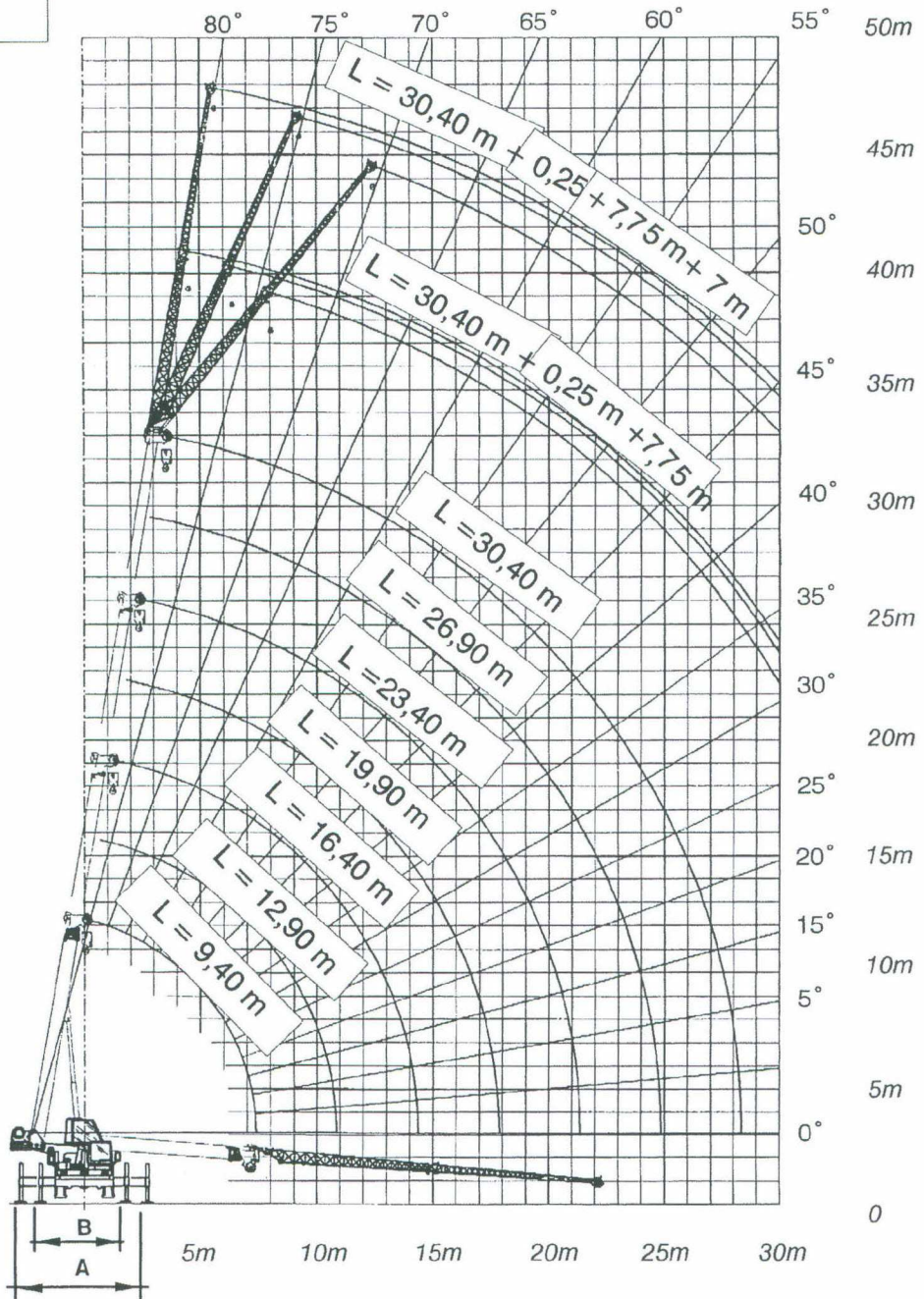
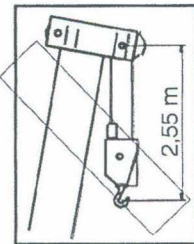
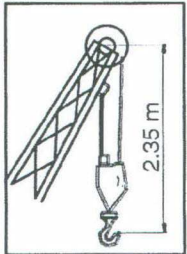
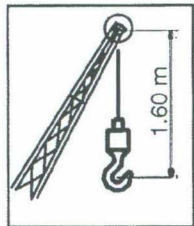


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ATT 400/2 F-G8 / 1 - SODOTECH 03 85 73 05 20 - 07/99 - Les photos peuvent montrer des équipements optionnels - Nous nous réservons le droit de modifier les spécifications données sans préavis - Document non contractuel.

MAIN BOOM AND EXTENSIONS HEIGHTS, RADII AND BOOM LENGTHS



FOR MINIMUM AND MAXIMUM BOOM ANGLE LIMITS, YOU MUST
REFER TO THE APPROPRIATE LOAD CHARTS.

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



ON OUTRIGGERS FULLY EXTENDED OVER 360 DEGREES 5.08 METRIC TON COUNTERWEIGHT

On firm and level ground and with wheels raised clear of the ground, suspensions locked

  R (m)	FULLY TELESCOPIC BOOM FROM 9.40 m to 23.40 m - On 3 sections 5.08 Metric Ton Counterweight										  R (m)
	9,40 m / (8)*		12,90 m / (5)*		16,40 m / (4)*		19,90 m / (3)*		23,40 m / (3)*		R (m)
											
	Max. 79°	35.00	Max. 79°	20.25	Max. 79°	17.40	Max. 79°	12.30	Max. 79°	11.00	
2.7	63.30	35.00	69.90	20.25	75.30	17.40	78.50	12.30			2.7
3.0	60.90	32.00	68.60	20.25	74.30	17.40	77.60	12.30			3.0
3.5	56.90	27.45	66.30	20.25	72.50	17.40	76.00	12.30	78.00	11.00	3.5
4.0	52.60	23.75	63.90	20.25	70.60	17.40	74.40	12.30	77.00	11.00	4.0
4.5	48.00	20.70	61.50	20.25	68.80	17.40	72.80	12.30	75.90	11.00	4.5
5.0	43.10	18.10	59.00	19.00	66.90	17.40	71.30	12.30	74.80	11.00	5.0
6.0	31.90	14.05	53.60	15.55	63.00	15.55	68.20	12.10	72.50	10.55	6.0
7.0	17.60	10.55	47.70	13.00	58.90	12.95	65.00	10.70	70.00	9.30	7.0
8.0			41.00	10.70	54.60	10.85	61.80	9.50	67.50	8.30	8.0
9.0			32.80	8.90	50.00	8.80	58.40	8.65	64.80	7.45	9.0
10.0			21.20	7.25	45.00	7.45	55.00	7.35	61.90	6.80	10.0
11.0					39.50	6.30	51.40	6.25	58.90	6.15	11.0
12.0					33.00	5.35	47.50	5.35	55.80	5.30	12.0
13.0					25.20	4.60	43.30	4.60	52.50	4.55	13.0
14.0					12.70	3.90	38.70	3.90	49.00	3.90	14.0
15.0							33.40	3.40	45.30	3.35	15.0
16.0							26.80	2.90	41.40	2.90	16.0
17.0							17.20	2.55	37.30	2.55	17.0
18.0									32.80	2.15	18.0
19.0									27.70	1.85	19.0
20.0									21.40	1.60	20.0
21.0									10.00	1.35	21.0
Down to $\alpha = 0^\circ$	0°	8.20	0°	5.20	0°	3.45	0°	2.25	0°	1.25	Down to $\alpha = 0^\circ$
L maxi $\alpha = 0^\circ$ no load	23.40 m		23.40 m		23.40 m		23.40 m		23.40 m		L maxi $\alpha = 0^\circ$ no load

LOAD DEDUCTIONS : SEE NOTES 1 AND 2 PAGE I-5

 or α	Boom angle under load in degrees	 *	Minimum admissible reeving
	Authorized load in metric tons (including hook block and slings)	R (m)	Radius in meters

07/2000

L 71515 84



ON OUTRIGGERS FULLY EXTENDED OVER 360 DEGREES

5.19 METRIC TON COUNTERWEIGHT

On firm and level ground and with wheels raised clear of the ground, suspensions locked.

 R (m)	FULLY TELESCOPIC BOOM FROM 9.40 m to 30.40 m – On 4 sections 5.08 Metric Ton Counterweight														 R (m)
	9,40 m / (8)*		12,90 m / (3)		16,40 m / (3)*		19,90 m / (3)*		23,40 m / (3)*		26,90 m / (3)*		30,40 m / (2)*		
															
	Max. 79°	11.00	Max. 79°	11.00	Max. 79°	11.00	Max. 79°	11.00	Max. 79°	11.00	Max. 79°	10.25	Max. 79°	8.00	
2.7	63.30	11.00	69.90	11.00	75.3	11.00	78.50	11.00							2.7
3.0	60.90	11.00	68.60	11.00	74.30	11.00	77.60	11.00							3.0
3.5	56.90	11.00	66.30	11.00	72.50	11.00	76.00	11.00	78.00	11.00					3.5
4.0	52.60	11.00	63.90	11.00	70.60	11.00	74.40	11.00	77.00	11.00					4.0
4.5	48.00	11.00	61.50	11.00	68.80	11.00	72.80	11.00	75.90	11.00	78.50	10.25			4.5
5.0	43.10	11.00	59.00	11.00	66.90	11.00	71.30	11.00	74.80	10.90	77.50	10.00			5.0
6.0	31.90	11.00	53.60	11.00	63.00	11.00	68.20	11.00	72.50	9.75	75.50	8.80	77.70	8.00	6.0
7.0	17.60	10.55	47.70	11.00	58.90	11.00	65.00	10.40	70.00	8.65	73.40	7.80	75.90	7.30	7.0
8.0			41.00	10.60	54.60	11.00	61.80	9.65	67.50	7.90	71.10	7.10	74.10	6.55	8.0
9.0			32.80	8.70	50.00	9.20	58.40	8.95	64.80	7.15	68.70	6.45	72.10	5.95	9.0
10.0			21.20	7.00	45.00	7.65	55.00	7.65	61.90	6.55	66.30	5.90	70.00	5.45	10.0
11.0					39.50	6.55	51.40	6.55	58.90	6.05	63.70	5.50	67.80	5.00	11.0
12.0					33.00	5.65	47.50	5.65	55.80	5.60	61.00	5.10	65.50	4.65	12.0
13.0					25.20	4.85	43.30	4.90	52.50	4.90	58.30	4.65	63.20	4.25	13.0
14.0					12.70	4.10	38.70	4.20	49.00	4.20	55.60	4.20	60.90	3.90	14.0
15.0							33.40	3.75	45.30	3.75	52.70	3.75	58.50	3.65	15.0
16.0							26.80	3.35	41.40	3.35	49.70	3.35	56.00	3.35	16.0
17.0							17.20	2.90	37.30	2.95	46.70	2.95	53.60	2.95	17.0
18.0									32.80	2.60	43.50	2.60	51.10	2.60	18.0
19.0									27.70	2.25	40.00	2.25	48.50	2.25	19.0
20.0									21.40	2.00	36.50	2.00	45.80	2.00	20.0
21.0									10.00	1.75	32.50	1.75	43.00	1.75	21.0
22.0											27.90	1.60	40.00	1.60	22.0
23.0											22.00	1.40	36.70	1.45	23.0
24.0											14.70	1.25	33.00	1.25	24.0
25.0													28.70	1.10	25.0
26.0													23.30	1.00	26.0
27.0													16.60	0.90	27.0
28.0													9.50	0.70	28.0
Down to $\alpha = 0^\circ$	0°	8.20	0°	5.40	0°	3.80	0°	2.50	0°	1.65	0°	1.05	0°	0.60	Down to $\alpha = 0^\circ$
L maxi $\alpha = 0^\circ$ no load	30.40 m		30.40 m		30.40 m		30.40 m		30.40 m		30.40 m		30.40 m		L maxi $\alpha = 0^\circ$ no load

 or α	Boom angle under load in degrees	 *	Minimum admissible reeving
	Authorized load in metric tons (including hook block and slings)	R (m)	Radius in meters

LOAD DEDUCTIONS :
SEE NOTES 1 AND 2 PAGE I-5

L 71515-84A 07/2000

PAGE IV-3

ON HALF EXTENDED OUTRIGGERS OVER 360 DEGREES COUNTERWEIGHT – 5.08 METRIC TONS

 1101
A B C

On firm and level ground and with wheels raised clear of the ground, suspensions locked

 0101
A B C

  R (m)	FULLY TELESCOPIC BOOM FROM 9.40 m to 23.40 m - On 3 sections 5.08 Metric Ton Counterweight										FULLY TELESCOPIC BOOM from 9.40m to 30.40 m on 4 sections 5.08 Metric Ton Counterweight				  R (m)
	9,40 m / (8)*		12,90 m / (5)*		16,40 m / (4)*		19,90 m / (3)*		23,40 m / (3)*		26,90 m / (3)*		30,40 m / (2)*		R (m)
	Max. 79°	29.90	Max. 79°	20.25	Max. 79°	17.40	Max. 79°	12.30	Max. 79°	11.00	Max. 79°	10.25	Max. 79°	8.00	
3.0	60.90	29.90	68.60	20.25	74.30	17.40	77.60	12.30							3.0
3.5	56.90	26.45	66.30	20.25	72.50	17.40	76.00	12.30	78.00	11.00					3.5
4.0	52.60	23.65	63.90	20.25	70.60	17.40	74.40	12.30	77.00	11.00					4.0
4.5	48.00	20.70	61.50	20.25	68.80	17.40	72.80	12.30	75.90	11.00	78.50	10.25			4.5
5.0	43.10	18.10	59.00	19.00	66.90	17.40	71.30	12.30	74.80	11.00	77.50	10.00			5.0
6.0	31.90	14.05	53.60	14.25	63.00	14.15	68.20	12.10	72.50	10.55	75.50	8.80	77.70	8.00	6.0
7.0	17.60	10.55	47.70	10.60	58.90	10.60	65.00	10.55	70.00	9.30	73.40	7.80	75.90	7.30	7.0
8.0			41.00	8.35	54.60	8.30	61.80	8.30	67.50	8.25	71.10	7.10	74.10	6.55	8.0
9.0			32.80	6.55	50.00	6.55	58.40	6.50	64.80	6.40	68.70	6.45	72.10	5.95	9.0
10.0			21.20	5.25	45.00	5.25	55.00	5.20	61.90	5.20	66.30	5.90	70.00	5.45	10.0
11.0					39.50	4.60	51.40	4.55	58.90	4.50	63.70	5.20	67.80	5.00	11.0
12.0					33.00	3.85	47.50	3.85	55.80	3.80	61.00	4.40	65.50	4.40	12.0
13.0					25.20	3.30	43.30	3.25	52.50	3.20	58.30	3.75	63.20	3.75	13.0
14.0					12.70	2.75	38.70	2.75	49.00	2.75	55.60	3.25	60.90	3.25	14.0
15.0							33.40	2.35	45.30	2.30	52.70	2.75	58.50	2.75	15.0
16.0							26.80	1.95	41.40	1.95	49.70	2.40	56.00	2.40	16.0
17.0							17.20	1.65	37.30	1.60	46.70	2.05	53.60	2.05	17.0
18.0									32.80	1.35	43.50	1.80	51.10	1.80	18.0
19.0									27.70	1.10	40.00	1.55	48.50	1.55	19.0
20.0									21.40	0.90	36.50	1.40	45.80	1.40	20.0
21.0									10.00	0.75	32.50	1.20	43.00	1.20	21.0
22.0											27.90	1.10	40.00	1.10	22.0
23.0											22.00	0.90	36.70	0.95	23.0
24.0											14.70	0.75	33.00	0.75	24.0
25.0													28.70	0.70	25.0
26.0													23.30	0.55	26.0
27.0													16.60	0.40	27.0
Down to $\alpha = 0^\circ$	0°	8.20	0°	4.25	0°	2.55	0°	1.35	0°	0.65	0°	0.55			Down to $\alpha = 0^\circ$
L maxi $\alpha = 0^\circ$ no load	23.40 m		23.40 m		23.40 m		23.40 m		23.40 m		26.90 m		29.00 m		L maxi $\alpha = 0^\circ$ no load

 AREA NOT TO BE USED WITH OR WITHOUT LOADS

 LOAD DEDUCTIONS :
SEE NOTES 1 AND 2
PAGE I-5

 °
or α Boom angle under load in degrees

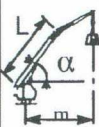
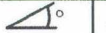

* Minimum admissible reeving


 Authorized load in metric tons
(including hook block and slings)

R (m) Radius in meters



ON OUTRIGGERS FULLY EXTENDED OVER 360 DEGREES – 5.08 METRIC TON COUNTERWEIGHT

 	4 SECTION SYNCHRONIZED BOOM 9.40 m to 30.40 m + 0.25 m section + 7.75 m LATTICE EXTENSION WITH OR WITHOUT 7.00 m STINGER OFFSET OF 0°, 15° OR 30°											
	30,40 m + 0,25 m + 7,75 m						30,40 m + 0,25 m + 14,75 m					
	0°		15°		30°		0°		15°		30°	
	 0102 A D	 0103 A D	 0104 A D	 0105	 0106	 0107						
	 max 79°	 max 79°	 max 79°	 max 79°	 max 79°	 max 79°	 max 79°	 max 79°	 max 79°	 max 79°	 max 79°	max 79°
8.0	77.00	3.30										
9.0	75.80	3.30										
10.0	74.50	3.30	77.00	3.20			77.00	1.70				
11.0	73.10	3.30	75.50	3.00			75.90	1.70				
12.0	71.70	3.25	74.10	2.80	76.00	2.50	74.70	1.70				
13.0	70.20	3.05	72.50	2.65	74.50	2.40	73.60	1.70				
14.0	68.60	2.85	71.00	2.50	72.90	2.30	72.40	1.70	77.00	1.40		
15.0	67.00	2.70	69.40	2.40	71.30	2.20	71.20	1.70	75.70	1.40		
16.0	65.30	2.55	67.70	2.30	70.00	2.10	69.90	1.65	74.50	1.35		
17.0	63.50	2.40	66.00	2.20	68.00	2.05	68.60	1.65	73.20	1.30	76.50	1.10
18.0	61.70	2.30	64.30	2.10	66.20	1.95	67.30	1.60	71.90	1.25	75.10	1.05
19.0	59.90	2.20	62.50	2.00	64.50	1.85	66.00	1.55	70.60	1.25	73.80	1.05
20.0	58.00	2.05	60.60	1.90	62.60	1.80	64.60	1.50	69.20	1.20	72.40	1.05
21.0	56.00	1.95	58.70	1.85	60.70	1.75	63.20	1.45	67.90	1.20	71.00	1.00
22.0	54.00	1.85	56.70	1.75	58.70	1.70	61.70	1.40	66.50	1.15	69.50	1.00
23.0	52.00	1.65	54.60	1.70	56.60	1.65	60.20	1.35	65.00	1.15	68.00	1.00
24.0	49.80	1.50	52.50	1.60	54.50	1.60	58.70	1.30	63.60	1.10	66.50	0.95
25.0	47.60	1.30	50.30	1.40	52.30	1.45	57.10	1.30	62.00	1.10	64.90	0.95
26.0	45.30	1.15	47.90	1.25	50.00	1.35	55.50	1.25	60.40	1.05	63.30	0.95
27.0	43.00	1.00	45.50	1.10	47.50	1.20	53.80	1.20	58.70	1.05	61.60	0.95
28.0	40.50	0.90	43.00	1.00	45.00	1.10	52.00	1.15	57.00	1.00	59.80	0.90
29.0	37.90	0.80	40.30	0.85	42.30	0.90	50.20	1.00	55.10	1.00	57.90	0.90
30.0	35.00	0.70	37.50	0.75	39.40	0.85	48.30	0.90	53.20	1.00	56.00	0.90
31.0	32.00	0.60	34.60	0.65	36.40	0.70	46.70	0.75	51.20	0.95	54.00	0.90
32.0	29.00	0.55	31.50	0.55	33.00	0.60	44.30	0.70	49.00	0.80	51.90	0.90
33.0			28.30	0.50	29.60	0.50	42.20	0.60	46.80	0.75	50.00	0.80
34.0							40.00	0.50	44.40	0.65	47.30	0.75
35.0							38.10	0.45	42.00	0.55	45.00	0.65
36.0									39.50	0.50	42.50	0.55
37.0											40.00	0.45
Jusqu'à $\alpha = 0^\circ$												
L maxi $\alpha = 0^\circ$ no load	26.00 m		26.00 m		26.00 m		24.50 m		24.50 m		24.50 m	

 AREA NOT TO BE USED WITH OR WITHOUT LOADS

 or α	Boom angle under load in degrees	 *	Minimum admissible reeving
	Authorized load in metric tons (including hook block and slings)	R (m)	Radius in meters

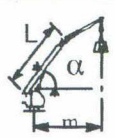
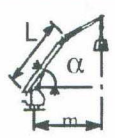
LOAD DEDUCTIONS : SEE
NOTES 1 and 2 PAGE 1-5

ON OUTRIGGERS FULLY EXTENDED OVER 360 DEGREES

5.08 METRIC TON COUNTERWEIGHT

On firm and level ground and with wheels raised clear of the ground, suspensions locked



 (*)  R (m)	3 SECTION SYNCHRONIZED BOOM		4 SECTION SYNCHRONIZED BOOM		 (*)  R (m)
	LATTICE EXTENSION 7.75 m		LATTICE EXTENSION 7.75 m		
	(2) 23,40 m + 0,25 + 7,75 m		(1) 26,90 m + 0,25 + 7,75 m		
	0°		0°		
	 max 79°		 max 79°		
5.0	78.80	5.65			5.0
6.0	77.00	5.65	78.00	4.00	6.0
7.0	75.20	5.20	76.50	4.00	7.0
8.0	73.30	4.90	75.00	4.00	8.0
9.0	71.30	4.60	73.30	4.00	9.0
10.0	69.40	4.30	71.70	3.80	10.0
11.0	67.40	4.05	70.00	3.55	11.0
12.0	65.30	3.85	68.30	3.30	12.0
13.0	63.20	3.65	66.50	3.10	13.0
14.0	61.00	3.45	64.70	2.90	14.0
15.0	58.90	3.30	62.90	2.70	15.0
16.0	56.60	3.15	61.00	2.55	16.0
17.0	54.30	3.00	59.10	2.40	17.0
18.0	52.00	2.60	57.20	2.30	18.0
19.0	49.60	2.35	55.20	2.20	19.0
20.0	47.10	2.10	53.10	2.10	20.0
21.0	44.50	1.85	51.00	2.00	21.0
22.0	41.80	1.65	48.80	1.90	22.0
23.0	38.90	1.50	46.40	1.75	23.0
24.0	35.80	1.30	43.90	1.55	24.0
25.0	32.30	1.10	41.20	1.40	25.0
26.0	28.30	1.00	38.30	1.30	26.0
27.0	23.50	0.85	35.00	1.15	27.0
28.0	17.50	0.70	31.20	1.05	28.0
29.0	11.30	0.55	26.90	0.90	29.0
30.0			22.00	0.80	30.0
31.0			17.10	0.70	31.0
32.0			13.00	0.60	32.0
Down to $\alpha = 0^\circ$	0°	0.45	0°	0.45	Down to $\alpha = 0^\circ$

LOAD DEDUCTIONS : SEE NOTES 1-2-4 PAGE I-5

 or α	Boom angle under load in degrees	 *	Minimum admissible reeving
	Authorized load in metric tons (including hook block and slings)	R (m)	Radius in meters



LOADS ON WHEELS 360° – SECTION 4 RETRACTED

5.08 METRIC TON COUNTERWEIGHT

 R (m)	MAIN BOOM						 R (m)
	9,40 m / (2)*		12,90 m / (2)*		16,40 m / (2)*		
							
	Max. 65°	6.55	Max. 75°	6.45	Max. 79°	6.40	
3.0	60.90	6.55	68.60	6.45	74.30	6.40	3.0
3.5	56.90	5.60	66.30	5.50	72.50	5.45	3.5
4.0	52.60	4.85	63.90	4.75	70.60	4.70	4.0
4.5	48.00	4.25	61.50	4.15	68.80	4.10	4.5
5.0	43.10	3.70	59.00	3.60	66.90	3.55	5.0
6.0	31.90	2.90	53.60	2.80	63.00	2.75	6.0
7.0	17.60	2.30	47.70	2.20	58.90	2.15	7.0
8.0			41.00	1.75	54.60	1.70	8.0
9.0			32.80	1.35	50.00	1.30	9.0
10.0			21.20	1.05	45.00	1.00	10.0
11.0					39.50	0.75	11.0
12.0					33.00	0.55	12.0
Down to $\alpha = 0^\circ$	0°	2.10	0°	0.75			Down to $\alpha = 0^\circ$
L maxi $\alpha = 0^\circ$ no load	9.40 m		12.90 m		15.00 m		L maxi $\alpha = 0^\circ$ no load

 AREA NOT TO BE USED WITH OR WITHOUT LOADS

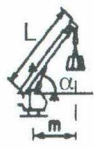
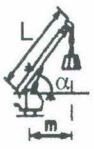
LOAD DEDUCTIONS : SEE NOTES 1 AND 2 PAGE I-5

LIFTING on wheels (see page IV-9)

 or α	Boom angle under load in degrees
	Authorized load in metric tons (including hook block and slings)
 *	Minimum admissible reeving
R (m)	Radius in meters



LOADS ON WHEELS CENTERED OVER REAR OF THE CHASSIS
SECTION 4 RETRACTED – 5.08 METRIC TON
COUNTERWEIGHT
SLEWING LOCK ENGAGED

  R (m)	MAIN BOOM						  R (m)
	9,40 m / (3)*		12,90 m / (3)*		16,40 m / (3)		
							
	Max. 65°	9.30	Max. 75°	9.15	Max. 79°	9.10	
3.0	60.90	9.30	68.60	9.15	74.30	9.10	3.0
3.5	56.90	8.25	66.30	8.20	72.50	8.10	3.5
4.0	52.60	7.35	63.90	7.30	70.60	7.25	4.0
4.5	48.00	6.60	61.50	6.55	68.80	6.50	4.5
5.0	43.10	6.00	59.00	5.90	66.90	5.85	5.0
6.0	31.90	4.95	53.60	4.90	63.00	4.85	6.0
7.0	17.60	4.15	47.70	4.10	58.90	4.05	7.0
8.0			41.00	3.45	54.60	3.40	8.0
9.0			32.80	2.95	50.00	2.90	9.0
10.0			21.20	2.50	45.00	2.45	10.0
11.0					39.50	2.10	11.0
12.0					33.00	1.80	12.0
13.0					25.20	1.55	13.0
14.0					12.70	1.30	14.0
Down to $\alpha = 0^\circ$	0°	3.90	0°	2.10	0°	1.15	Down to $\alpha = 0^\circ$

LOAD DEDUCTIONS : SEE NOTES 1 AND 2 PAGE I-5

LIFTING ON WHEELS

Operate on a firm and level surface with tyres inflated to the recommended pressure and suspension locked (see driver's manual). The recommended pressures are indicated either in the cab or next to the wheels. For pick and carry operation use the shortest boom centered over rear of the chassis with the load slung close to the chassis at the lowest available speed. For maximum security, extend the outrigger beams and lower the outrigger jack cylinders. Turret slewing locking system.

 or α	Boom angle under load in degrees	 *	Minimum admissible reeving
	Authorized load in metric tons (including hook block and slings)	R (m)	Radius in meters