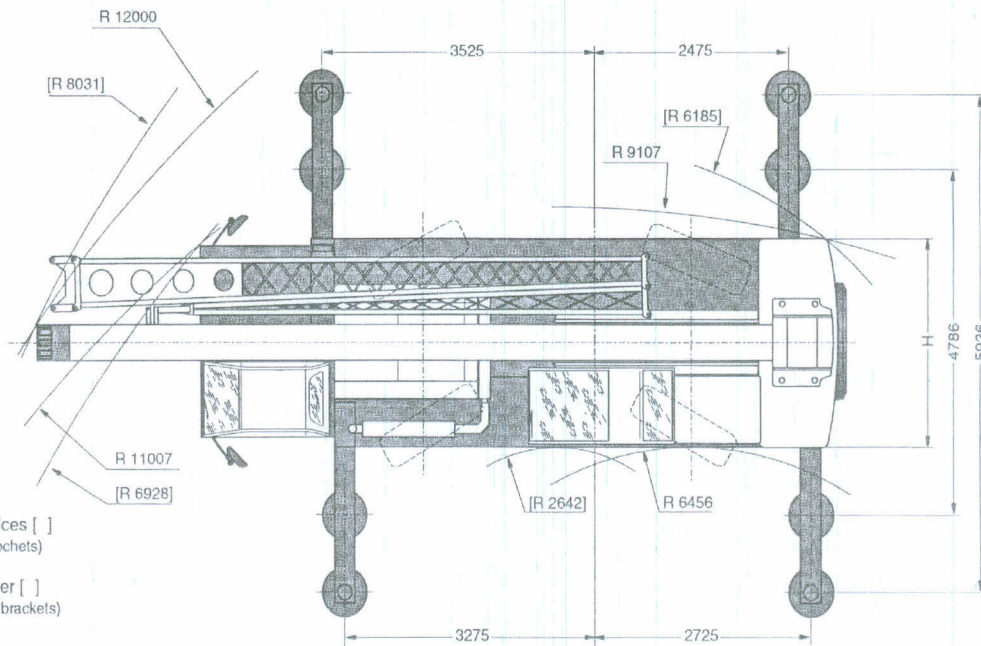
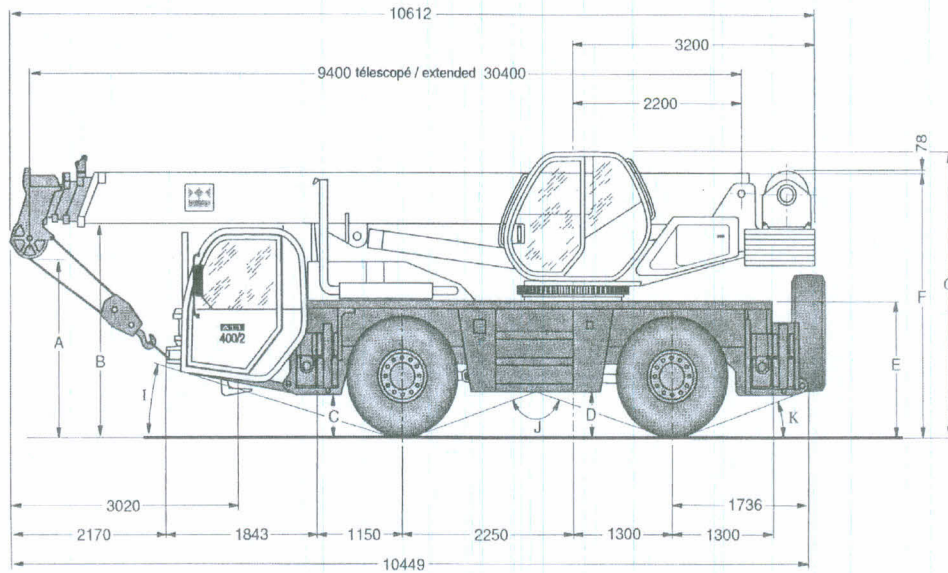




# ATT 400/2



# DIMENSIONS



\* 4 roues directrices [ ]  
(chiffres entre crochets)

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

	A	B	C	D	E	F	G	G <sup>(*)</sup>	H	I	I <sup>(*)</sup>	J	J <sup>(*)</sup>	K	K <sup>(*)</sup>	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



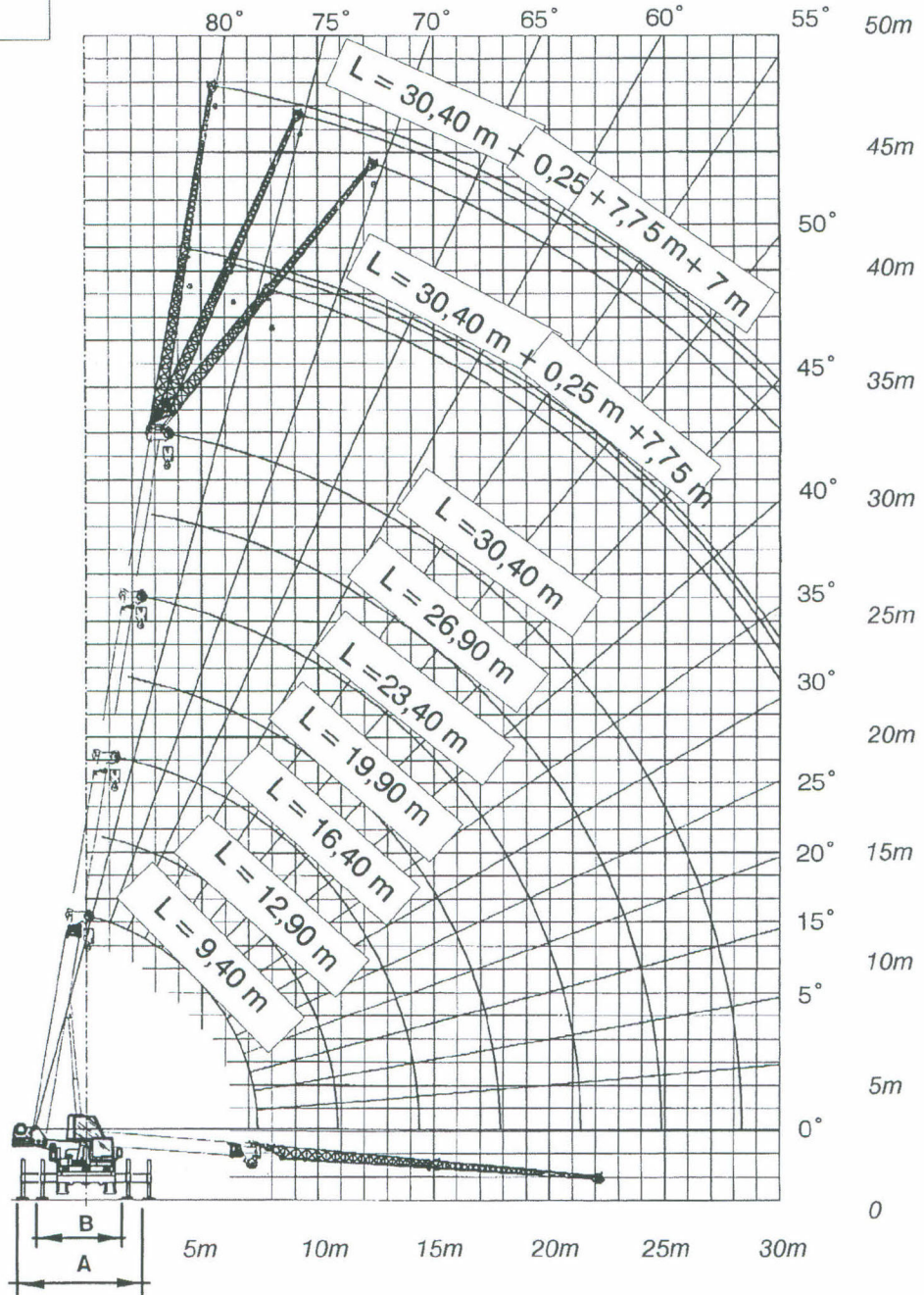
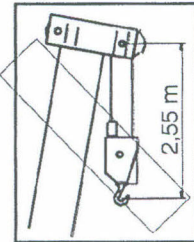
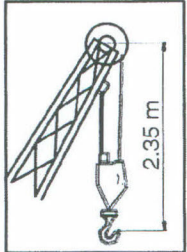
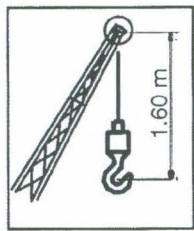
Z.I. La Saule - B.P. 106  
71304 Montceau-les-Mines Cedex - FRANCE  
Tél. (33) 03 85 67 38 00 - Fax (33) 03 85 67 38 98



AIT 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



A = 5,95 m

B = 4,80 m

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

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

 or $\alpha$	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)	<b>FULLY TELESCOPIC BOOM FROM 9.40 m to 30.40 m – On 4 sections</b> <b>5.08 Metric Ton Counterweight</b>														 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°	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°
L maxi alpha = 0° 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° no load

 or alpha	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**

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



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

AREA NOT TO BE USED WITH OR WITHOUT LOADS

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



°  
or  $\alpha$  Boom angle under load in degrees



\* Minimum admissible reeving

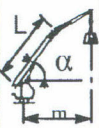















Authorized load in metric tons  
(including hook block and slings)




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°		
8.0	77.00	<b>3.30</b>										
9.0	75.80	<b>3.30</b>										
10.0	74.50	<b>3.30</b>	77.00	<b>3.20</b>			77.00	<b>1.70</b>				
11.0	73.10	<b>3.30</b>	75.50	<b>3.00</b>			75.90	<b>1.70</b>				
12.0	71.70	<b>3.25</b>	74.10	<b>2.80</b>	76.00	<b>2.50</b>	74.70	<b>1.70</b>				
13.0	70.20	<b>3.05</b>	72.50	<b>2.65</b>	74.50	<b>2.40</b>	73.60	<b>1.70</b>				
14.0	68.60	<b>2.85</b>	71.00	<b>2.50</b>	72.90	<b>2.30</b>	72.40	<b>1.70</b>	77.00	<b>1.40</b>		
15.0	67.00	<b>2.70</b>	69.40	<b>2.40</b>	71.30	<b>2.20</b>	71.20	<b>1.70</b>	75.70	<b>1.40</b>		
16.0	65.30	<b>2.55</b>	67.70	<b>2.30</b>	70.00	<b>2.10</b>	69.90	<b>1.65</b>	74.50	<b>1.35</b>		
17.0	63.50	<b>2.40</b>	66.00	<b>2.20</b>	68.00	<b>2.05</b>	68.60	<b>1.65</b>	73.20	<b>1.30</b>	76.50	<b>1.10</b>
18.0	61.70	<b>2.30</b>	64.30	<b>2.10</b>	66.20	<b>1.95</b>	67.30	<b>1.60</b>	71.90	<b>1.25</b>	75.10	<b>1.05</b>
19.0	59.90	<b>2.20</b>	62.50	<b>2.00</b>	64.50	<b>1.85</b>	66.00	<b>1.55</b>	70.60	<b>1.25</b>	73.80	<b>1.05</b>
20.0	58.00	<b>2.05</b>	60.60	<b>1.90</b>	62.60	<b>1.80</b>	64.60	<b>1.50</b>	69.20	<b>1.20</b>	72.40	<b>1.05</b>
21.0	56.00	<b>1.95</b>	58.70	<b>1.85</b>	60.70	<b>1.75</b>	63.20	<b>1.45</b>	67.90	<b>1.20</b>	71.00	<b>1.00</b>
22.0	54.00	<b>1.85</b>	56.70	<b>1.75</b>	58.70	<b>1.70</b>	61.70	<b>1.40</b>	66.50	<b>1.15</b>	69.50	<b>1.00</b>
23.0	52.00	<b>1.65</b>	54.60	<b>1.70</b>	56.60	<b>1.65</b>	60.20	<b>1.35</b>	65.00	<b>1.15</b>	68.00	<b>1.00</b>
24.0	49.80	<b>1.50</b>	52.50	<b>1.60</b>	54.50	<b>1.60</b>	58.70	<b>1.30</b>	63.60	<b>1.10</b>	66.50	<b>0.95</b>
25.0	47.60	<b>1.30</b>	50.30	<b>1.40</b>	52.30	<b>1.45</b>	57.10	<b>1.30</b>	62.00	<b>1.10</b>	64.90	<b>0.95</b>
26.0	45.30	<b>1.15</b>	47.90	<b>1.25</b>	50.00	<b>1.35</b>	55.50	<b>1.25</b>	60.40	<b>1.05</b>	63.30	<b>0.95</b>
27.0	43.00	<b>1.00</b>	45.50	<b>1.10</b>	47.50	<b>1.20</b>	53.80	<b>1.20</b>	58.70	<b>1.05</b>	61.60	<b>0.95</b>
28.0	40.50	<b>0.90</b>	43.00	<b>1.00</b>	45.00	<b>1.10</b>	52.00	<b>1.15</b>	57.00	<b>1.00</b>	59.80	<b>0.90</b>
29.0	37.90	<b>0.80</b>	40.30	<b>0.85</b>	42.30	<b>0.90</b>	50.20	<b>1.00</b>	55.10	<b>1.00</b>	57.90	<b>0.90</b>
30.0	35.00	<b>0.70</b>	37.50	<b>0.75</b>	39.40	<b>0.85</b>	48.30	<b>0.90</b>	53.20	<b>1.00</b>	56.00	<b>0.90</b>
31.0	32.00	<b>0.60</b>	34.60	<b>0.65</b>	36.40	<b>0.70</b>	46.70	<b>0.75</b>	51.20	<b>0.95</b>	54.00	<b>0.90</b>
32.0	29.00	<b>0.55</b>	31.50	<b>0.55</b>	33.00	<b>0.60</b>	44.30	<b>0.70</b>	49.00	<b>0.80</b>	51.90	<b>0.90</b>
33.0			28.30	<b>0.50</b>	29.60	<b>0.50</b>	42.20	<b>0.60</b>	46.80	<b>0.75</b>	50.00	<b>0.80</b>
34.0							40.00	<b>0.50</b>	44.40	<b>0.65</b>	47.30	<b>0.75</b>
35.0							38.10	<b>0.45</b>	42.00	<b>0.55</b>	45.00	<b>0.65</b>
36.0									39.50	<b>0.50</b>	42.50	<b>0.55</b>
37.0											40.00	<b>0.45</b>
Jusqu'à $\alpha = 0^\circ$												
L maxi $\alpha = 0^\circ$ no load	<b>26.00 m</b>		<b>26.00 m</b>		<b>26.00 m</b>		<b>24.50 m</b>		<b>24.50 m</b>		<b>24.50 m</b>	

 AREA NOT TO BE USED WITH OR WITHOUT LOADS

 or $\alpha$	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°	0°	0.45	0°	0.45	Down to alpha = 0°

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

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

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

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

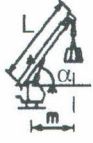

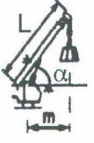







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


**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°	<b>9.30</b>	Max. 75°	<b>9.15</b>	Max. 79°	<b>9.10</b>	
3.0	60.90	<b>9.30</b>	68.60	<b>9.15</b>	74.30	<b>9.10</b>	3.0
3.5	56.90	<b>8.25</b>	66.30	<b>8.20</b>	72.50	<b>8.10</b>	3.5
4.0	52.60	<b>7.35</b>	63.90	<b>7.30</b>	70.60	<b>7.25</b>	4.0
4.5	48.00	<b>6.60</b>	61.50	<b>6.55</b>	68.80	<b>6.50</b>	4.5
5.0	43.10	<b>6.00</b>	59.00	<b>5.90</b>	66.90	<b>5.85</b>	5.0
6.0	31.90	<b>4.95</b>	53.60	<b>4.90</b>	63.00	<b>4.85</b>	6.0
7.0	17.60	<b>4.15</b>	47.70	<b>4.10</b>	58.90	<b>4.05</b>	7.0
8.0			41.00	<b>3.45</b>	54.60	<b>3.40</b>	8.0
9.0			32.80	<b>2.95</b>	50.00	<b>2.90</b>	9.0
10.0			21.20	<b>2.50</b>	45.00	<b>2.45</b>	10.0
11.0					39.50	<b>2.10</b>	11.0
12.0					33.00	<b>1.80</b>	12.0
13.0					25.20	<b>1.55</b>	13.0
14.0					12.70	<b>1.30</b>	14.0
Down to $\alpha = 0^\circ$	0°	<b>3.90</b>	0°	<b>2.10</b>	0°	<b>1.15</b>	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 $\alpha$	Boom angle under load in degrees	 *	Minimum admissible reeving
	Authorized load in metric tons (including hook block and slings)	R (m)	Radius in meters