



	A	B	C	D	E	F	G	G'	H	α	β	γ
14.00 R 25	2000	2480	420	475	1570	3080	3450	3370	2500	20°	20°	144°
16.00 R 25	2050	2530	470	525	1620	3130	3500	3420	2650	22°	21°	140°

(*) Machine in lowered position

FULLY TELESCOPIC BOOM FROM 9.40 m to 30.40 m – On 4 sections														5.19 Metric Ton Counterweight	
L 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)*		L m
	α	Authorized load	α	Authorized load	α	Authorized load	α	Authorized load	α	Authorized load	α	Authorized load	α	Authorized load	
	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	
R (m)															
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	9.00	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	9.00	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 max $\alpha=0^\circ$ no load	30.40 m		30.40 m		30.40 m		30.40 m		30.40 m		30.40 m		30.40 m		L max $\alpha=0^\circ$ no load

α	Boomer 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