

[illegible]

GRÁFICO DE LANÇAMENTO DA LANÇA - BOOM LIFTING CHART

COM 20T DE CONTRAPESO - WITH 20T COUNTERWEIGHT

LANÇAS (7560 x 7600mm), 360° DE OPERAÇÃO - FULL OUTRIGGERS (7560 x 7600mm), 360° OPERATION

RAIO DE TRABALHO (m) Radius	LANÇAS PRINCIPAIS - MAIN BOOM											
	13.00 (t)	17.14 (t)	21.28 (t)	25.42 (t)	29.56 (t)	33.70 (t)	37.84 (t)	41.98 (t)	46.12 (t)	50.26 (t)	54.40 (t)	58.00 (t)
3.0	130.0	110.0										
3.5	120.0	105.0										
4.0	110.0	100.0	90.0	75.0								
4.5	100.0	94.0	85.0	75.0	65.0							
5.0	92.0	88.0	76.0	70.0	60.0	50.0						
6.0	78.0	78.0	70.0	65.0	53.6	48.0	40.0					
7.0	66.0	66.0	65.0	58.0	50.5	45.0	38.0	35.0				
8.0	55.0	56.0	55.0	53.0	48.5	42.0	35.0	33.0	28.0			
9.0	49.5	50.2	49.6	48.0	43.6	40.5	32.5	31.0	26.0	20.0		
10.0	40.0	41.8	40.2	38.5	40.1	37.2	30.0	28.0	25.0	18.0	16.5	13.5
12.0		30.4	29.8	29.2	29.3	29.7	27.0	25.2	22.0	16.5	15.5	12.5
14.0		22.9	23.0	22.6	22.1	22.4	23.0	22.3	20.0	15.5	14.0	12.0
16.0			19.5	19.8	19.5	19.3	18.4	18.3	18.0	14.5	13.0	11.5
18.0			15.9	16.2	15.9	15.7	16.0	14.8	15.0	13.5	12.0	10.5
20.0				13.4	13.5	13.0	13.3	13.0	12.5	12.5	11.5	10.0
22.0				11.2	11.5	11.0	11.2	11.5	11.5	10.8	11.0	9.3
24.0					9.7	10.0	10.3	9.8	10.1	9.7	9.3	8.6
26.0					8.3	8.6	8.9	8.8	8.7	8.3	7.9	8.0
28.0						7.4	7.8	7.8	7.6	7.1	6.8	7.5
30.0						6.4	6.7	6.8	6.6	6.2	5.8	6.8
32.0							5.9	5.9	5.7	5.3	5.0	5.8
34.0							5.1	5.2	5.0	4.6	4.2	5.0
36.0								4.5	4.3	3.9	3.6	4.3
38.0									3.7	3.3	3.0	3.6
40.0									3.2	2.8	2.5	3.1
42.0										2.4	2.0	2.6
44.0										2.0	1.6	2.1
46.0												1.7
48.0												

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	13.00 (t)	17.14 (t)	21.28 (t)	25.42 (t)	29.56 (t)	33.70 (t)	37.84 (t)	41.98 (t)	46.12 (t)	50.26 (t)	54.40 (t)	58.00 (t)
3.0	122.0	110.0										
3.5	115.0	105.0										
4.0	105.0	100.0	90.0	75.0								
4.5	95.0	92.0	85.0	75.0	65.0							
5.0	86.0	83.0	76.0	70.0	60.0	50.0						
6.0	70.0	68.0	66.0	65.0	53.6	48.0	40.0					
7.0	60.0	58.0	58.0	57.0	50.5	45.0	38.0	35.0				
8.0	50.1	51.8	50.0	51.5	48.5	42.0	35.0	33.0	28.0			
9.0	40.3	42.0	40.4	40.5	41.5	40.5	32.5	31.0	26.0	20.0		
10.0	32.3	34.0	32.5	33.5	33.6	34.0	28.6	28.0	25.0	18.0	16.5	13.5
12.0		25.1	25.0	25.0	25.2	25.2	24.8	24.8	22.0	16.5	15.5	12.5
14.0		18.7	19.9	20.2	19.9	19.6	19.0	18.6	18.8	15.5	14.0	12.0
16.0			16.0	15.9	16.0	15.4	15.7	15.5	14.6	14.5	13.0	11.5
18.0			12.9	12.8	13.0	13.0	13.5	13.0	13.3	12.5	12.0	10.5
20.0				10.5	10.6	10.9	11.3	11.3	11.0	10.6	10.2	10.0
22.0				8.6	8.8	9.1	9.4	9.5	9.2	8.8	8.4	8.4
24.0					7.4	7.7	8.0	8.0	7.8	7.3	7.0	7.0
26.0					6.1	6.5	6.8	6.8	6.6	6.2	5.8	5.8
28.0						5.5	5.8	5.8	5.6	5.2	4.8	4.9
30.0						4.6	4.9	5.0	4.8	4.3	4.0	4.0
32.0							4.2	4.2	4.0	3.6	3.3	3.3
34.0							3.5	3.6	3.4	3.0	2.6	2.7
36.0								3.0	2.8	2.4	2.1	2.1
38.0									2.3	1.9	1.6	1.7
40.0									1.9	1.5		

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3.0	120.0	110.0										
3.5	110.0	105.0										
4.0	95.0	95.0	90.0	75.0								
4.5	88.0	87.0	75.0	67.0	65.0							
5.0	81.0	78.0	62.0	56.0	55.0	48.0						
6.0	60.0	58.8	47.5	48.5	47.5	46.0	40.0					
7.0	45.3	45.0	38.3	41.5	40.5	42.5	38.0	35.0				
8.0	35.1	40.6	35.2	38.2	35.9	37.6	35.0	33.0	28.0			
9.0	27.8	32.1	31.0	30.7	30.0	32.0	32.0	31.0	26.0	20.0		
10.0	20.8	25.8	27.0	27.3	26.9	26.6	25.4	25.3	25.0	18.0	16.5	13.5
12.0		17.9	19.4	19.2	19.4	18.6	18.9	18.5	18.0	16.5	15.5	12.5
14.0		12.9	14.5	14.3	14.4	14.8	15.1	15.1	14.8	14.0	13.8	12.0
16.0			11.1	11.0	11.1	11.4	11.8	11.8	11.5	11.0	10.6	10.6
18.0			8.7	8.6	8.8	9.1	9.4	9.4	9.1	8.7	8.3	8.3
20.0				6.8	7.0	7.3	7.6	7.6	7.3	6.9	6.5	6.5
22.0				5.3	5.5	5.8	6.2	6.2	5.9	5.5	5.1	5.2
24.0					4.4	4.7	5.0	5.0	4.8	4.4	4.0	4.0
26.0					3.4	3.8	4.1	4.1	3.9	3.5	3.1	3.1
28.0						3.0	3.3	3.3	3.1	2.7	2.3	2.4
30.0						2.3	2.6	2.7	2.5	2.1	1.7	1.7
32.0								2.1	1.9			