



Technical Data

Specification & Capacities



MPK50



12,0kW/16,1Hp



9'02'' - 22'08''



11000 lb



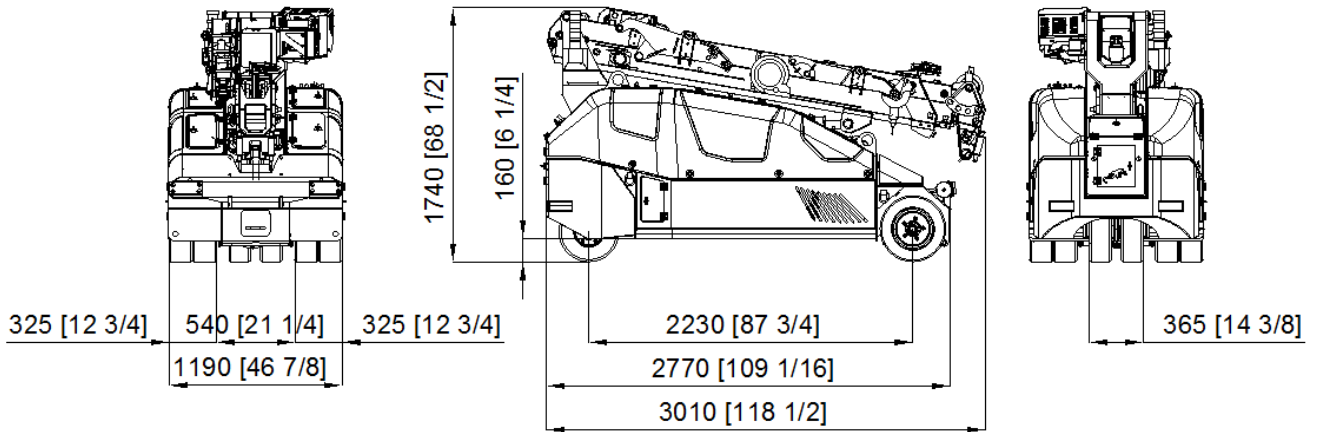
B30.5



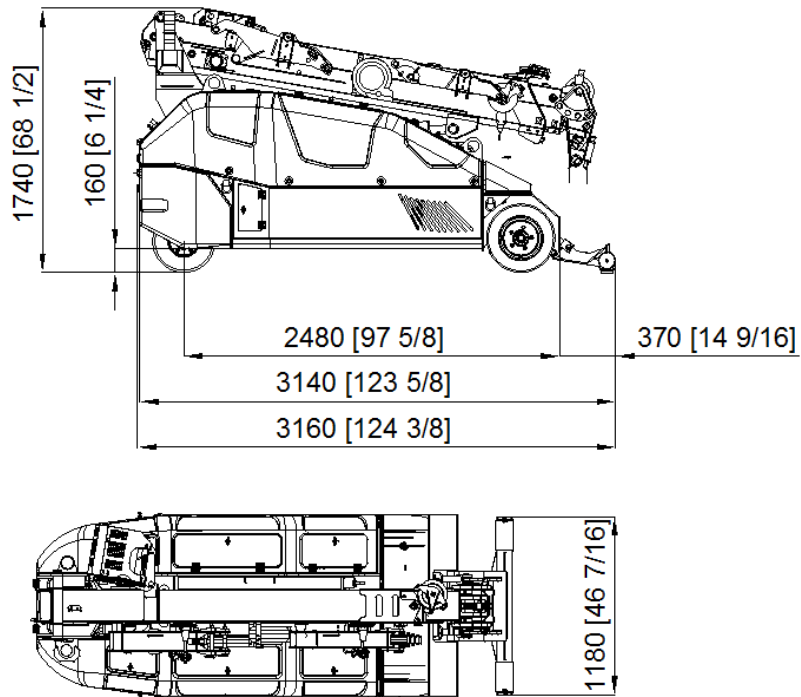
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Date	Oct. 11 th 2016
REV.	Rev. 5

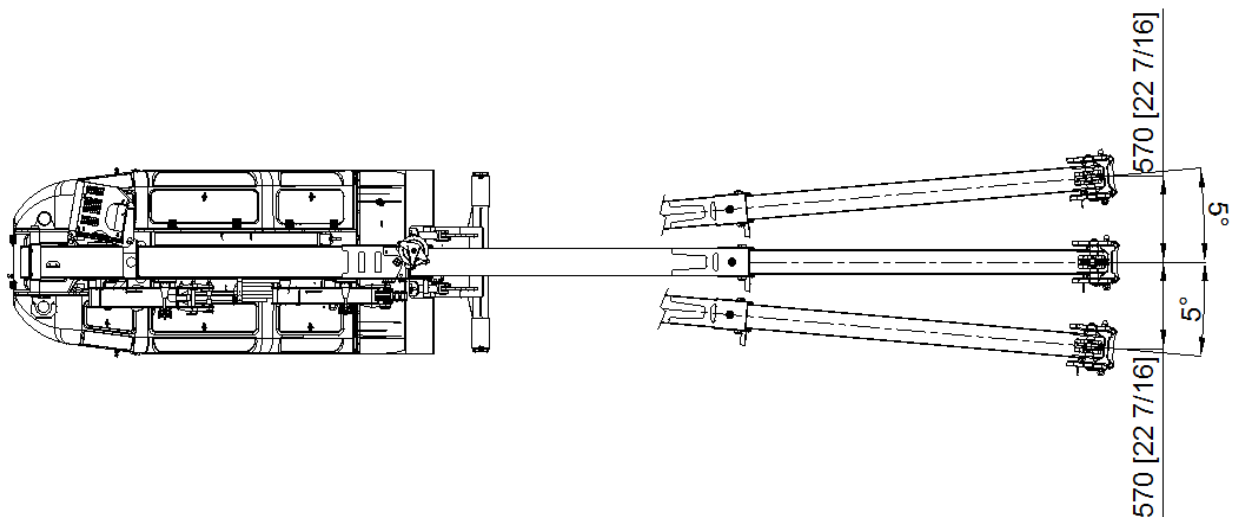
MPK50 – OVERALL DIMENSIONS



MPK50 - Stabilizing bar



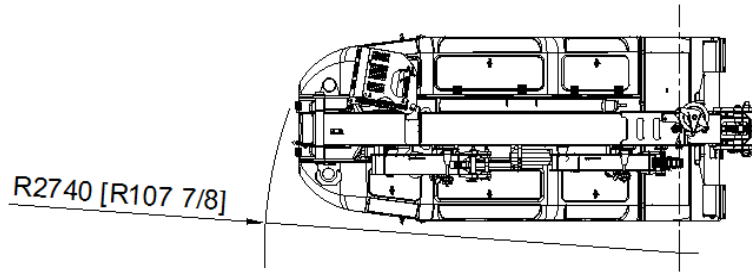
MPK50 – Boom movement










MPK50 – Turning radius



MPK50



		lb
		7590
		2200
Tot.		9790

	48V 620 Ah		12,0kW 16,1Hp
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	mph	6,4
	20%	

	-10°/65°	25 sec
	ft 9'2"- 22'8"	25 sec

Reaction on wheel (double wheel base)

	lb	0
	lb	5720
	lb	4070
	lb	9790

HOIST PERFORMANCE

Layer	Max Line Pull	Normal Line Speed	High Line Speed
	lb	ft/min	ft/min
1	3.280 (*)	112,9	N/A
2	3.029 (*)	123,0	N/A
3	2.818 (*)	133,2	N/A
4	2578 (*)	140,4	N/A
5	2.420(*)	148,0	N/A

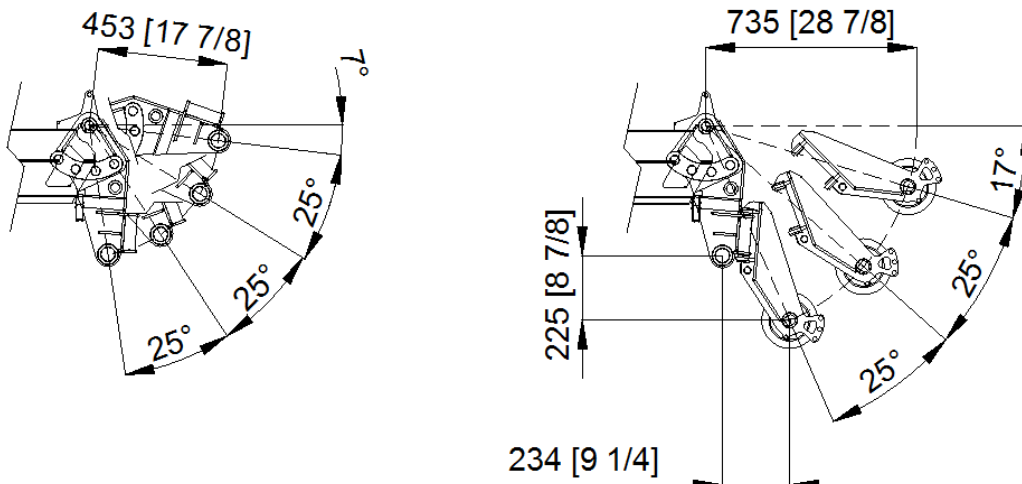
(*) 2200lb LMI limited

Wire Rope	Diameter	Tot. Length	Max Load
	in	ft	lb
19x7 right lang lay Non rotating	5/16"	196' 10"	11.957

HOOK BLOCK

LOAD	No. of	
	Sheaves	Lines
11.000	3	5
8.800	2	4
6.600	2	3
4.400	1	2
2.200		1

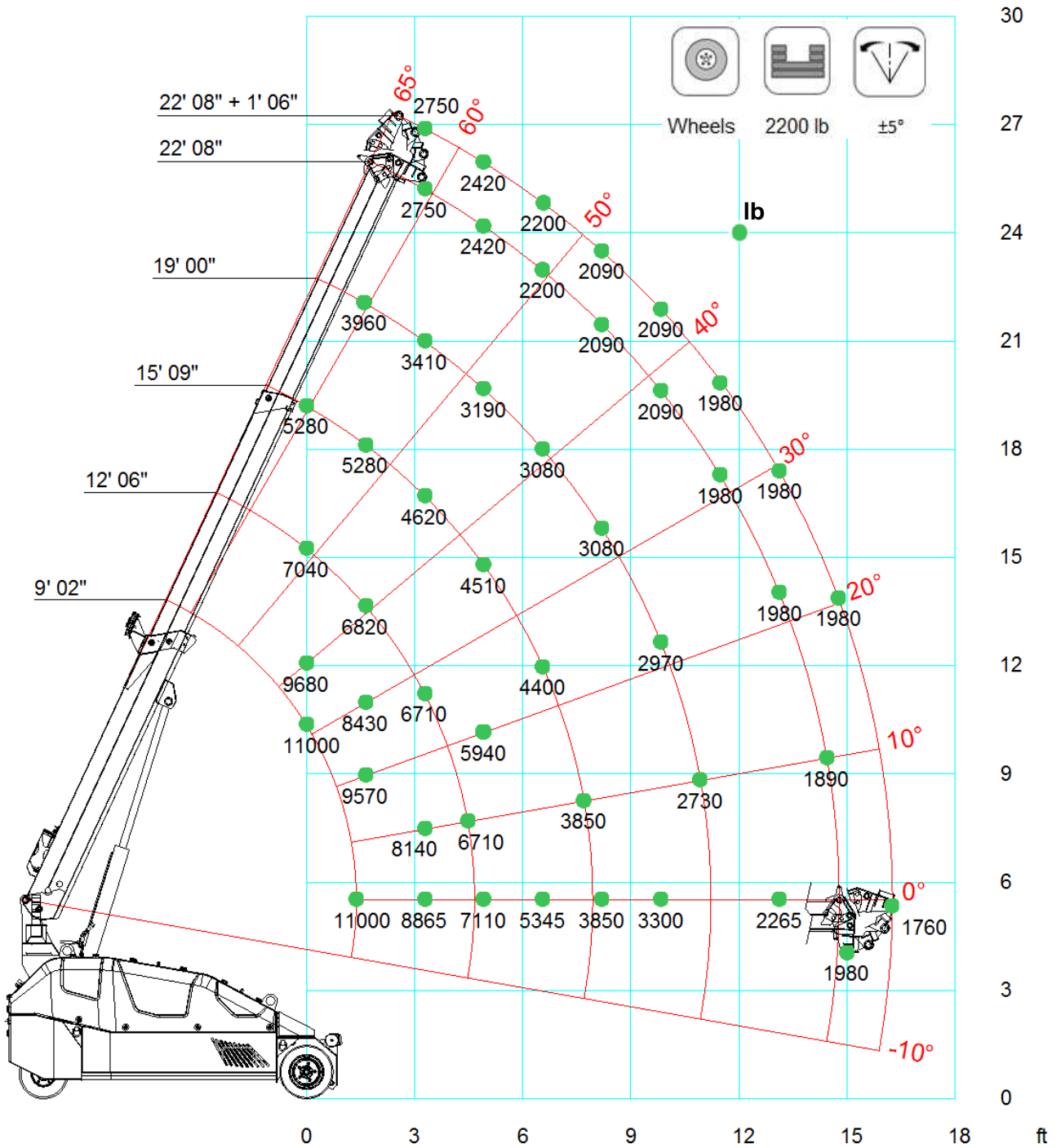
BOOM HEAD CONFIGURATIONS















MPK50

MPK50 MAIN BOOM Wheels



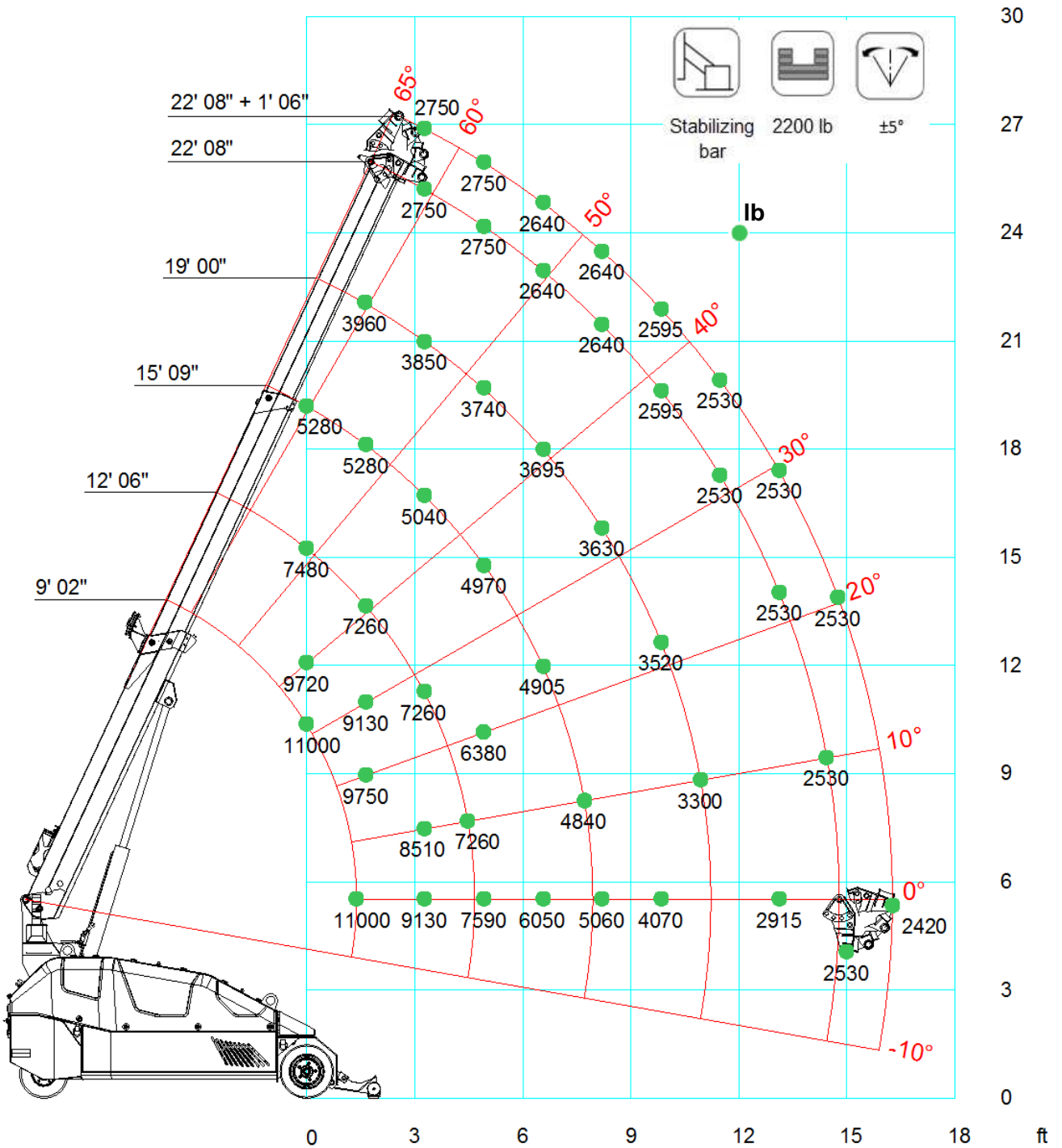
							
	HOOK	Wheels	2200 lb	±5°	9' 02"	12' 06"	
					15' 09"	19' 00"	22' 08"
0' 00"	11000	7040	5280				
1' 08"	11000	6820	5280	3960			
3' 03"		6710	4620	3410	2750		
4' 11"		6710	4510	3190	2420		
6' 07"			4400	3080	2200		
8' 02"			3850	3080	2090		
9' 10"				2970	2090		
11' 06"				2640	1980		
13' 01"					1980		
14' 09"					1980		
16' 01"						1760	






LCMPK50_V101_0416_MAIN_A1_G_CW_1000_WHEEL

							
	HOOK	Wheels	0 lb	±5°	9' 02"	12' 06"	
					15' 09"	19' 00"	22' 08"
0' 00"	9900	5940	4510				
1' 08"	8800	5500	4180	3080			
3' 03"		4840	3520	2860	2585		
4' 11"		3740	3080	2640	2255		
6' 07"			2640	2420	2145		
8' 02"			1980	1870	1870		
9' 10"				1672	1540		
11' 06"				1364	1320		
13' 01"					1100		
16' 01"						990	






LCMPK50_V102_0616_MAIN_A1_G_CW_0_WHEEL

MPK50 MAIN BOOM Stabilizing bar



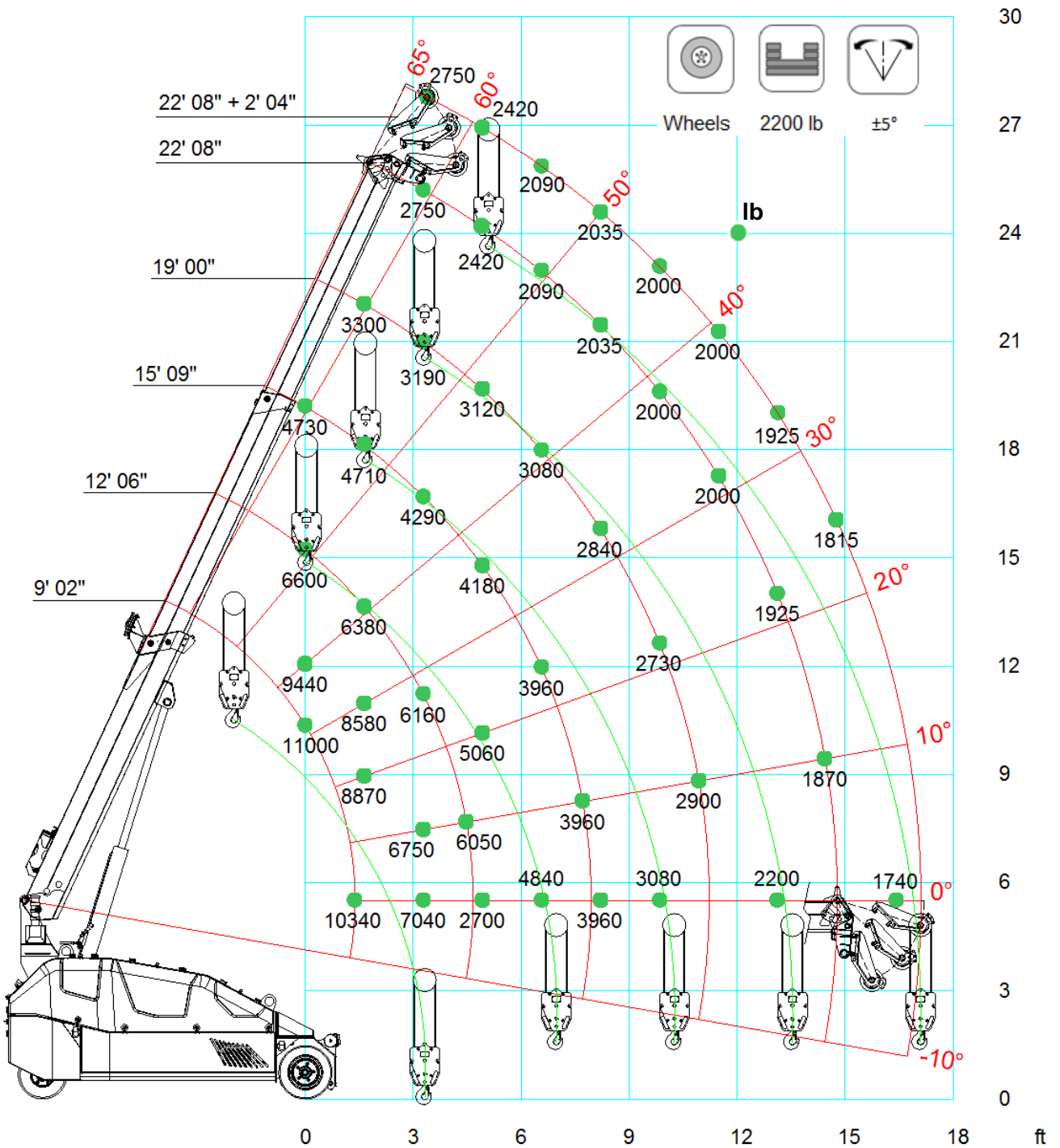
	 HOOK	 Stabilizing bar	 2200 lb	 $\pm 5^\circ$	
	9' 02"	12' 06"	15' 09"	19' 00"	22' 08"
0' 00"	11000	7480	5280		
1' 08"	11000	7260	5280	3960	
3' 03"		7260	5038	3850	2750
4' 11"		7260	4972	3740	2750
6' 07"			4906	3696	2640
8' 02"			4840	3630	2640
9' 10"				3520	2596
11' 06"				3300	2530
13' 01"					2530
14' 09"					2530
16' 01"					2420






LCMPK50_V101_0416_MAIN_A1_G_CW_1000_BAR

	 HOOK	 Stabilizing bar	 0 lb	 $\pm 5^\circ$	
	9' 02"	12' 06"	15' 09"	19' 00"	22' 08"
0' 00"	11000	6600	4884		
1' 08"	9900	6380	4730	3520	
3' 03"		6050	4290	3300	2618
4' 11"		5500	4026	3190	2530
6' 07"			3740	3036	2453
8' 02"			3410	2750	2310
9' 10"				2596	2145
11' 06"				2310	1980
13' 01"					1870
16' 01"					1760






LCMPK50_V102_0616_MAIN_A1_G_CW_0_BAR

MPK50 MAIN BOOM Winch Wheels








	 WINCH	 Wheels	 2200 lb	 $\pm 5^\circ$		
	9' 02"	12' 06"	15' 09"	19' 00"	22' 08"	
0' 00"	11000	6556	4708			
1' 08"	10340	6380	4708	3300		
3' 03"		6204	4268	3168	2750	
4' 11"		6116	4180	3124	2442	
6' 07"			3960	3080	2090	
8' 02"			3542	2838	2035	
9' 10"				2728	2002	
11' 06"				2552	2002	
13' 01"					1925	
14' 09"					1815	
16' 01"					1760	






LCMPK50_V101_0416_MAIN_A1_G_CW_1000_WHEEL

	 WINCH	 Wheels	 0 lb	 $\pm 5^\circ$		
	9' 02"	12' 06"	15' 09"	19' 00"	22' 08"	
0' 00"	9900	5588	3916			
1' 08"	7700	5148	3916	3168		
3' 03"		4576	3520	2948	2255	
4' 11"		3652	3212	2728	2035	
6' 07"			2552	2112	1705	
8' 02"			1936	1826	1562	
9' 10"				1496	1232	
11' 06"				1276	1100	
13' 01"					1001	
14' 09"					935	
16' 01"					880	

LCMPK50_V102_0616_MAIN_A1_F_CW_0_WHEEL

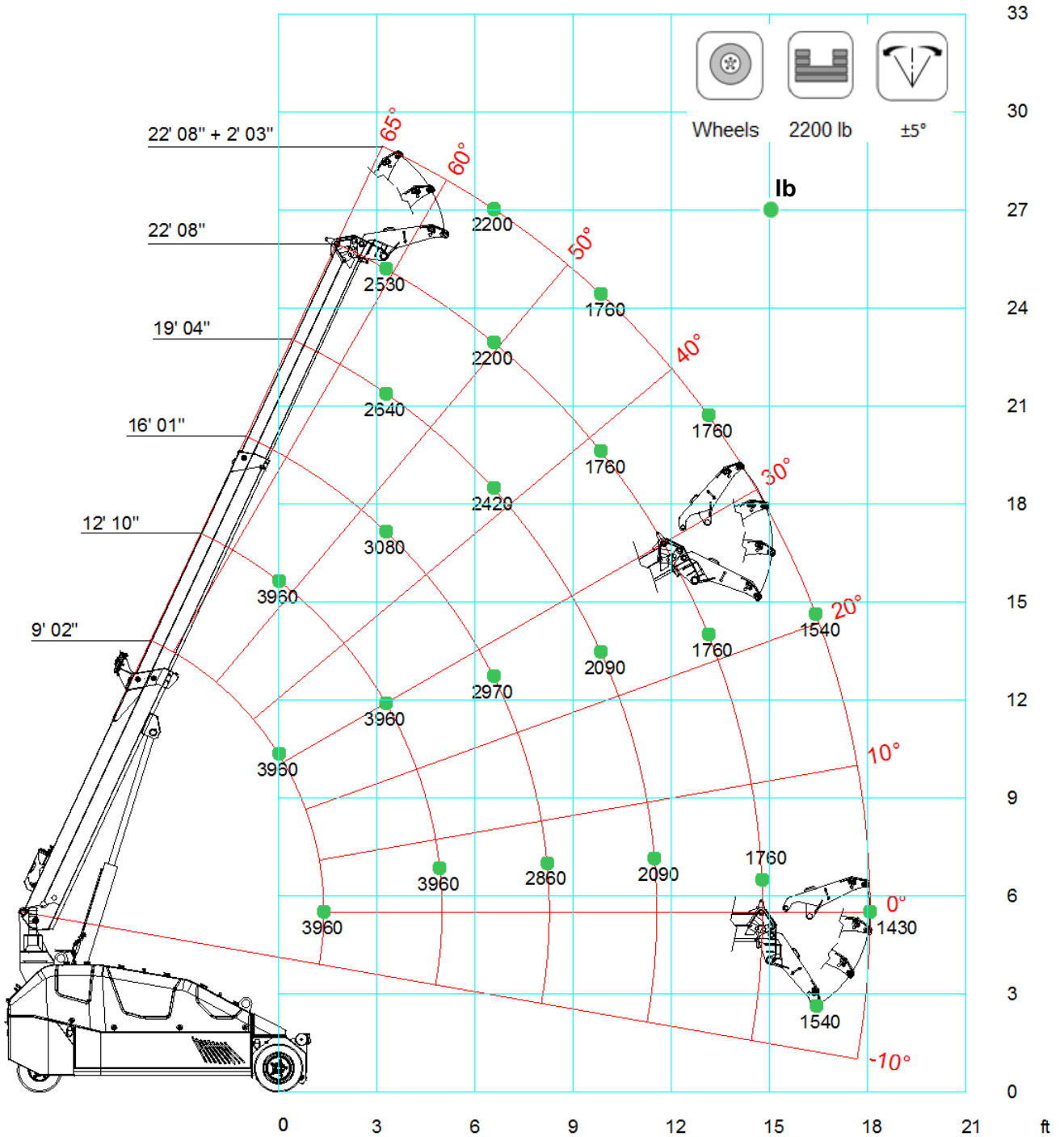
	 WINCH	 Stabilizing bar	 2200 lb	 ±5°	
	9' 02"	12' 06"	15' 09"	19' 00"	22' 08"
0' 00"	11000	6996	4840		
1' 08"	9900	6952	4840	3652	
3' 03"		6644	4708	3520	2805
4' 11"		6644	4697	3476	2805
6' 07"			4598	3388	2695
8' 02"			4488	3300	2695
9' 10"				3223	2662
11' 06"				3146	2618
13' 01"					2530
14' 09"					2475
16' 01"					2420






LCMPK50_V101_0416_MAIN_A1_G_CW_1000_BAR

	 WINCH	 Stabilizing bar	 0 lb	 ±5°	
	9' 02"	12' 06"	15' 09"	19' 00"	22' 08"
0' 00"	10450	6292	4378		
1' 08"	8800	5984	4378	3608	
3' 03"		5610	4114	3234	2750
4' 11"		5148	3949	3080	2365
6' 07"			3520	2717	2222
8' 02"			3190	2530	2112
9' 10"				2332	1947
11' 06"				2200	1815
13' 01"					1760
14' 09"					1705
16' 01"					1650






LCMPK50_V102_0616_MAIN_A1_F_CW_0_BAR

MPK50 JIB1800-700.2M Short Wheels



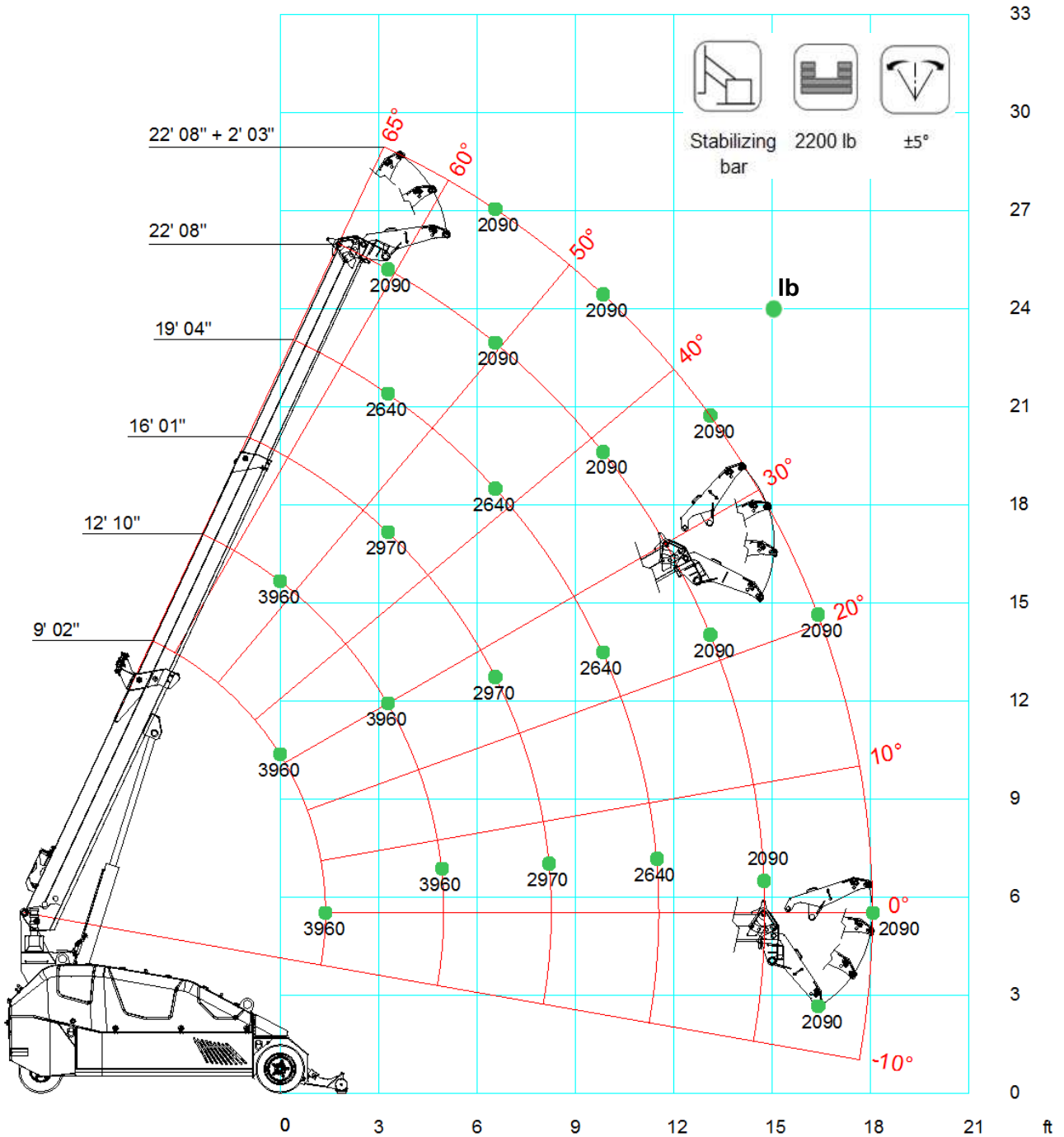
									
	SHORT	Wheels	2200 lb	±5°	9' 02"	12' 10"	16' 01"	19' 04"	22' 08"
0' 00"	3960	3960							
1' 08"	3960	3960	3080	2640					
3' 03"	3960	3960	3080	2640	2530				
4' 11"		3960	3080	2530	2420				
6' 07"		3960	2970	2420	2200				
8' 02"		3960	2860	2200	1870				
9' 10"			2750	2090	1760				
11' 06"			2706	2090	1760				
13' 01"				1980	1760				
14' 09"				1980	1760				
16' 05"					1540				
18' 01"					1430				






LCMPK50_V101_0416_JIB1800_A1_G_CW_1000_WHEEL

									
	SHORT	Wheels	0 lb	±5°	9' 02"	12' 10"	16' 01"	19' 04"	22' 08"
0' 00"	3960	3300							
1' 08"	3960	3300	2640	1980					
3' 03"	3960	3080	2640	1980	1540				
4' 11"		2860	2420	1760	1540				
6' 07"		2420	2090	1760	1320				
8' 02"		2090	1760	1540	1210				
9' 10"			1540	1320	1100				
11' 06"			1320	1210	990				
13' 01"				1100	924				
14' 09"				880	880				
16' 05"					836				
18' 01"					660				






LCMPK50_V101_0416_JIB1800_A1_G_CW_0_WHEEL

MPK50 JIB1800-700.2M Short Stabilizing bar








					
	SHORT	Stabilizing bar	2200 lb	±5°	
	9' 02"	12' 10"	16' 01"	19' 04"	22' 08"
0' 00"	3960	3960			
1' 08"	3960	3960	2970	2640	
3' 03"	3960	3960	2970	2640	2090
4' 11"		3960	2970	2640	2090
6' 07"		3960	2970	2640	2090
8' 02"		3960	2970	2640	2090
9' 10"			2970	2640	2090
11' 06"			2970	2640	2090
13' 01"				2640	2090
14' 09"				2640	2090
16' 05"					2090
18' 01"					2090






LCMPK50_V101_0416_JIB1800_A1_G_CW_1000_BAR

					
	SHORT	Stabilizing bar	0 lb	±5°	
	9' 02"	12' 10"	16' 01"	19' 04"	22' 08"
0' 00"	3960	3630			
1' 08"	3960	3630	2805	2310	
3' 03"	3960	3520	2805	2310	1815
4' 11"		3410	2695	2200	1815
6' 07"		3190	2530	2200	1705
8' 02"		3080	2365	2090	1650
9' 10"			2255	1980	1595
11' 06"			2090	1925	1540
13' 01"				1870	1507
14' 09"				1760	1430
16' 05"					1320
18' 01"					1210

LCMPK50_V101_0416_JIB1800_A1_G_CW_0_BAR

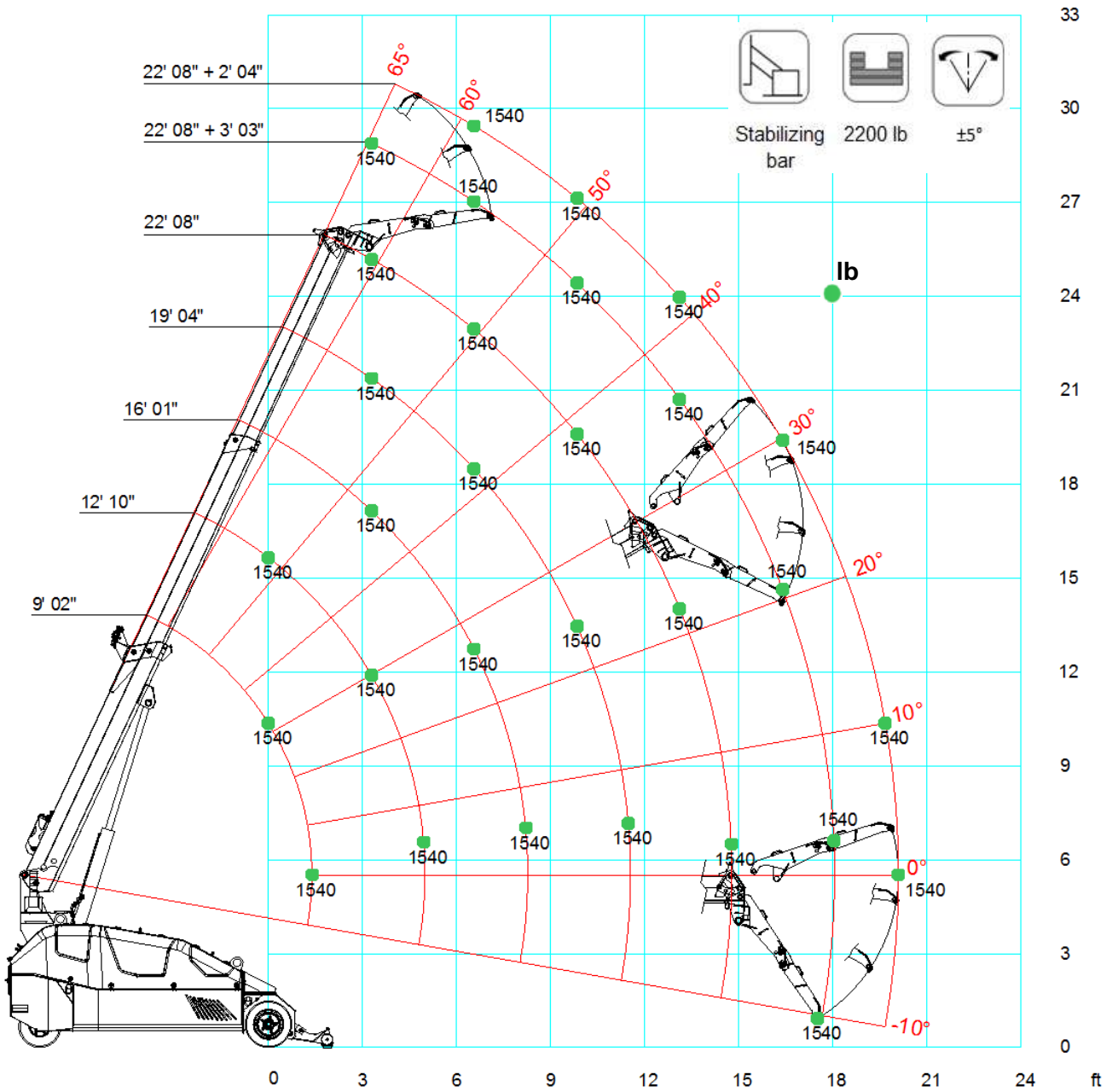
	   				
	LONG	Wheels	2200 lb	±5°	
	9' 02"	12' 10"	16' 01"	19' 04"	22' 08"
0' 00"	1540				
1' 08"	1540	1540			
3' 03"	1540	1540	1540		
4' 11"	1540	1540	1540	1364	1320
6' 07"	1540	1540	1540	1364	1320
8' 02"		1540	1540	1364	1320
9' 10"		1540	1540	1364	1320
11' 06"			1540	1364	1320
13' 01"			1430	1364	1320
14' 09"				1364	1320
16' 05"				1364	1320
18' 01"					1320
20' 00"					1320






LCMPK50_V101_0416_JIB700_A1_G_CW_1000_WHEEL

	   				
	LONG	Wheels	0 lb	±5°	
	9' 02"	12' 10"	16' 01"	19' 04"	22' 08"
0' 00"	1540				
1' 08"	1540	1540			
3' 03"	1540	1540	1540		
4' 11"		1540	1540	1320	1100
6' 07"		1540	1540	1320	1100
8' 02"		1540	1540	1100	990
9' 10"		1540	1540	1100	990
11' 06"			1320	1100	990
13' 01"			1100	1100	880
14' 09"				880	880
16' 05"				770	770
18' 01"					660
20' 00"					440






LCMPK50_V101_0416_JIB700_A1_G_CW_0_WHEEL

MPK50 JIB1800-700.2M Long Stabilizing bar



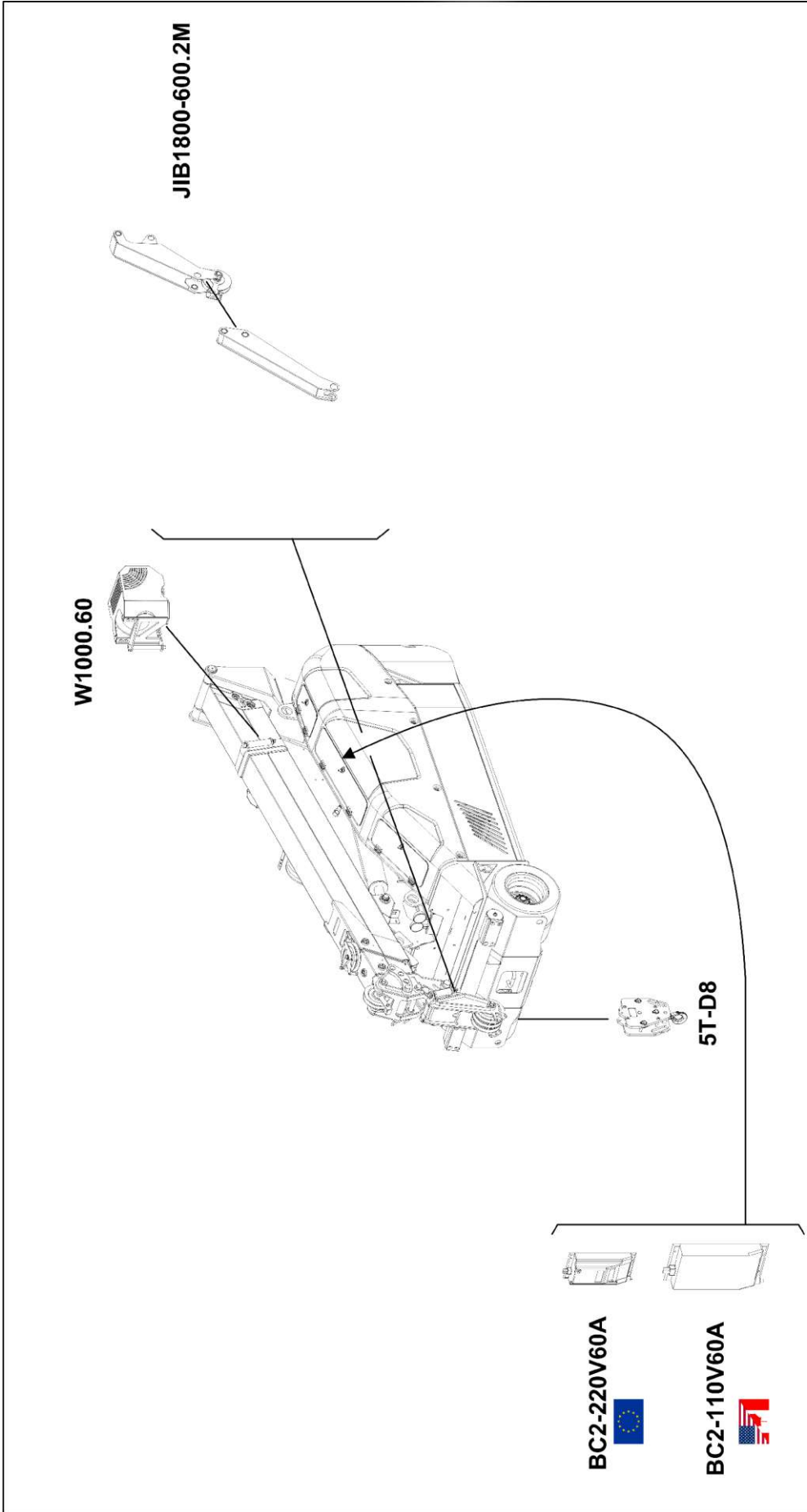
	 LONG	 Stabilizing bar	 2200 lb	 $\pm 5^\circ$	
	9' 02"	12' 10"	16' 01"	19' 04"	22' 08"
0' 00"	1540				
1' 08"	1540	1540			
3' 03"	1540	1540	1540		
4' 11"	1540	1540	1540	1540	1540
6' 07"	1540	1540	1540	1540	1540
8' 02"		1540	1540	1540	1540
9' 10"		1540	1540	1540	1540
11' 06"			1540	1540	1540
13' 01"			1540	1540	1540
14' 09"				1540	1540
16' 05"				1540	1540
18' 01"					1540
20' 00"					1540

LCMPK50_V101_0416_JIB700_A1_G_CW_1000_BAR

	 LONG	 Stabilizing bar	 0 lb	 $\pm 5^\circ$	
	9' 02"	12' 10"	16' 01"	19' 04"	22' 08"
0' 00"	1540				
1' 08"	1540	1540			
3' 03"	1540	1540	1540		
4' 11"		1540	1540	1320	1100
6' 07"		1540	1540	1320	1100
8' 02"		1540	1540	1320	1100
9' 10"		1540	1540	1210	1100
11' 06"			1540	1210	1100
13' 01"			1430	1210	1100
14' 09"				1210	1100
16' 05"				1100	1100
18' 01"					1100
20' 00"					990

LCMPK50_V101_0416_JIB700_A1_G_CW_0_BAR

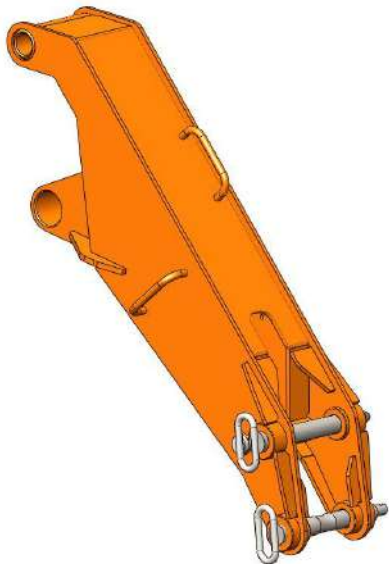
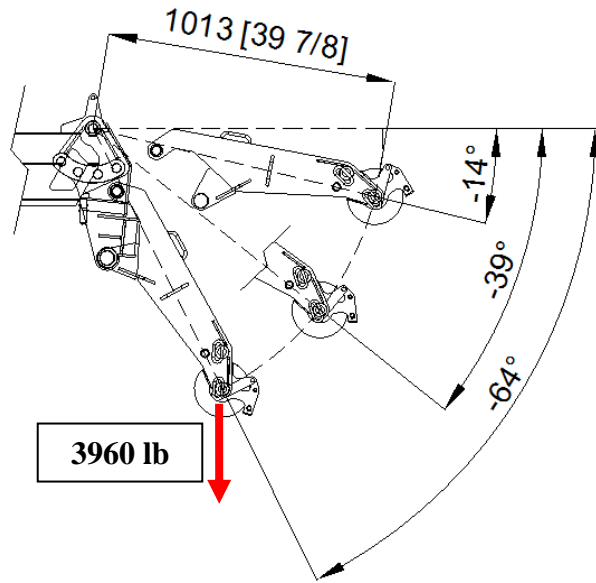
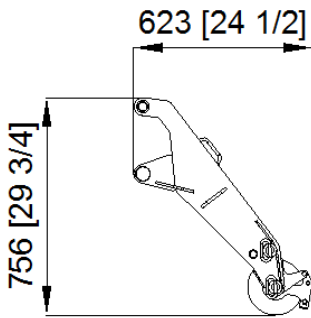
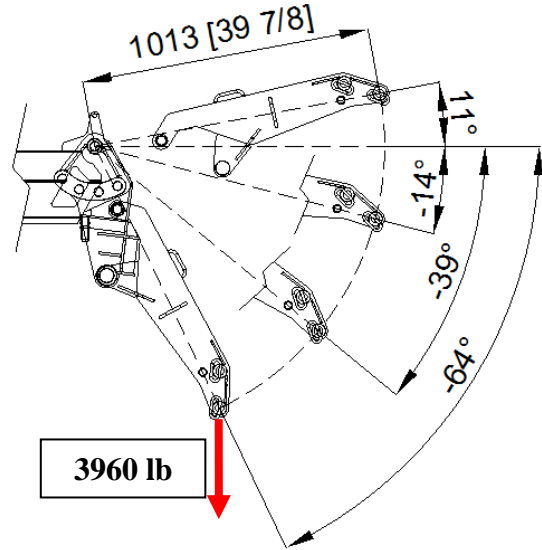
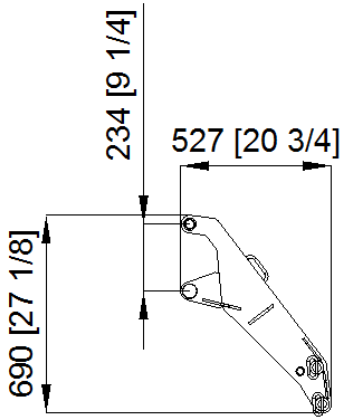
ACCESSORIES




	STD	PC-01	PC-11
Boom, Covers & Outriggers	<input type="checkbox"/> RAL2004	<input type="checkbox"/> RAL_____	<input type="checkbox"/> RAL_____
Chassis, Frames & Tanks	<input type="checkbox"/> RAL7001	<input type="checkbox"/> RAL7001	<input type="checkbox"/> RAL_____

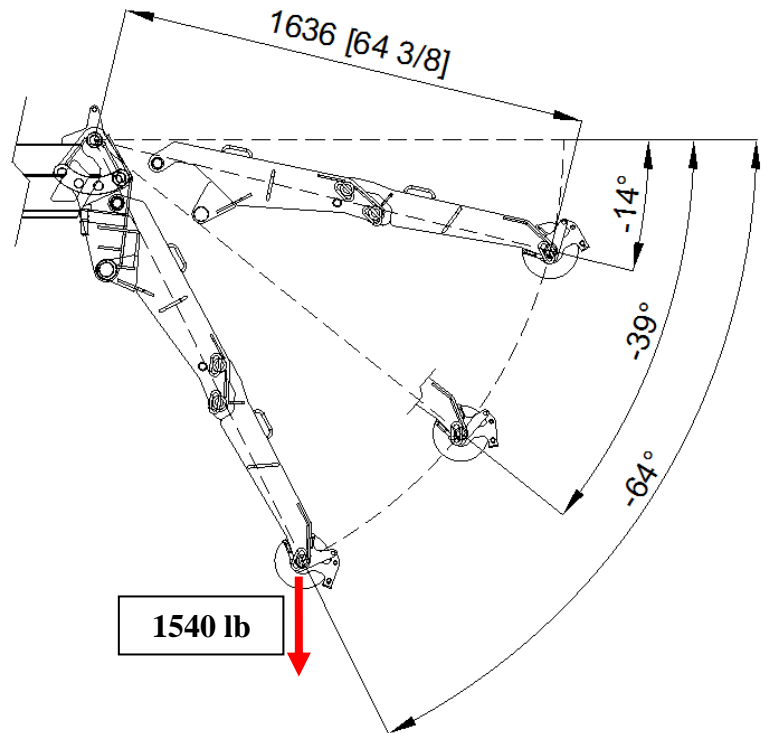
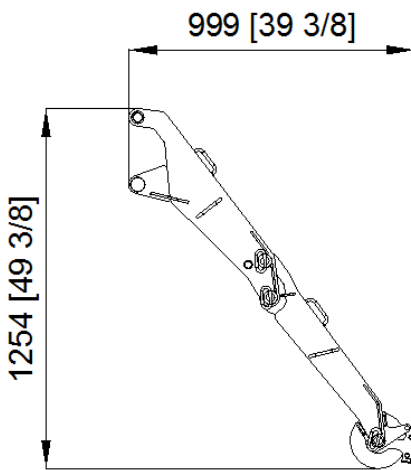
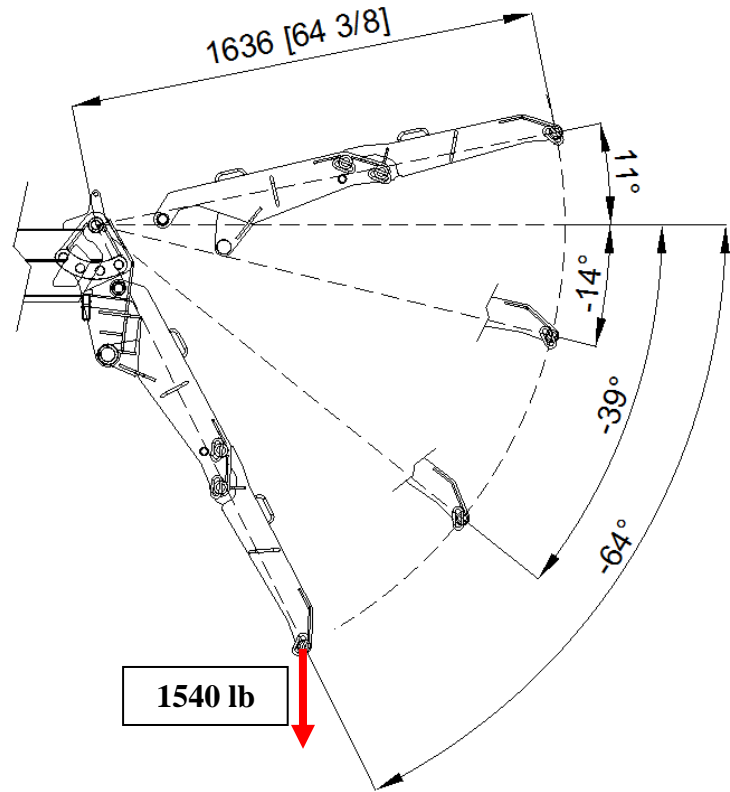
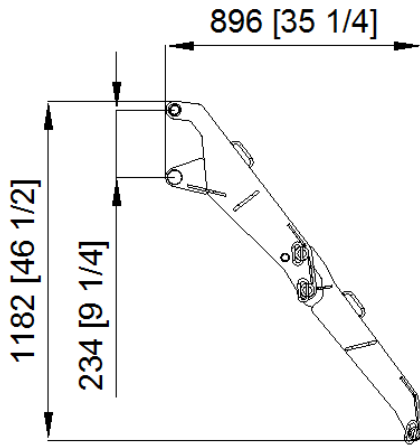
ACCESSORIES FEATURES

JIB1800-700.2M Short configuration






	lb
	66

JIB1800-700.2M
Long configuration



	lb
	66+44

	Weight		Chart Wheels		Engine		Jib length and angle
	Counterweight		Minipicker		Diesel Fuel		Jib Length
	Crane		Back Wheel Point Loading		Gasoline Fuel		Jib Radius
	Travel Speed		Front wheel Point Loading		Tank		Hydraulic Jib Length
	Gradeability		Travel Speed		Battery		Hydraulic Jib Radius
	Outrigger Load		Gradeability		Power		Mechanical Jib Length
	Track Loading		Working Radius		Boom Angle		Mechanical Jib Radius
	Outriggers Setup		Hookblock		Boom Length		Manipulator Length
	Ext Tracks Width		Slewing		Boom Radius		Manipulator Radius
	Chart On Tracks		Slewing Locked		Jib Hook Radius		Maximum inclination of the machinery
	Jib on board		Without jib on board		Stabilizing bar		Horizontal boom angle
	Number of vacuum pads		Factory max. load		Building site max. load		

Remarks referring to load chart

- For the calculation of the load charts at least a wind speed of 30 ft/s (20 mph) and regarding the load a sail area of 1m² (1,2 yd²) per metric ton (2205 lb) load and a wind resistance coefficient of 1.2 on the load have been taken into account. For lifting of loads with large sail areas and/or high wind resistance coefficients the maximum wind speed as stated in the load charts has to be reduced.
- Lifting capacities are given in pounds.
- The weight of the hook blocks and hooks is part of the load and therefore it must be deducted from the lifting capacities.
- Working radii are measured from the slewing centre.
- The lifting capacities given for the telescopic boom apply if the folding jib is removed.
- Subject to modification of lifting capacities.

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A large, empty rectangular box with a thin black border, occupying the central portion of the page, intended for taking notes.

A large, empty rectangular box with a thin black border, intended for taking notes.

A large, empty rectangular box with a thin black border, intended for taking notes.



DEALER



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