



Technical Data

Specification & Capacities



SPX527CDH-2

S.N: _____



18,7kW/25,0Hp



11' 02" - 39' 08"



5940 lb



B30.5

[ft] [lb]



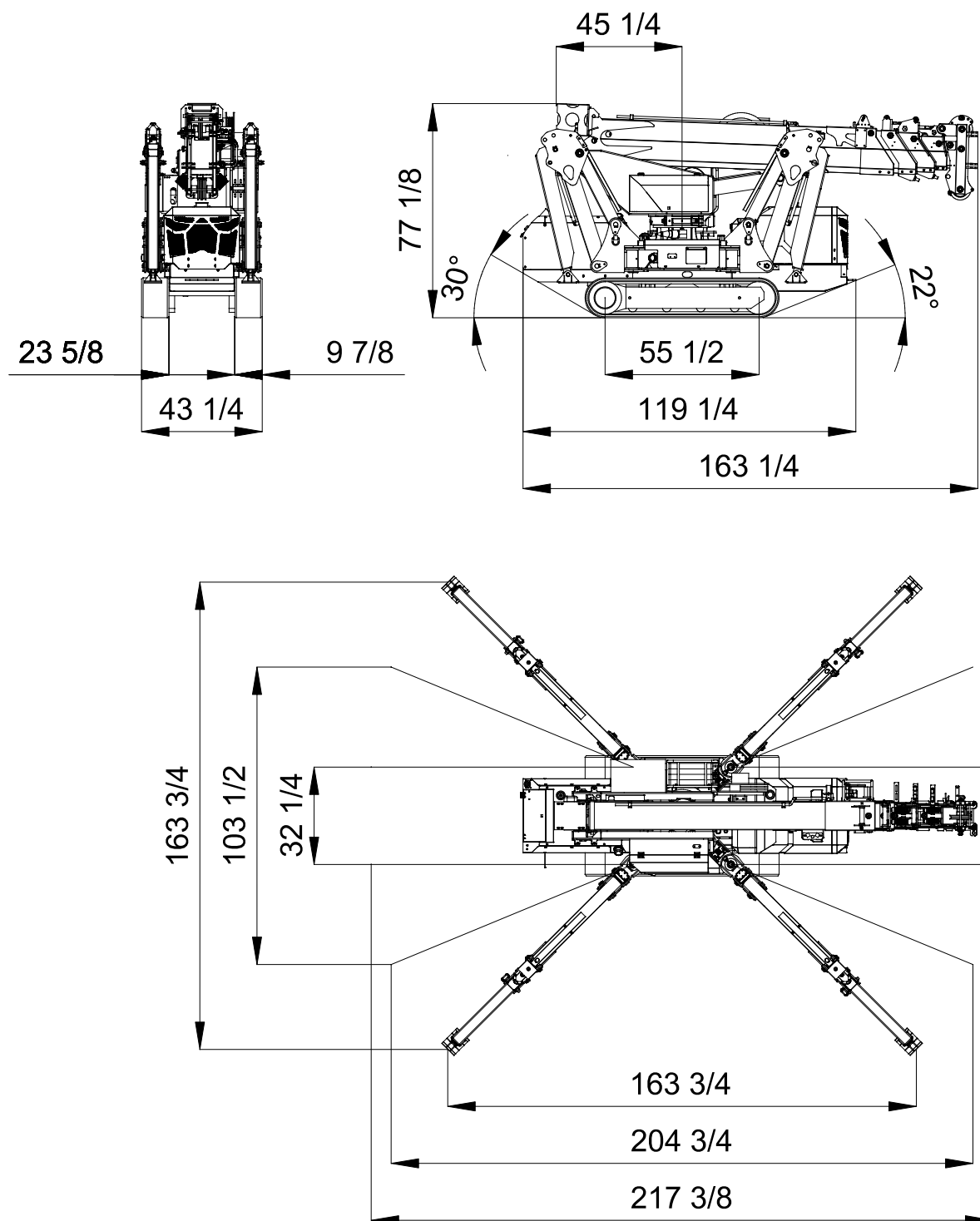
SPX527CDH-2



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Date	Feb. 22 nd 2018
REV.	1

SPX527CDH-2 - OVERALL DIMENSIONS



WEIGHTS		Name / version	lb ¹
		CDH-2	7920
		CDH-2	0
		W900.125	128
		SINGLE FALL	54
		MULTIPLE FALL	92
		POWERPACK	88
		800G	57
		600.2H (w ME-01)	462 (473)
		600.1M ⁴	216
		MR800 (w QC)	649 (748)
		301GR (w QC)	440 (539)
		HA-SPX527	99
		OM400	37
		WUK-03	4.4

- ¹: Dry weight
²: Engine working limit
³: Static lifting
⁴: Discontinued

ENGINE		KUBOTA D1105-E3B	
		18.5kW 25HP	
		DIESEL	
		gal	5.3
HYDRAULIC		ISO 6743-4:HFDD with VG46 viscosity class	
		Working temp	<158°F
		gal	14.5
MOVEMENTS		mph	1.24
		25° (47%) ²	
		lb/in ²	7.54
		lb	5940 ³
		-2°/80°	
		s	35
		360°	
		rpm	1.0
		m	11' 02" - 39' 08"
		s	40

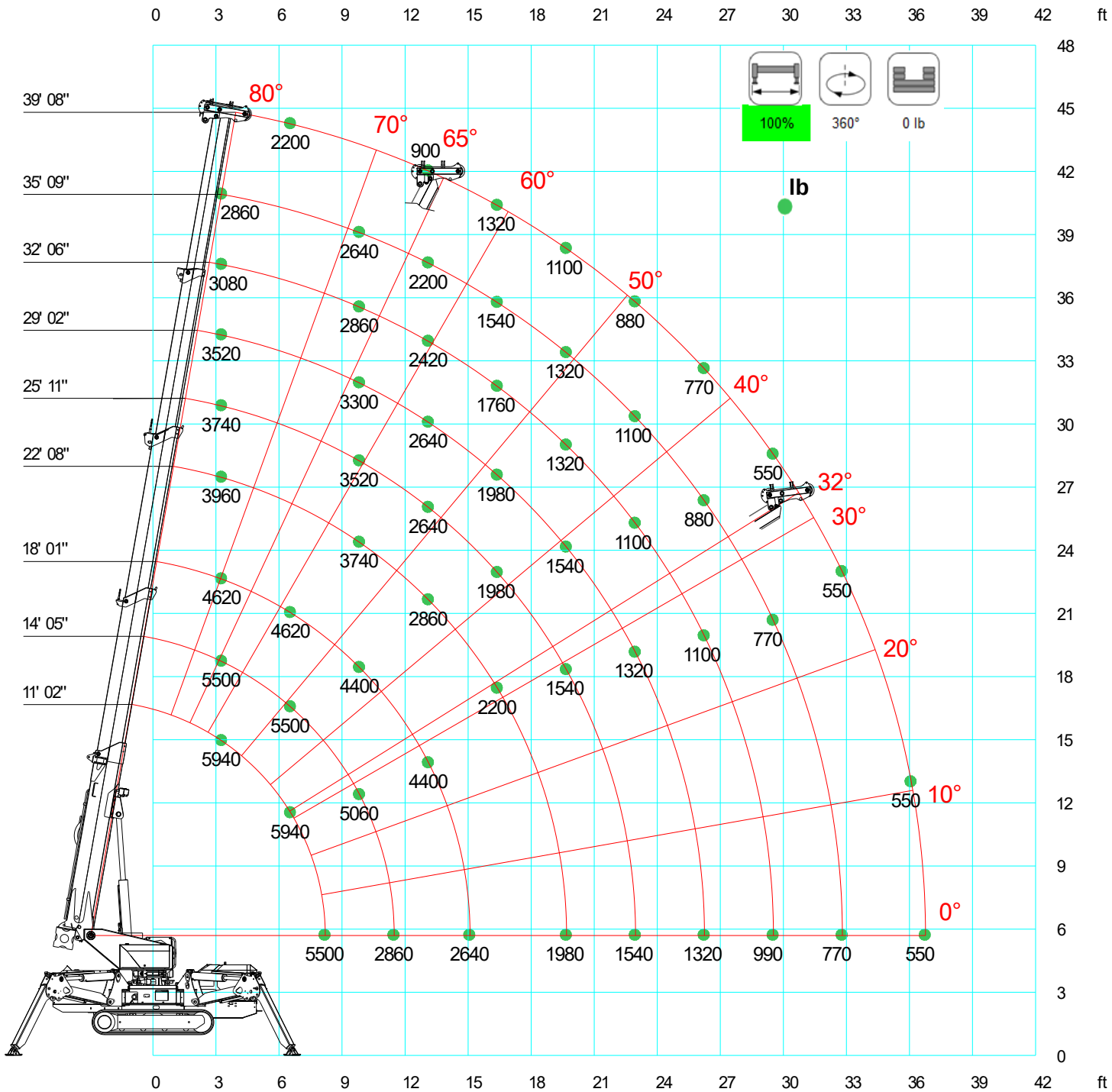
HOIST PERFORMANCE	Winch	Layer	Max line pull	Standard rope speed	Highest rope speed
			lb	ft/min	ft/min
		1	3016 ¹	112.9	N/A
		2	2765 ¹	123.0	N/A
		3	2554 ¹	133.2	N/A
	Rope	Wire rope	Ø	Total lenght	Max load
			in	ft	lb
		19x7 right lang lay Non rotating	5/16	197	11957
	Hook block	Load	N° of		Block type
		lb	Sheaves	Lines	
		5940	2	3	Multiple fall block
		3960	1	2	
		1980	-	1	Single fall block

¹:LMI limited at 1980 lb



SPX527CDH-2

SPX527CDH-2 – MAIN BOOM



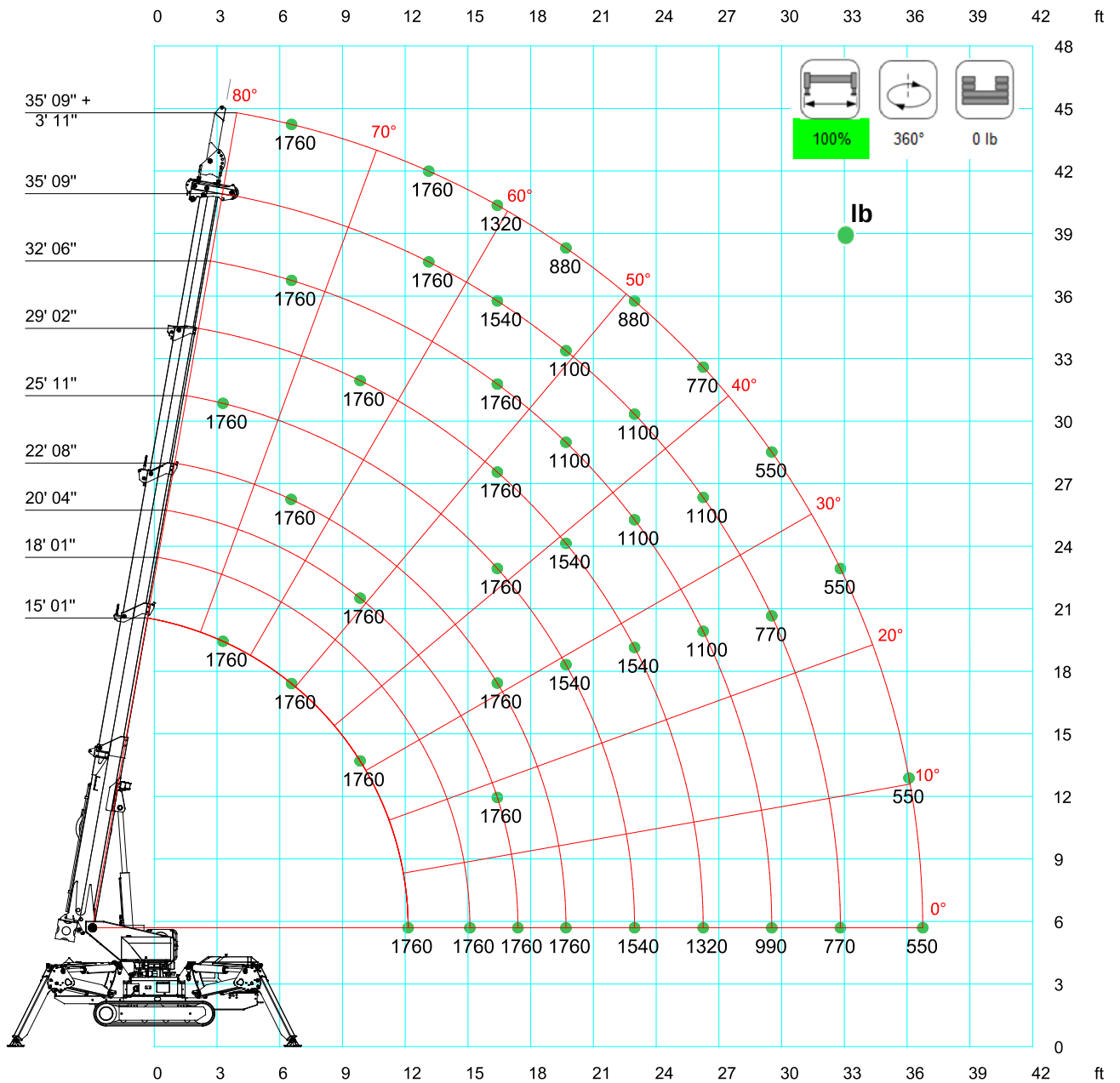
[ft] [lb]										
	MAIN BOOM	100%	360°	0 lb						
	11' 02"	14' 05"	18' 01"	20' 04"	22' 08"	25' 11"	29' 02"	32' 06"	35' 09"	39' 08"
3' 03"	5940	5500	4620	4180	3960	3740	3520	3080	2860	2200
6' 07"	5940	5500	4620	4180	3740	3520	3520	3080	2860	2200
8' 02"	5500	5060	4400	3960	3740	3520	3300	3080	2860	2200
9' 10"	5500	5060	4400	3960	3740	3520	3300	2860	2640	2200
13' 01"		2860	2860	2860	2860	2640	2640	2420	2200	1980
15' 01"			2640	2420	2420	2420	2420	2200	1980	1540
16' 05"				2200	2200	1980	1980	1760	1540	1320
19' 08"				1980	1980	1540	1540	1320	1320	1100
23' 00"						1540	1320	1100	1100	880
26' 03"							1320	1100	880	770
29' 06"								990	770	550
32' 10"									770	550
36' 09"										550

LC527_V302_1016_MAIN_BOOM_STAB_100

[ft] [lb]		>0mph icon" data-bbox="458 562 508 596"/>		
	MAIN BOOM	>0mph	360°	0 lb
	11' 02"	14' 05"	18' 01"	
3' 03"	660	550	440	
6' 07"	1100	660	440	
8' 02"	880	550	440	
9' 10"		440	440	

LC527_V302_1016_MAIN_BOOM_CINGOLI

SPX527CDH-2 + JIB800G



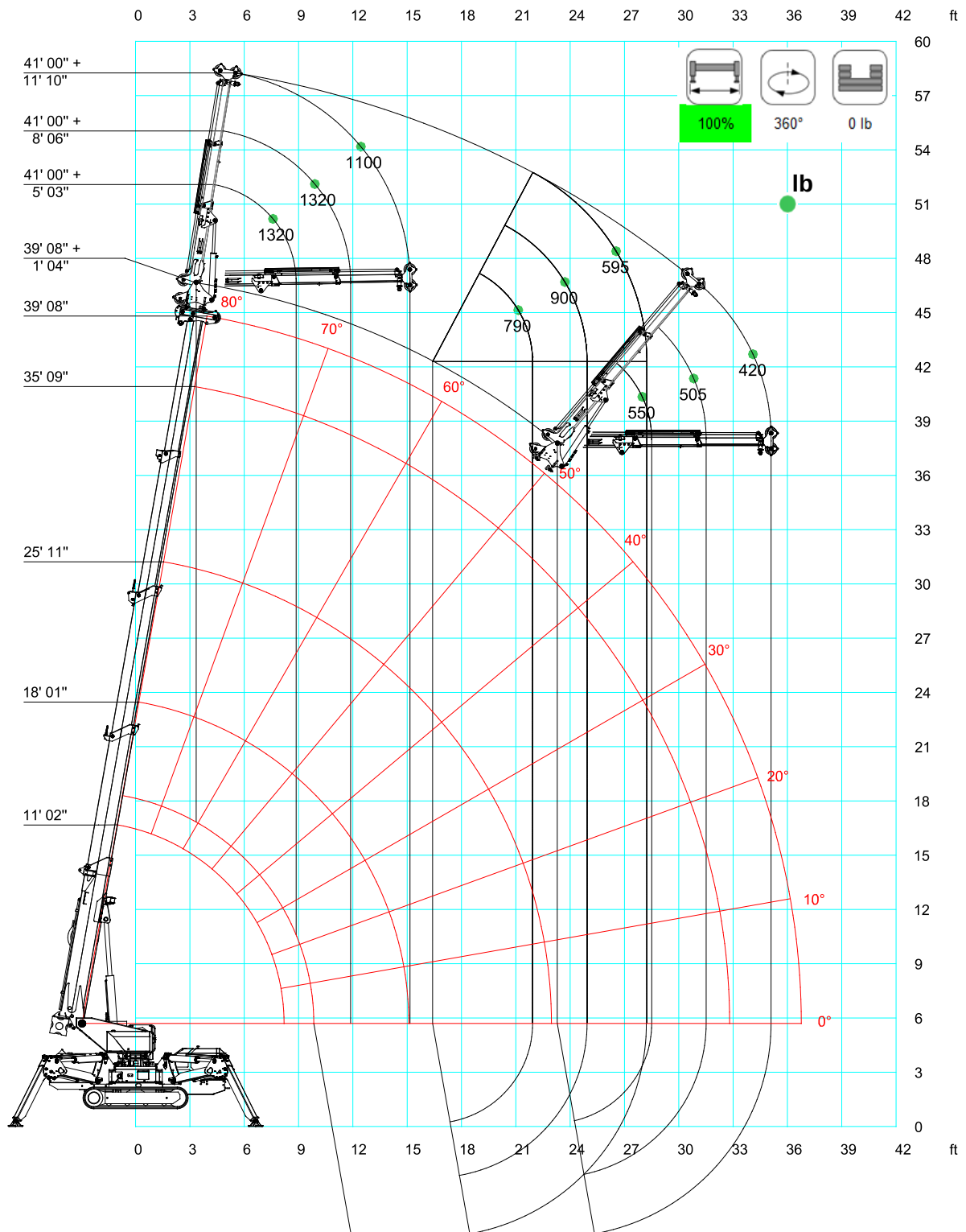
[ft] [lb]									
	JIB800G	100%	360°	0 lb					
	15' 01"	18' 01"	20' 04"	22' 08"	25' 11"	29' 02"	32' 06"	35' 09"	39' 08"
3' 03"	1760	1760	1760	1760	1760	1760	1760	1760	
6' 07"	1760	1760	1760	1760	1760	1760	1760	1760	1760
8' 02"	1760	1760	1760	1760	1760	1760	1760	1760	1760
9' 10"	1760	1760	1760	1760	1760	1760	1760	1760	1760
13' 01"		1760	1760	1760	1760	1760	1760	1760	1760
15' 01"		1760	1760	1760	1760	1760	1760	1760	1540
16' 05"			1760	1760	1760	1760	1760	1540	1320
19' 08"				1760	1540	1540	1320	1320	1100
23' 00"					1540	1540	1100	1100	880
26' 03"						1320	1100	1100	770
29' 06"							990	770	550
32' 10"								770	550
36' 09"									550

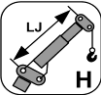
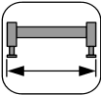
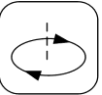
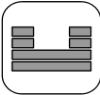
LC527_V302_1016_JIB800G_STAB_100

[ft] [lb]		>0mph icon" data-bbox="471 617 531 657"/>		
	JIB800G	>0mph	0°-180°	0 lb
	15' 01"	16' 05"		
3' 03"	440	220		
12' 10"	440	220		

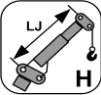
LC527_V302_1016_JIB800G_CINGOLI

SPX527CDH-2 + JIB600.2H



[ft] [lb]	 JIB600. 2H	 100%	 360°	 0 lb	
	5' 03"	6' 11"	8' 06"	10' 02"	11' 10"
3' 03"	1320	1320	1320	1144	1100
6' 07"	1320	1320	1320	1144	1100
9' 10"	1320	1320	1320	1144	990
13' 01"	1320	1210	1034	924	836
16' 05"	792	726	682	638	594
19' 08"	550	528	506	462	418
23' 04"	550	528	506	462	418

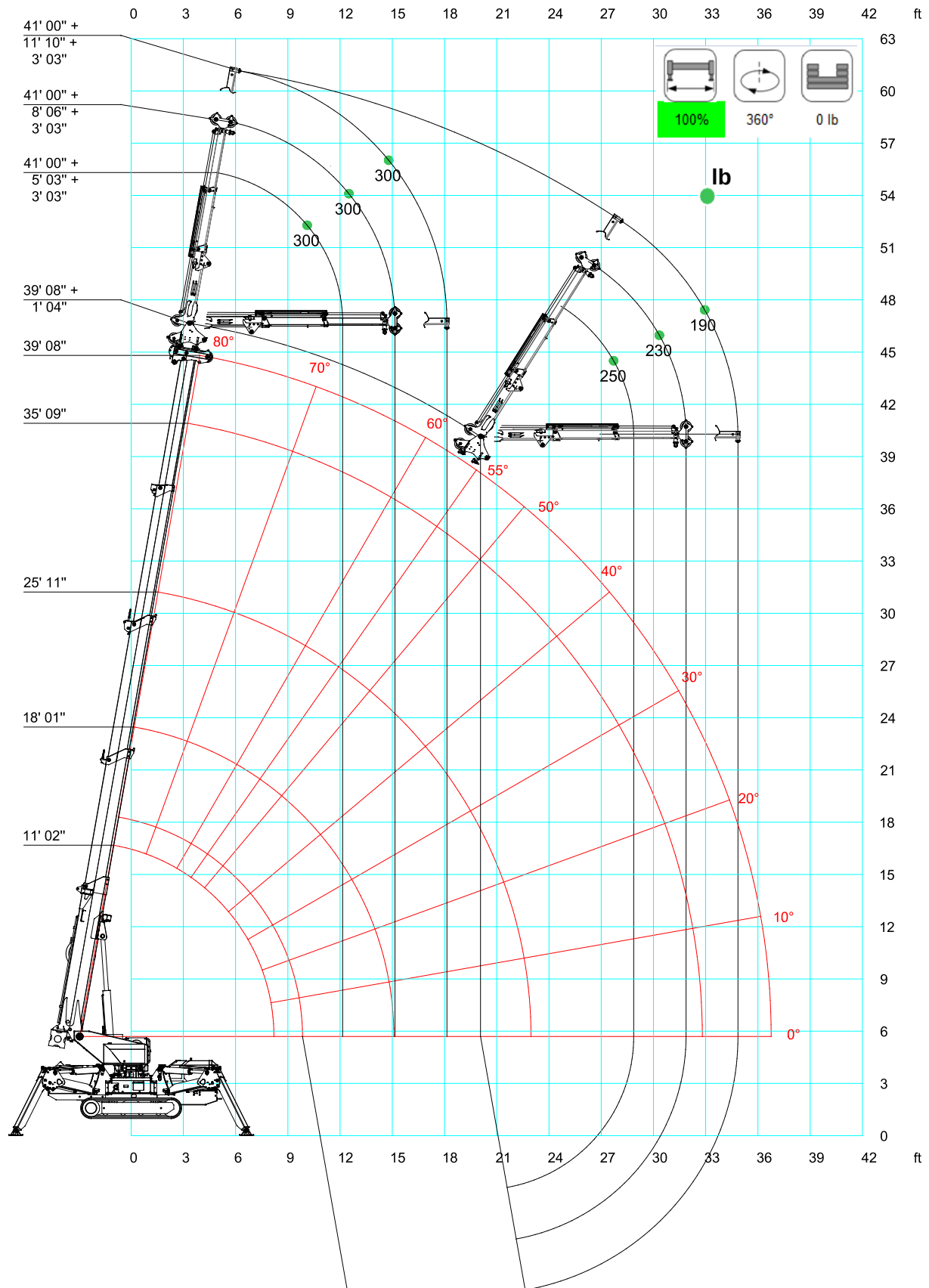
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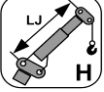
[ft] [lb]	 JIB600. 2H	>0mph diagram" data-bbox="469 503 532 545"/> >0mph	 0°-180°	 0 lb
	5' 03"	5' 11"		
6' 07"	440	220		
10' 06"	440	220		

LC527_V302_1016_JIB600H_CINGOLI

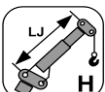
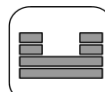
The first column refers to the distance of the jib centre of rotation from 0 on x axis.

SPX527CDH-2 + JIB600.2H+Stinger



[ft] [lb]	 JIB600.2H + STINGER	 100%	 360°	 0 lb
	8' 06"	10' 02"	11' 10"	13' 05" 15' 01"
3' 03"	660	660	660	660
6' 07"	660	660	660	660
9' 10"	660	660	660	660
13' 01"	660	660	660	660
16' 05"	660	660	660	638 594
20' 00"	550	528	506	462 418

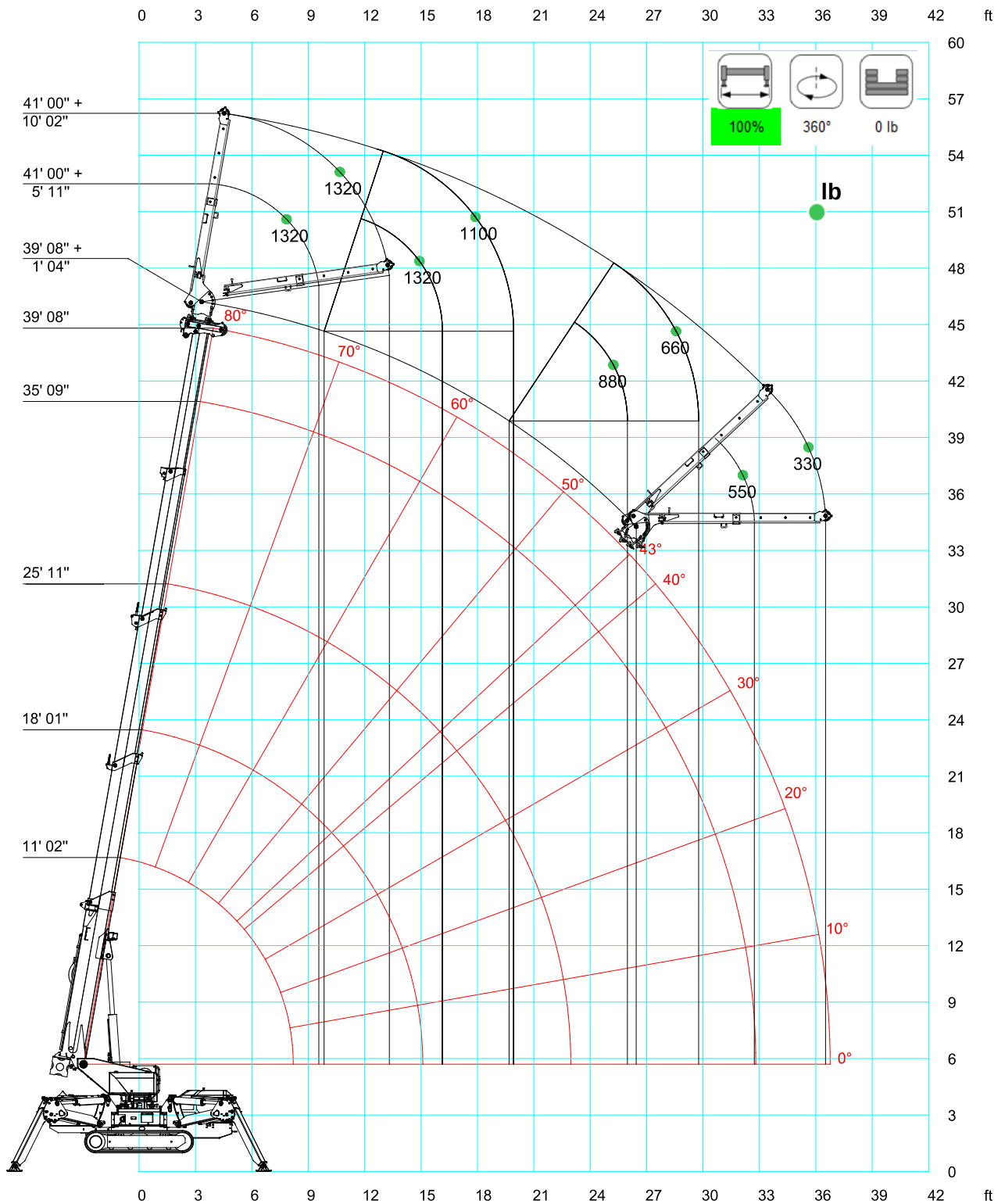
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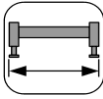
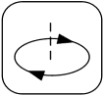
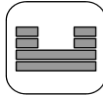
[ft] [lb]	 JIB600.2H + STINGER	>0mph diagram" data-bbox="470 485 535 525"/> >0mph	 0°-180°	 0 lb
	8' 06"	9' 02"		
6' 07"	440	220		
10' 06"	440	220		

LC527_V302_1016_JIB_STINGER_CINGOLO

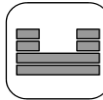
The first column refers to the distance of the jib centre of rotation from 0 on x axis.

SPX527CDH-2 + JIB600.1M



[ft] \ [lb]	 JIB600.1MX	 100%	 360°	 0 lb
	5' 11"	10' 02"		
3' 03"	1320	1320		
6' 07"	1320	1210		
9' 10"	1320	1100		
13' 01"	1210	990		
16' 05"	990	770		
19' 08"	880	660		
23' 00"	715	495		
26' 07"	550	330		

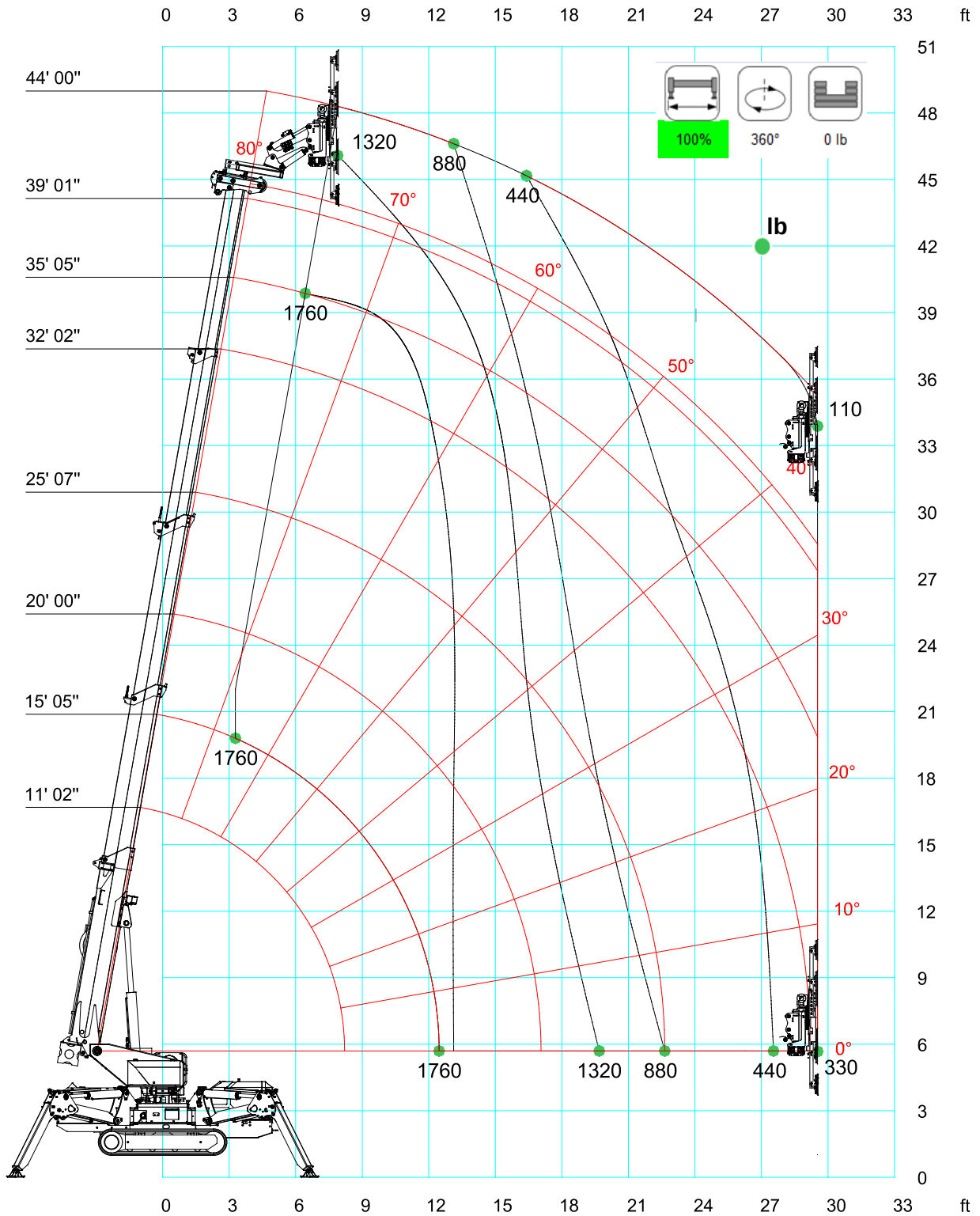
LC527_V400_0516_JIB600_1M_STAB_100

[ft] \ [lb]	 JIB600.1MX	>0mph icon" data-bbox="468 531 532 575"/> >0mph	 0°-180°	 0 lb
	5' 11"	10' 02"		
6' 07"	440	220		
9' 10"	440	220		
10' 06"	440	220		

LC527_V400_0516_JIB600_1M_CINGOLI

The first column refers to the distance of the jib centre of rotation from 0 on x axis.

SPX527CDH-2 + MR800.4-6+4P



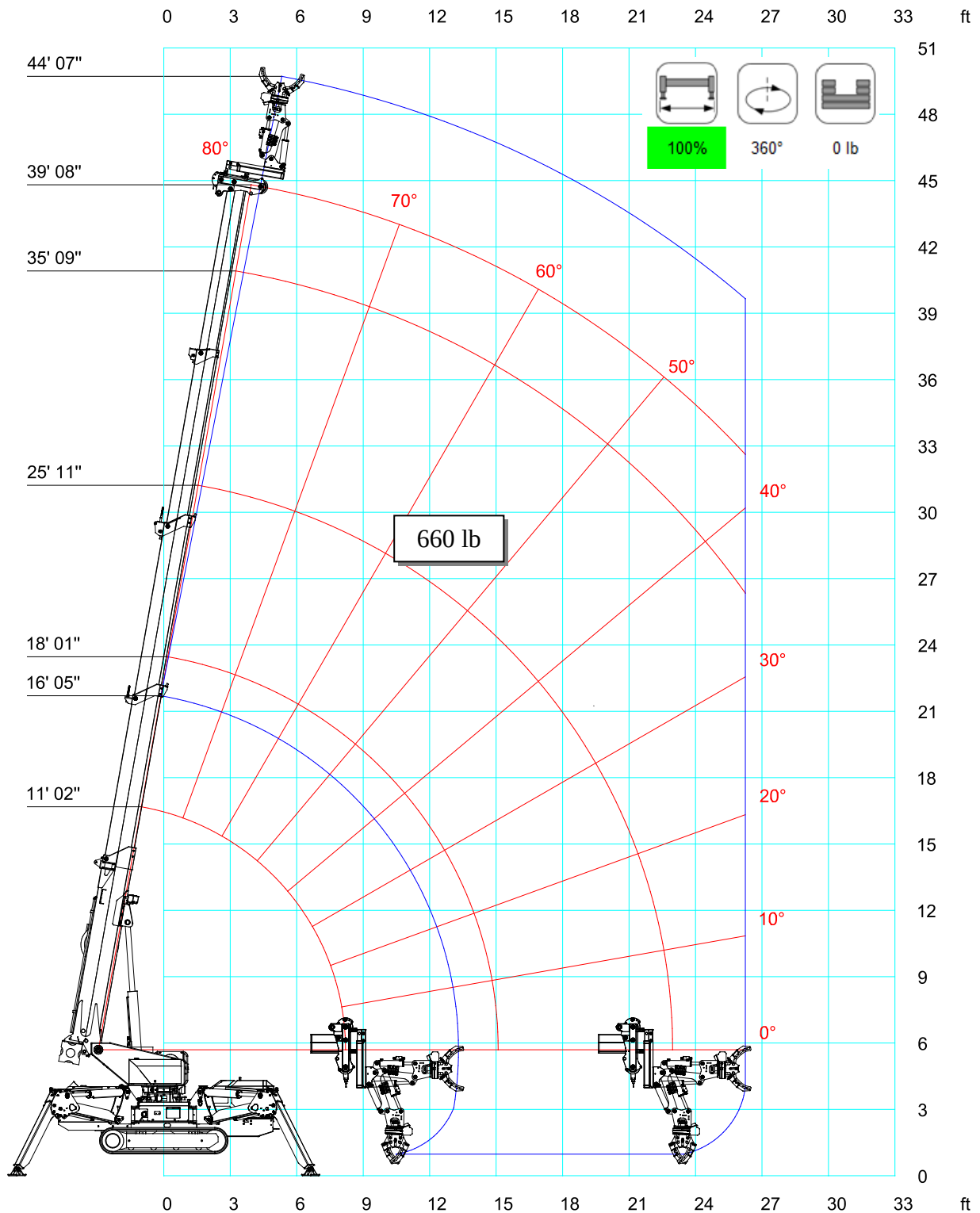
[ft] [lb]	 MR800.4-6+4P	 100%	 360°	 0 lb					
	15' 05"	17' 09"	20' 00"	22' 04"	25' 07"	28' 10"	32' 02"	35' 05"	39' 01"
3' 03"	1760	1760							
6' 07"	1760	1760	1760	1760	1760	1760	1760	1760	1540
8' 02"	1760	1760	1760	1760	1760	1760	1760	1760	1540
9' 10"	1760	1760	1760	1760	1760	1760	1760	1760	1540
13' 01"		1760	1760	1760	1760	1760	1760	1540	1320
15' 01"			1760	1760	1760	1760	1540	1320	880
16' 05"			1540	1540	1320	1320	1100	880	660
19' 08"			1320	1320	880	880	660	660	440
23' 00"					880	660	440	440	220
26' 03"						660	440	220	110
29' 06"							330	110	110

LC527_V302_1016_MR800_STAB_100

[ft] [lb]	 MR800.4-6+4P	>0mph icon" data-bbox="485 561 542 598"/> >0mph	 0°-180°	 0 lb
	15' 05"	17' 05"		
3' 03"	440	220		
6' 07"	440	220		
8' 06"	440	220		
9' 10"	440	220		
13' 01"	440	220		
16' 05"	440	220		

LC527_V302_1016_MR800_CINGOLI

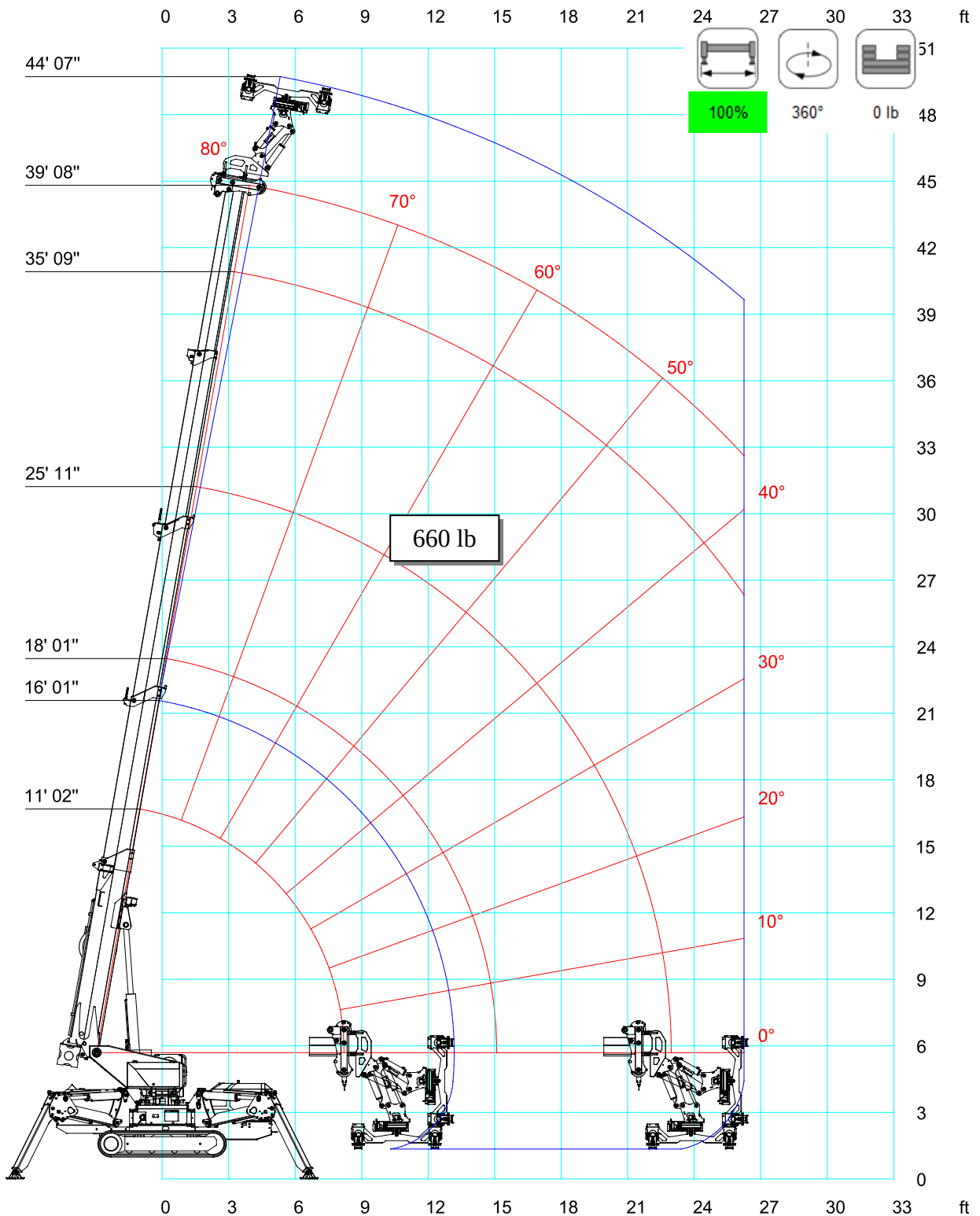
SPX527CDH-2 + JIB301GR



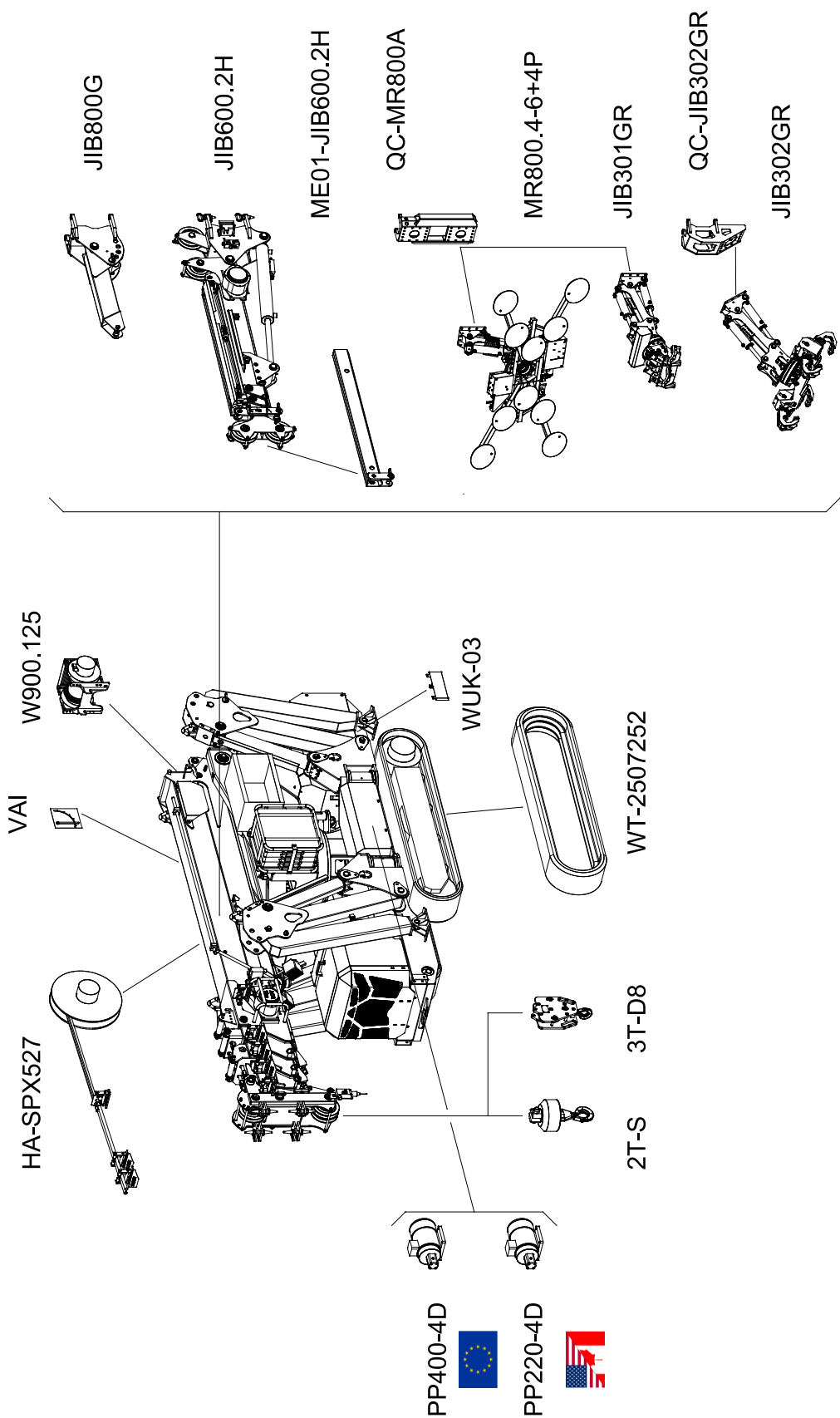


SPX527CDH-2

SPX527CDH-2 + JIB302GR



ACCESSORIES



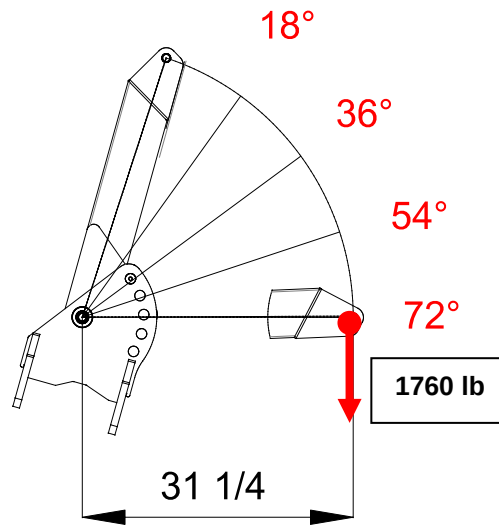
	STD	PC-01	PC-11
Boom, covers and outriggers	RAL2004	RAL____	RAL____
Chassis, frames and tanks	RAL7021	RAL7021	RAL____



ACCESSORIES FEATURES

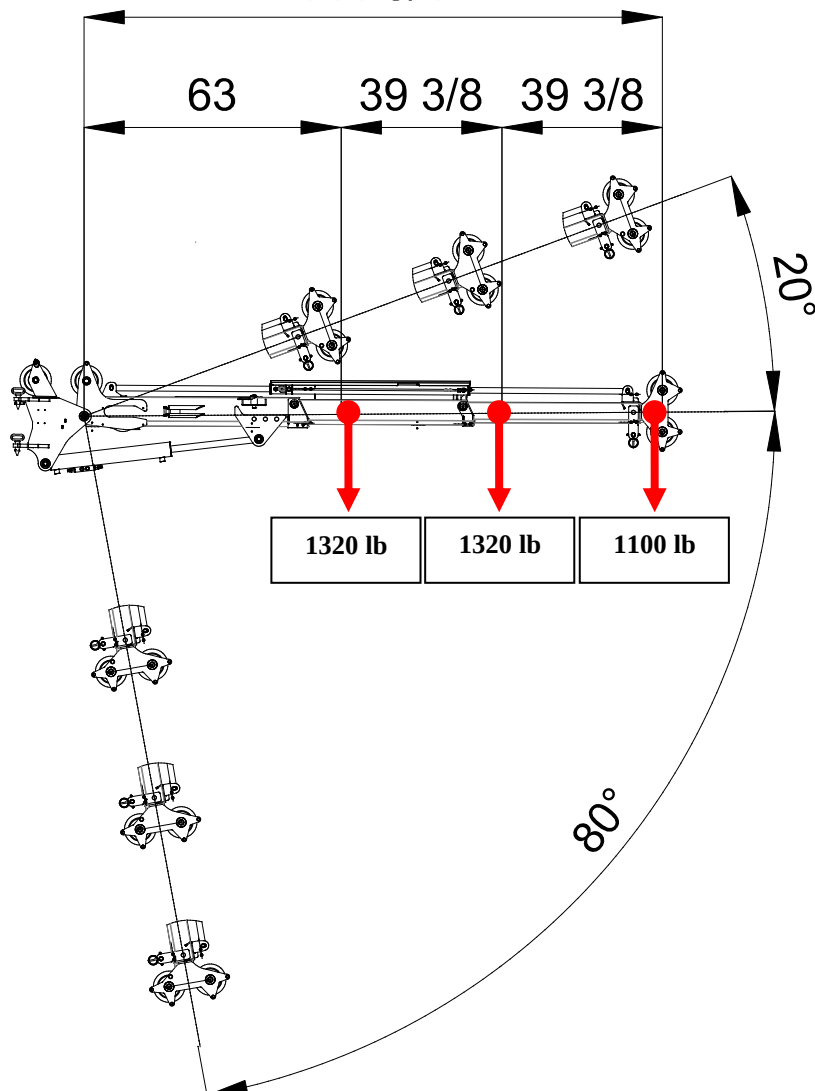
JIB 800G

0°

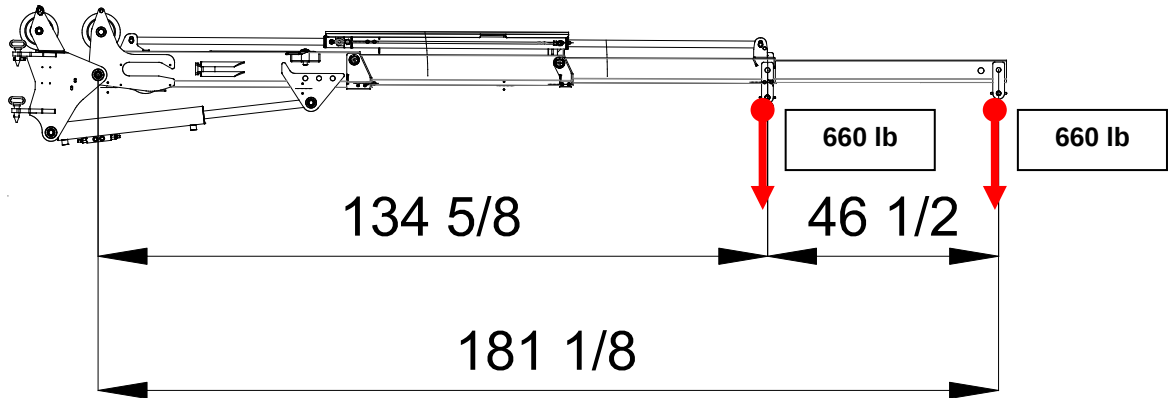


JIB 600.2H

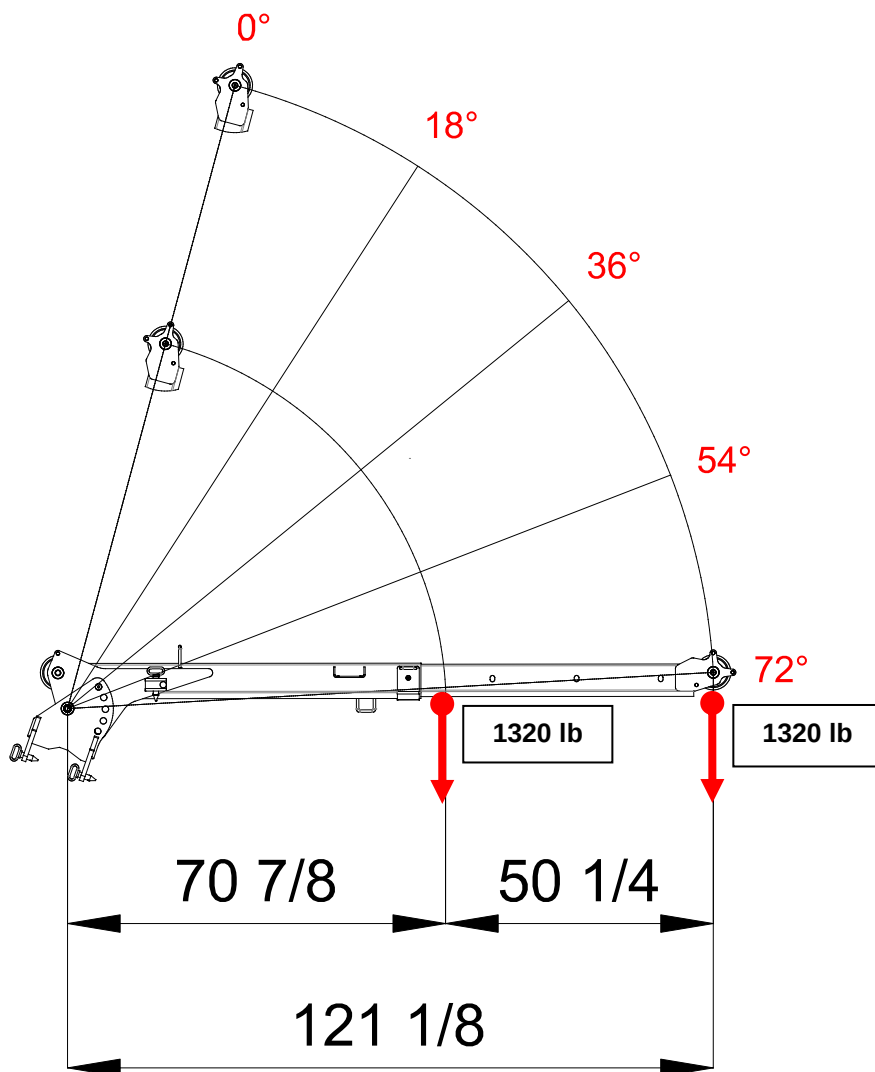
141 3/4



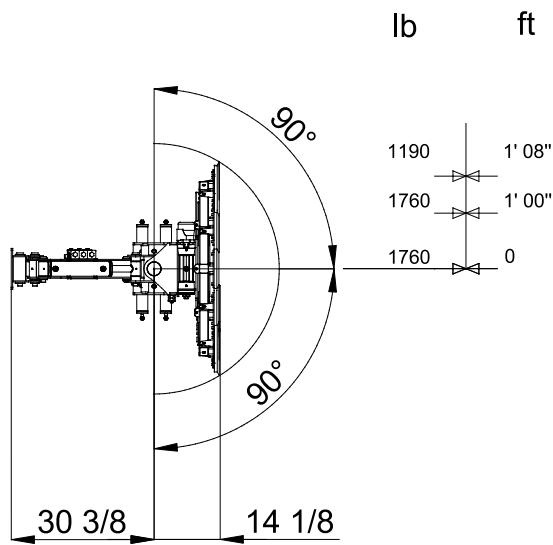
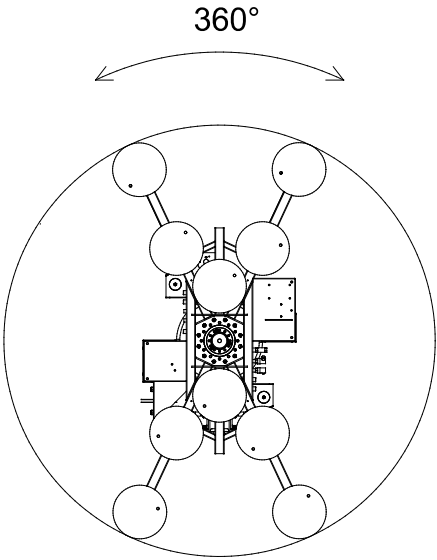
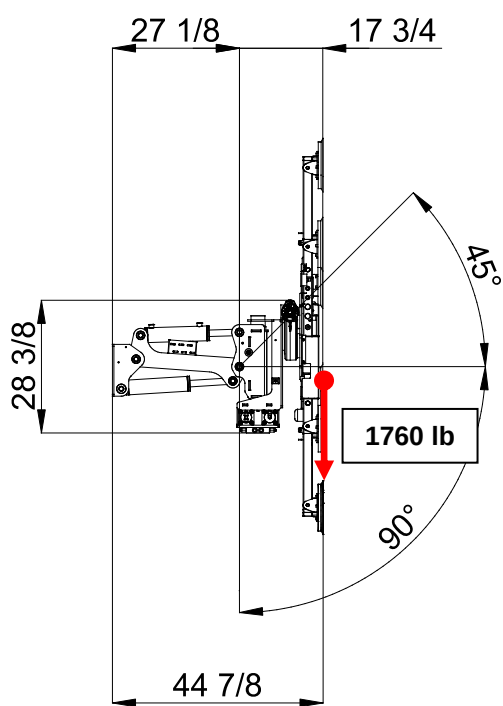
JIB 600.2H + STINGER



JIB 600.1M

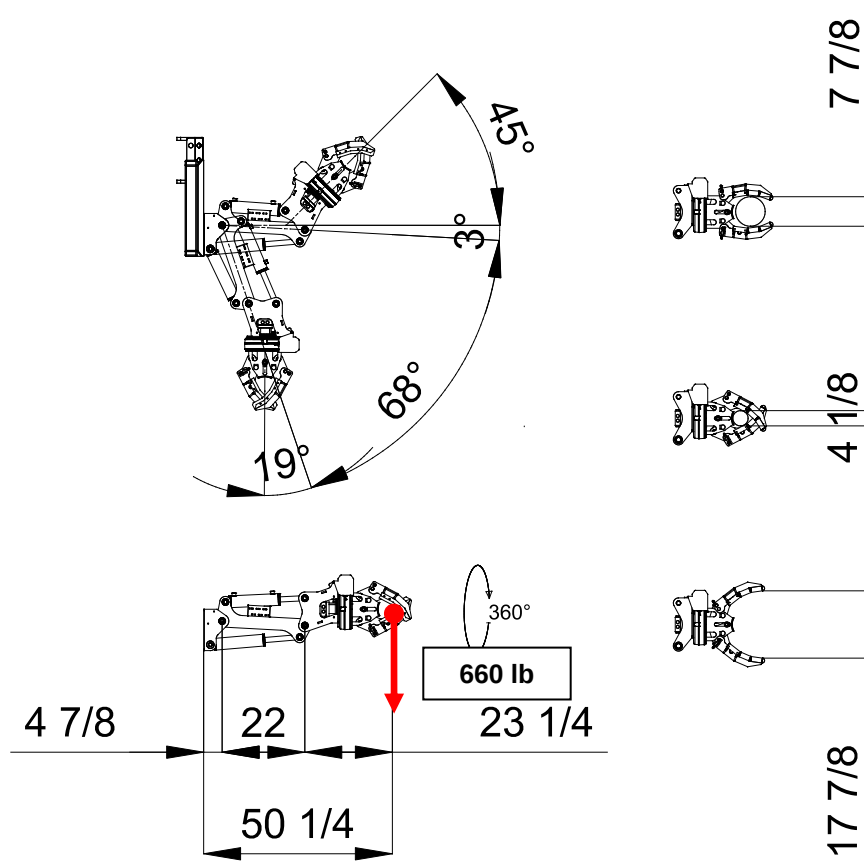


MR800.4-6+4P

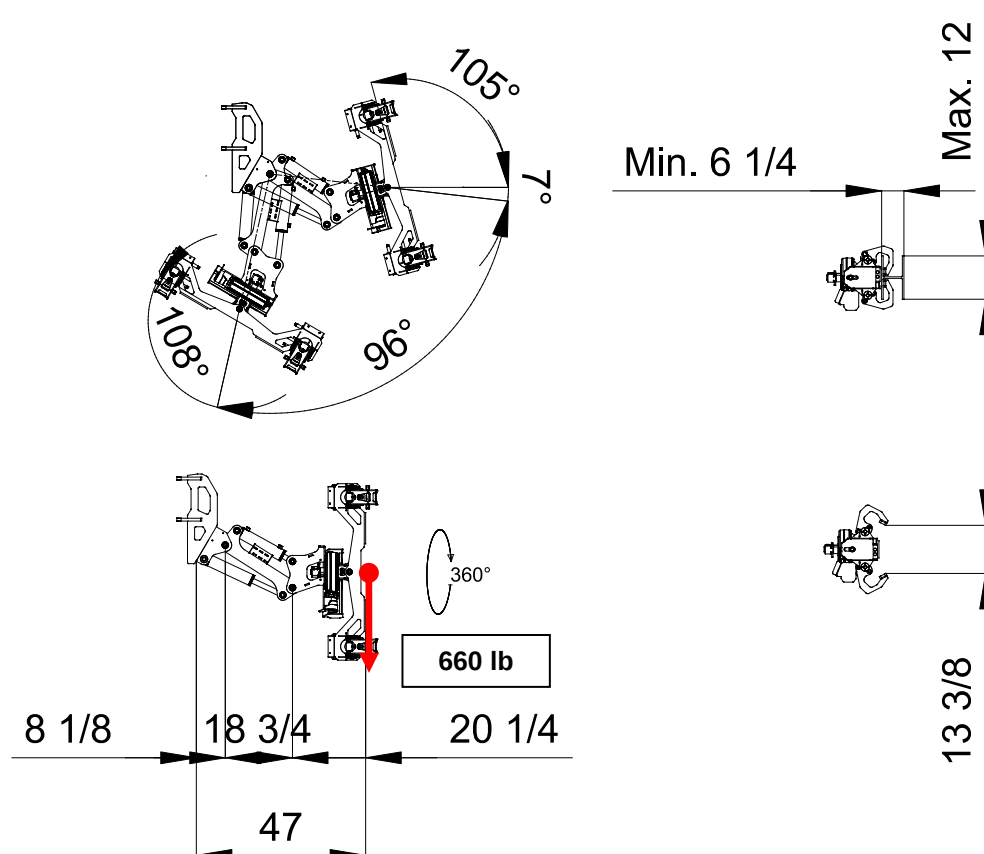


	6	10	n°
	1188	1760	lb
	594	880	lb

JIB301GR



JIB302GR



SYMBOLS

	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
	Outtrigger 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		Standard		Stabilizing bar
	Horizontal boom angle		Number of vacuum pads		Factory max. load		Building site max. load
	Powerpack		Outriggers mats		Winter warm-up kit		Hydraulic oil

Remarks referring to load chart

- For the calculation of the load charts at least a wind speed of 30 ft/s (20mph) and regarding the load a sail area of 1m² (1.2 yd²) per metric ton load (2205 lb) 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 kilograms.
- 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.



NOTES



NOTES



DEALER



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