



Technical Data

Specification & Capacities

SPX309

S.N: _____



CP: 7,6kW/10,4Hp



C+: 4,0kW/5,5Hp



7'02" – 24'11"



1950lb



B30.5

[ft] [lb]

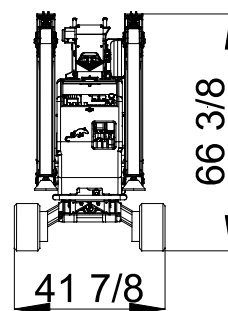
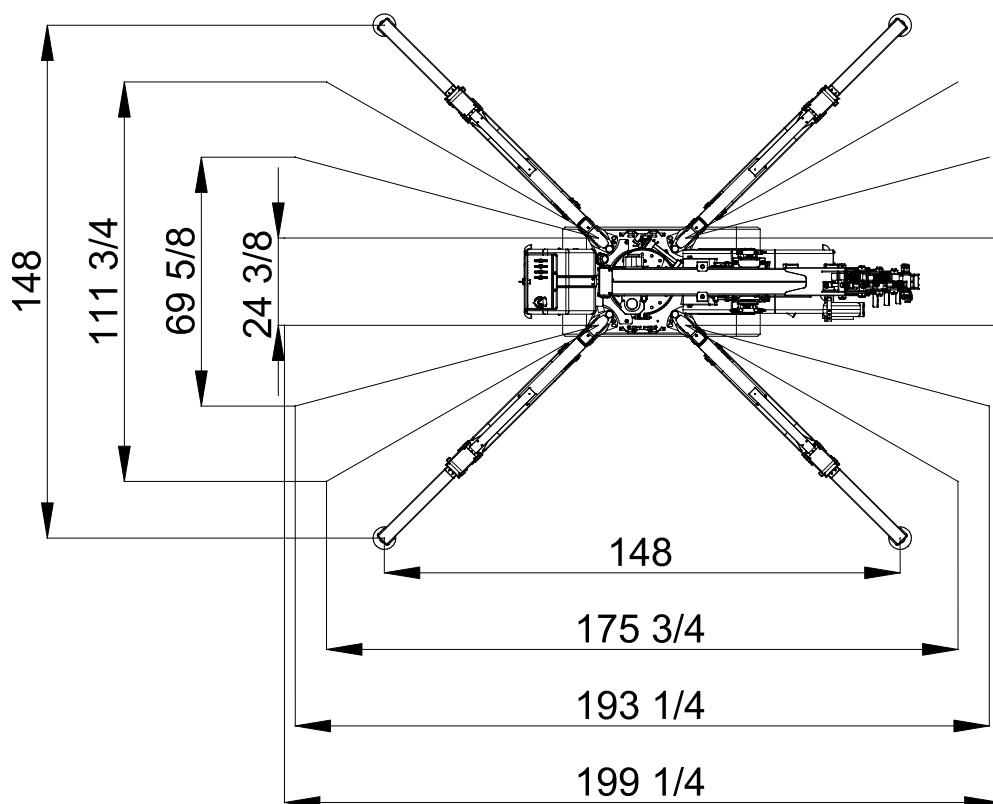
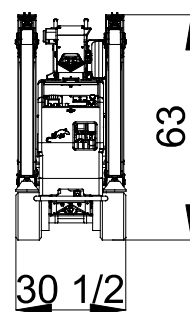
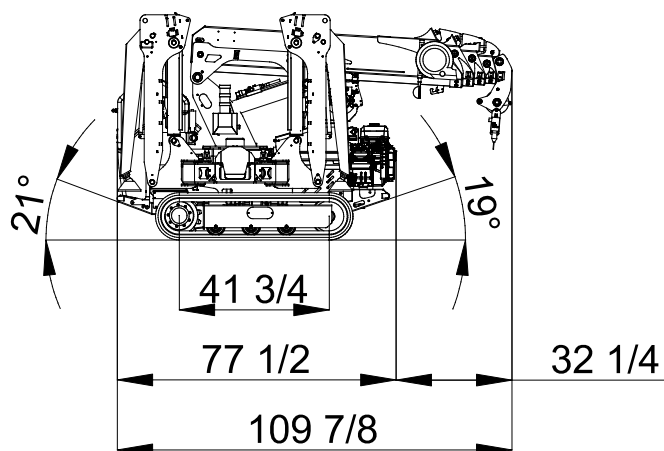


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REV.	20.1

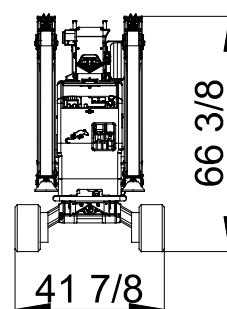
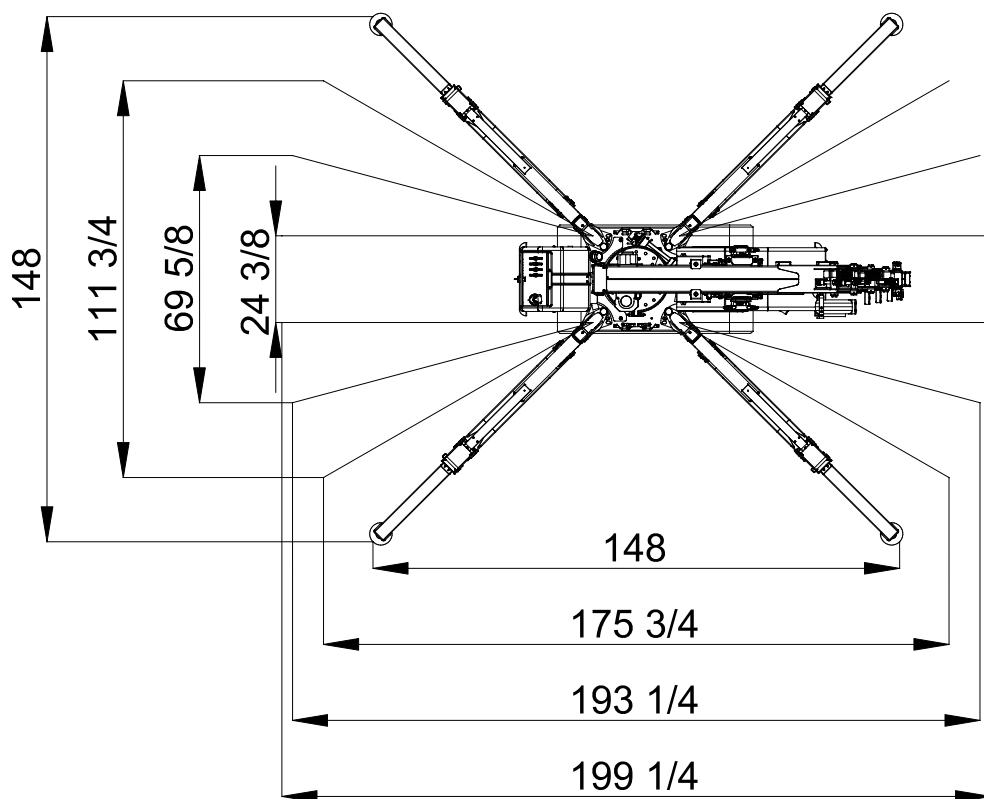
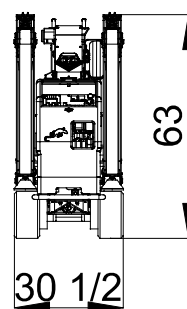
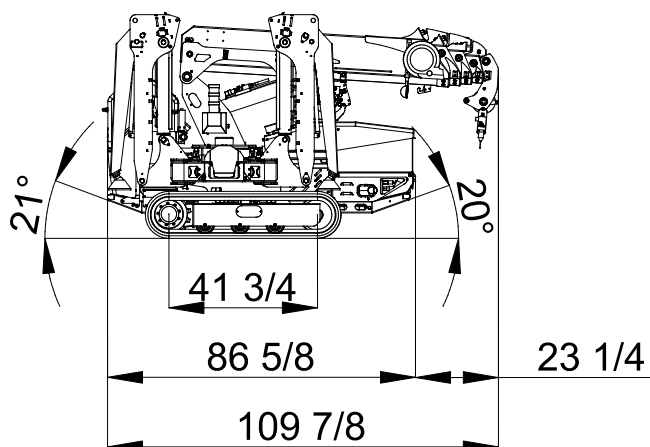
SPX309 - OVERALL DIMENSIONS

SPX309CP / SPX309HCP



SPX309 - OVERALL DIMENSIONS

SPX309C+ / SPX309HC+



WEIGHTS		Name / version	lb ¹
		CP, C+	3960
		-	0
		SINGLE FALL	59
		MULTIPLE FALL	44
		POWERPACK	99
		800GX	55
		400.1MX	128
		OM300	37
		WUK-01	3,3

¹: Dry weight

²: For HCP and HC+ only

³: Engine working limit

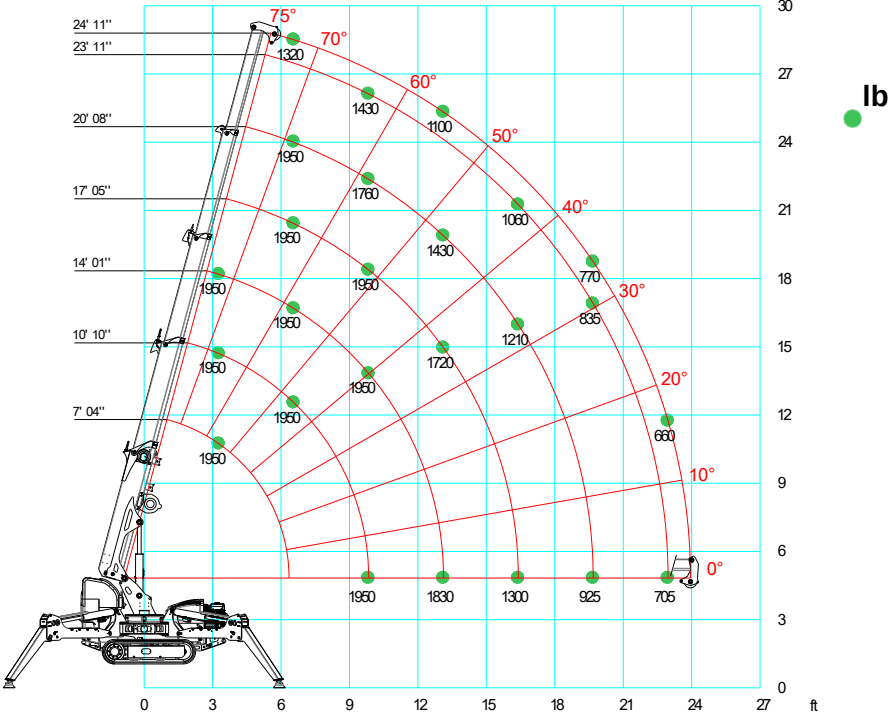
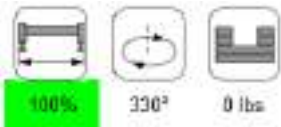
⁴: Static lifting

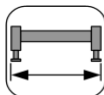
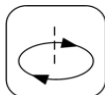
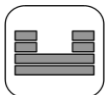
ENGINE		YAMAHA MZ360	
		7,6kW 10,4Hp	
		PETROL	
		gal	1,8
ELECTRIC		24V 240Ah	
		24V-3F 4,0kW 5,5HP	
HYDRAULIC		ISO 6743-4:HFDU with VG46 viscosity class	
		Working temp	<158°F
		gal	5,3
MOVEMENTS		mph	CP: 1,06 C+: 0,53
		20° (36%) ³	
		lb/in ²	6,25
		lb	4070 ⁴
		0°/75°	
		s	24
		330°	
		rpm	1,0
		m	7'03" - 24' 11"
		s	40

HOIST PERFORMANCE	Winch	Layer	Max line pull	Standard rope speed	Highest rope speed
			lb	ft/min	ft/min
		1	1632 ¹	40.0	84.3
		2	1518 ¹	43.6	91.9
		3	1404 ¹	45.9	96.8
		4	1320	49.5	104.3
	Rope	Wire rope	Ø	Total lenght	Max load
			in	ft	lb
		A4L 19x7 right lang lay	9/32	206.7	7920
	Hook block	Load	N° of		Block type
		lb	Sheaves	Lines	
		1950	1	2	Multiple fall block
		1320	-	1	Single fall block

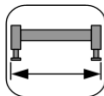
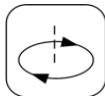
¹:LMI limited at 1320 lb

SPX309 MAIN BOOM



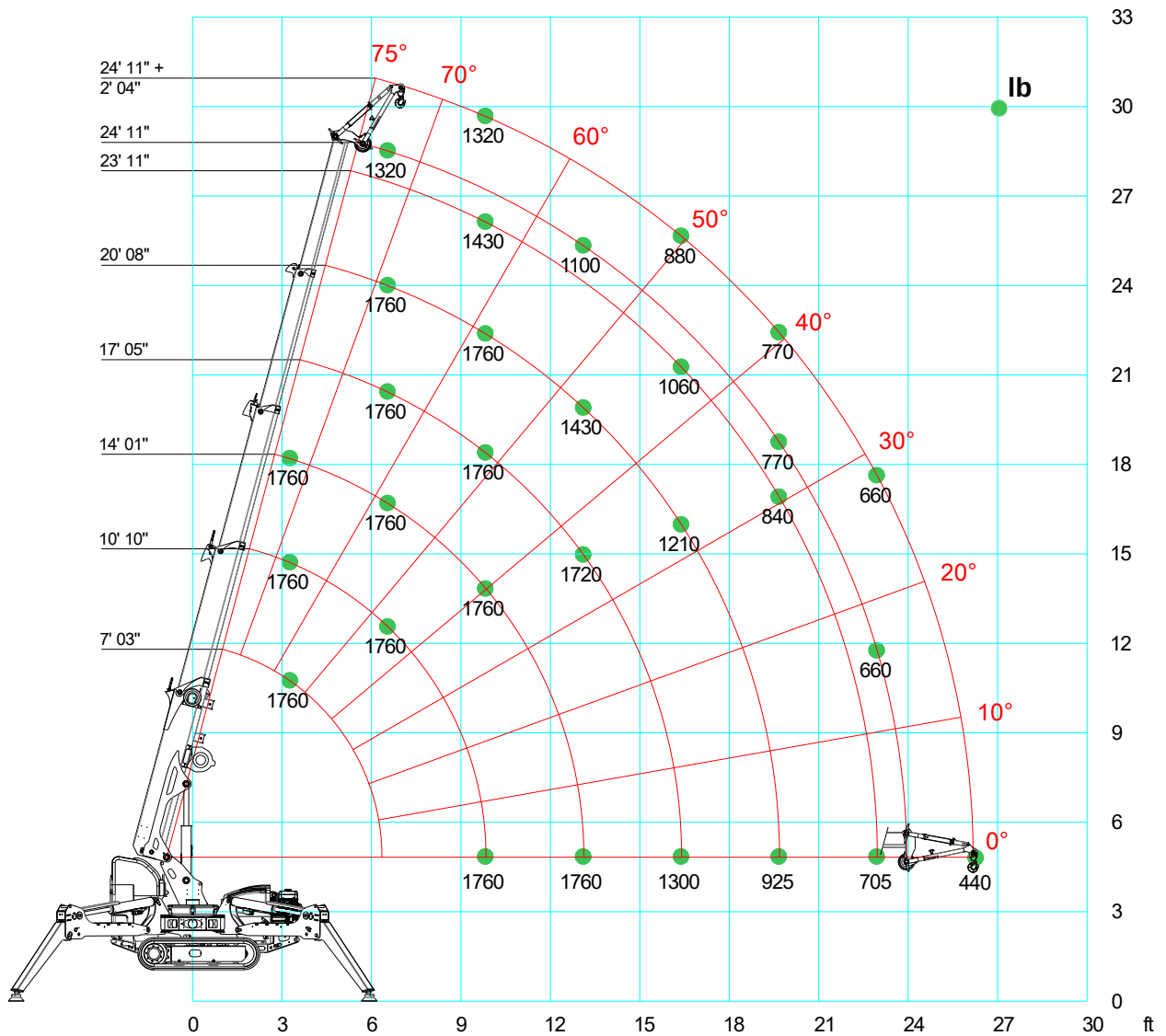
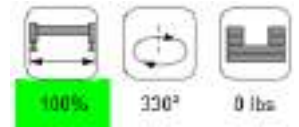
[ft] [lb]							
	MAIN BOOM	100%	330°	0 lb			
	7' 03"	10' 10"	14' 01"	17' 05"	20' 08"	23' 11"	24' 11"
3' 03"	1950	1950	1950				
6' 07"		1950	1950	1950	1950	1430	1320
9' 10"		1950	1950	1950	1760	1430	1320
13' 01"			1826	1716	1430	1210	1100
16' 05"				1298	1210	1056	880
19' 08"					924	836	770
23' 00"						704	660
23' 11"							660

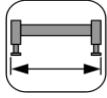
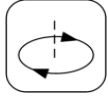
LC309_V405_1120_BP_FUNE_STAB_100

[ft] [lb]							
	MAIN BOOM	50%	330°	0 lb			
	7' 03"	10' 10"	14' 01"	17' 05"	20' 08"	23' 11"	24' 11"
3' 03"	1950	1950	1950				
6' 07"		1950	1950	1950	1760	1210	1100
9' 10"		1950	1950	1760	1584	1210	1100
13' 01"			1144	1078	858	726	660
16' 05"				748	704	594	484
19' 08"					550	484	440
23' 00"						396	396
23' 11"							330

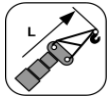
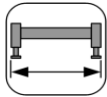
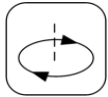
LC309_V405_1120_BP_FUNE_STAB_50

SPX309 + JIB800GX



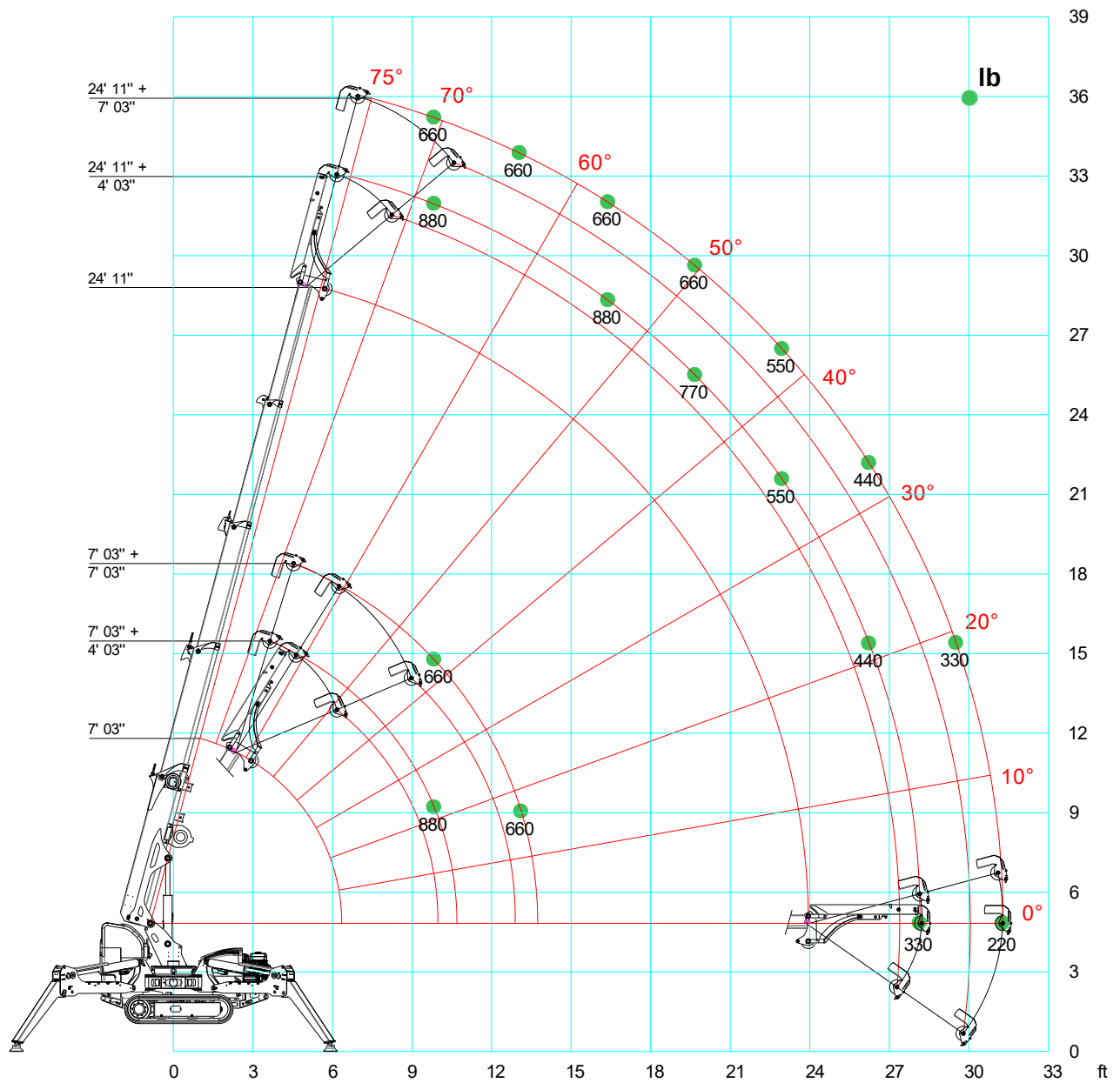
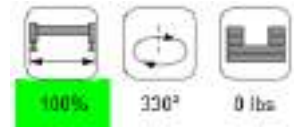
[ft] [lb]							
	JIB800GX	100%	330°	0 lb			
	7' 03"	10' 10"	14' 01"	17' 05"	20' 08"	23' 11"	24' 11"
3' 03"	1760	1760	1760				
6' 07"		1760	1760	1760	1760	1430	1320
9' 10"		1760	1760	1760	1760	1430	1320
13' 01"			1760	1716	1430	1210	1100
16' 05"				1298	1210	1056	880
19' 08"					924	836	770
23' 00"						704	660
26' 03"							440

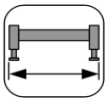
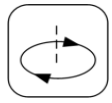
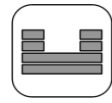
LC309_V405_1120_RUNNER_GANCIO_STAB_100

[ft] [lb]							
	JIB800GX	50%	330°	0 lb			
	9' 06"	10' 10"	14' 01"	17' 05"	20' 08"	23' 11"	27' 03"
3' 03"	1760	1760	1760				
6' 07"		1760	1760	1760	1760	1210	1100
9' 10"		1760	1760	1760	1584	1210	1100
13' 01"			1144	1078	858	726	660
16' 05"				748	704	594	484
19' 08"					550	484	440
23' 00"						396	396
26' 03"							220

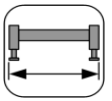
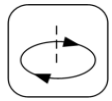
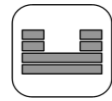
LC309_V405_1120_RUNNER_GANCIO_STAB_50

SPX309 + JIB400.1MX



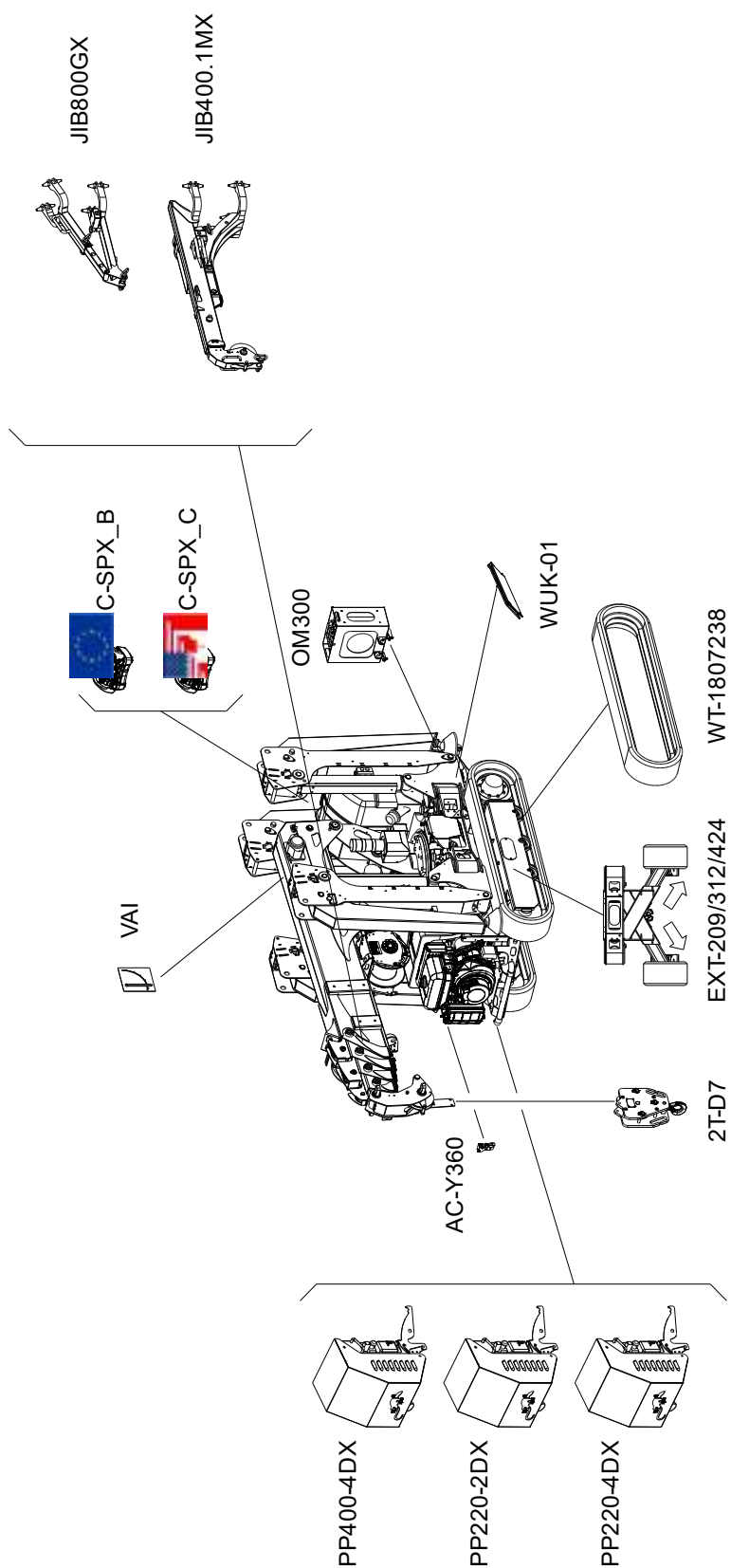
[ft] [lb]				
	JIB400.1MX	100%	330°	0 lb
	4' 03"	7' 03"		
6' 07"	880	660		
9' 10"		660		
13' 01"		660		
16' 05"				
19' 08"				
23' 00"				
26' 03"				
28' 03"				
31' 06"				

LC309_V405_1120_RUNNER_GANCIO_STAB_100

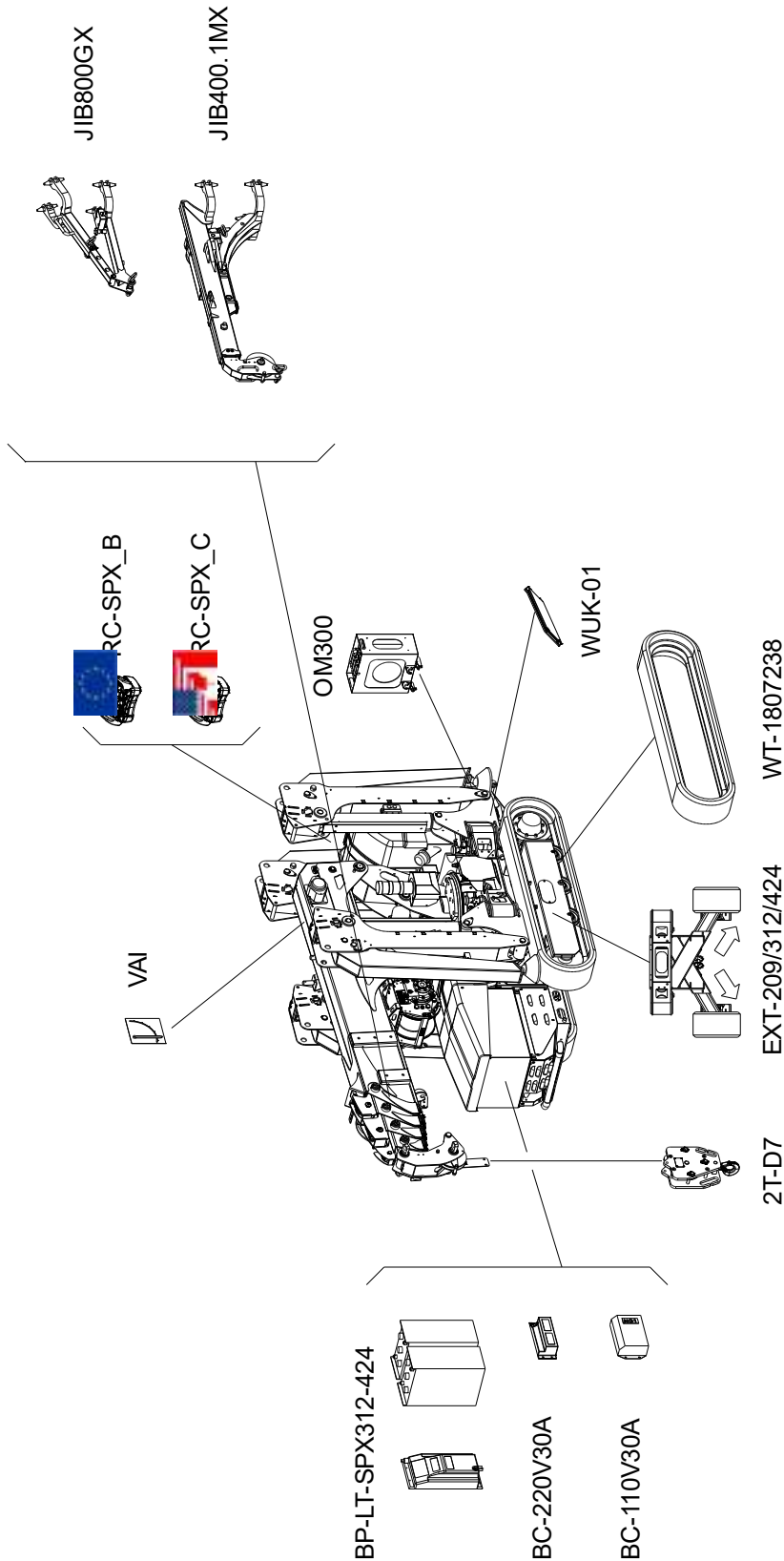
[ft] [lb]				
	JIB400.1MX	50%	330°	0 lb
	4' 03"	7' 03"		
6' 07"	880	660		
9' 10"	880	660		
13' 01"	880	660		
16' 05"	660	550		
19' 08"	440	440		
23' 00"	220	220		

LC309_V405_1120_RUNNER_GANCIO_STAB_50

ACCESSORIES



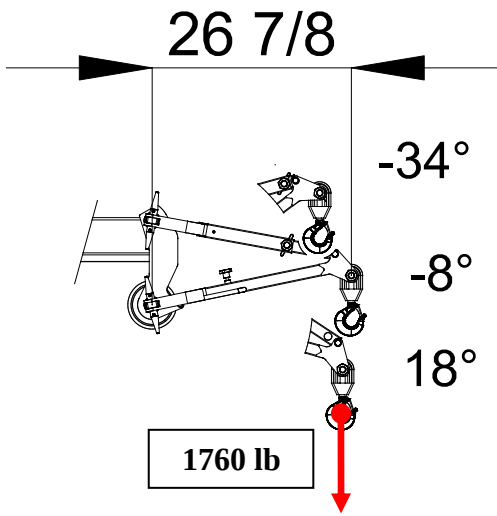
	STD	PC-01	PC-11
Boom, covers and outriggers	RAL2004	RAL____	RAL____
Chassis, frames and tanks	RAL7021	RAL7021	RAL____



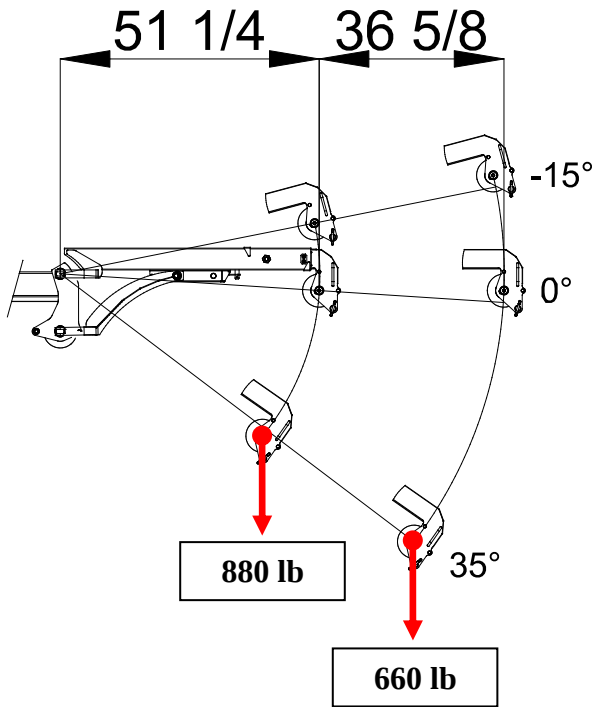
	STD	PC-01	PC-11
Boom, covers and outriggers	RAL2004	RAL____	RAL____
Chassis, frames and tanks	RAL7021	RAL7021	RAL____

ACCESSORIES FEATURES

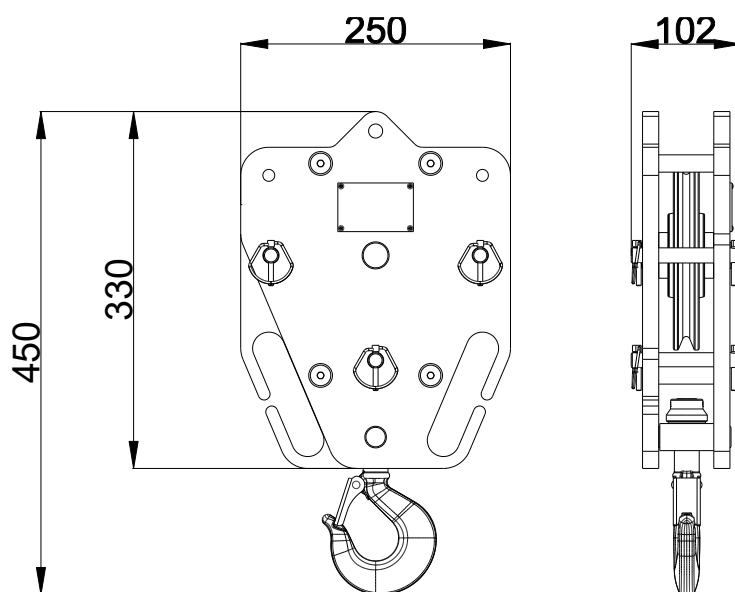
JIB800GX



JIB400.1MX



2TD7 BLOCK



SYMBOLS

	Weight		Chart Wheels		Engine		Jib lenght and angle
	Counterweight		Minipicker		Diesel Fuel		Jib Lenght
	Crane		Back Wheel Point Loading		Gasoline Fuel		Jib Radius
	Travel Speed		Front wheel Point Loading		Tank		Hydraulic Jib Lenght
	Gradeability		Travel Speed		Battery		Hydraulic Jib Radius
	Outtrigger Load		Gradeability		Power		Mechanical Jib Lenght
	Track Loading		Working Radius		Boom Angle		Mechanical Jib Radius
	Outriggers Setup		Hookblock		Boom Lenght		Manipulator Lenght
	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
- 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



DEALER



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