



# Technical Data

Specification & Capacities



## SPX429

S.N: \_\_\_\_\_



CDH: 14,9kW/20Hp



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



3,15-10,5m



2900kg



EN 13000

[m] [kg]



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Web: [www.jekko.it](http://www.jekko.it)

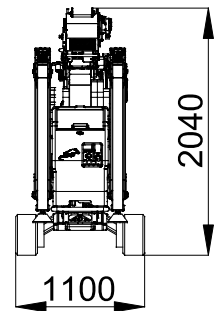
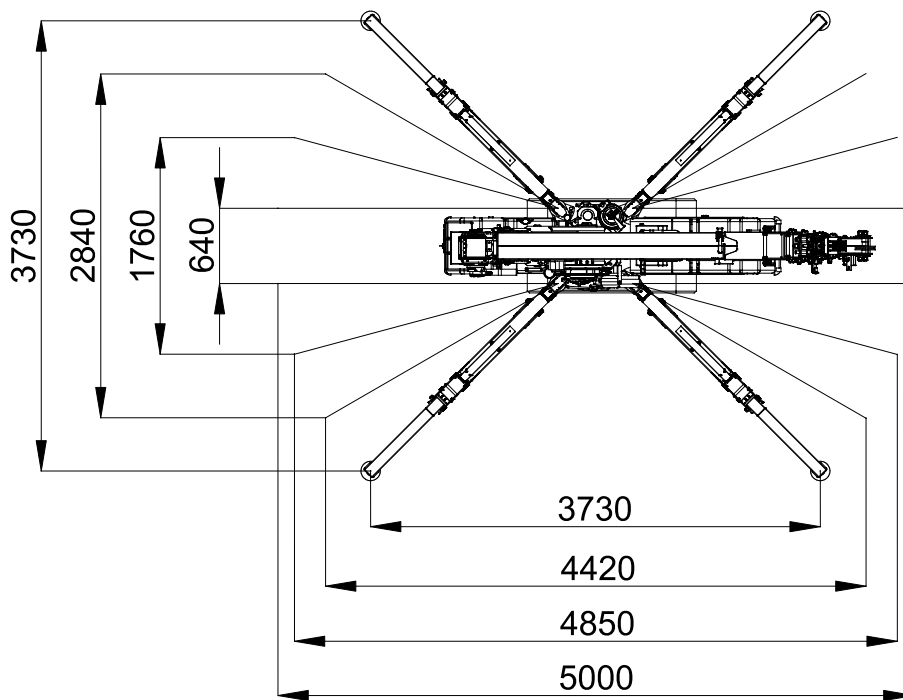
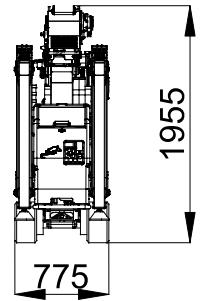
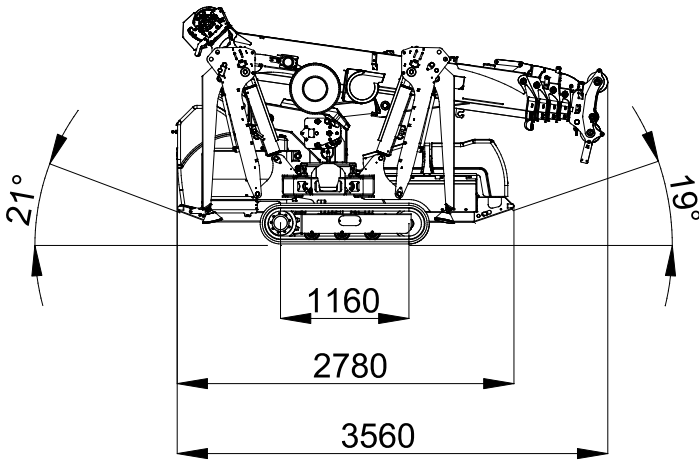
Date	May 23 <sup>rd</sup> 2019
REV.	12



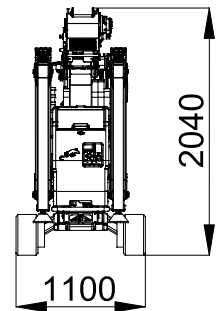
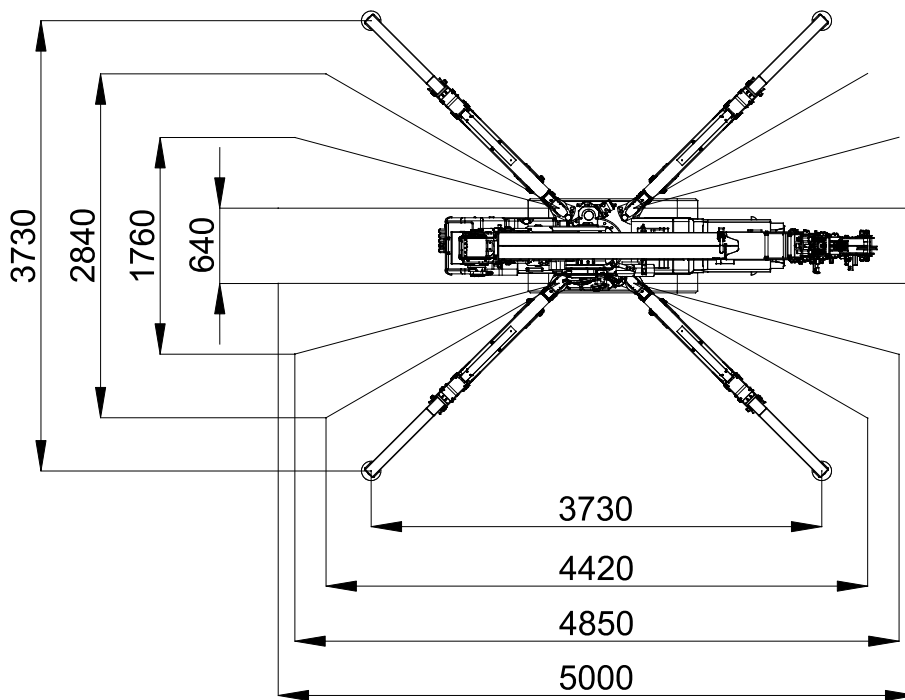
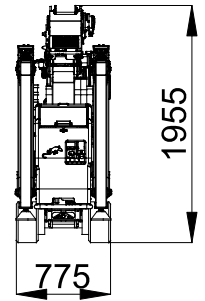
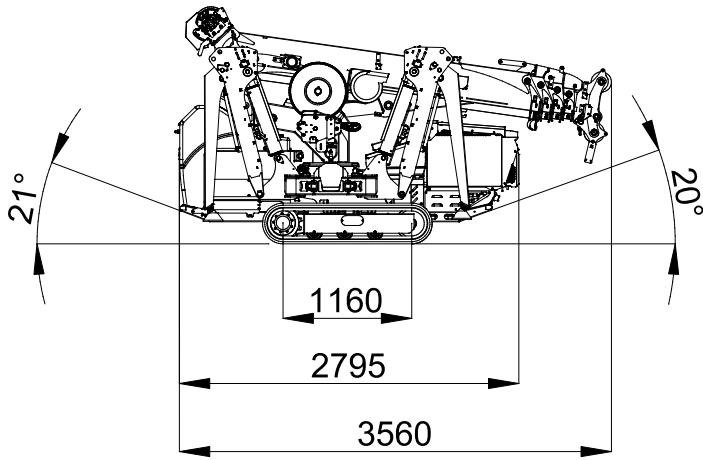
***SPX429***











**SPX429 - OVERALL DIMENSIONS**

**SPX429CDH**


















**SPX429C+**



WEIGHTS		Name / version	kg <sup>1</sup>
		CDH, C+	2080
		CDH, C+	200
		SINGLE FALL	27
		MULTIPLE FALL	20
		POWERPACK	45
		800GX	25
		800.1MX	110
		800.2H1MX	170
		MV600	200
		MR800	295
		HA-SPX429	35
		OM400	17
	WUK-02	1,5	

- <sup>1</sup>: Dry weight
- <sup>2</sup>: Engine working limit
- <sup>3</sup>: Static lifting

ENGINE		KUBOTA D722-E3B	
		14,9kW 20Hp	
		DIESEL	
		L	10,0
ELECTRIC		C+: 24V 420Ah	
		Li: 24V 288Ah	
		24V-3F 4,0kW 5,5HP	
HYDRAULIC		ISO 6743-4:HFDU with VG46 viscosity class	
		Working temp	<70°C
		L	35
MOVEMENTS		km/h	CDH: 1,8 C+: 0,72
		20° (36%) <sup>2</sup>	
		kg/cm <sup>2</sup>	0,55
		kg	2200 <sup>3</sup>
		0°/75°	
		s	14
		360°	
		rpm	1,5
		m	2,6 - 8,5
		s	26

HOIST PERFORMANCE	Winch	Layer	Max line pull	Standard rope speed	Highest rope speed
			kg	m/min	m/min
		1	1285 <sup>1</sup>	18,1	21,7
		2	1180 <sup>1</sup>	19,7	23,6
		3	1100 <sup>1</sup>	21,2	26,4
		4	1020 <sup>1</sup>	22,8	27,3
	5	980	24,4	33,2	
	Rope	Wire rope	Ø	Total lenght	Max load
			mm	m	kg
		A24	8	51	5700
Hook block	Load	N° of		Block type	
	kg	Sheaves	Lines		
	2900	1	3	Multiple fall block	
	1960	1	2		
	980	-	1	Single fall block	

<sup>1</sup>:LMI limited at 980 kg

## SPX429 – MAIN BOOM



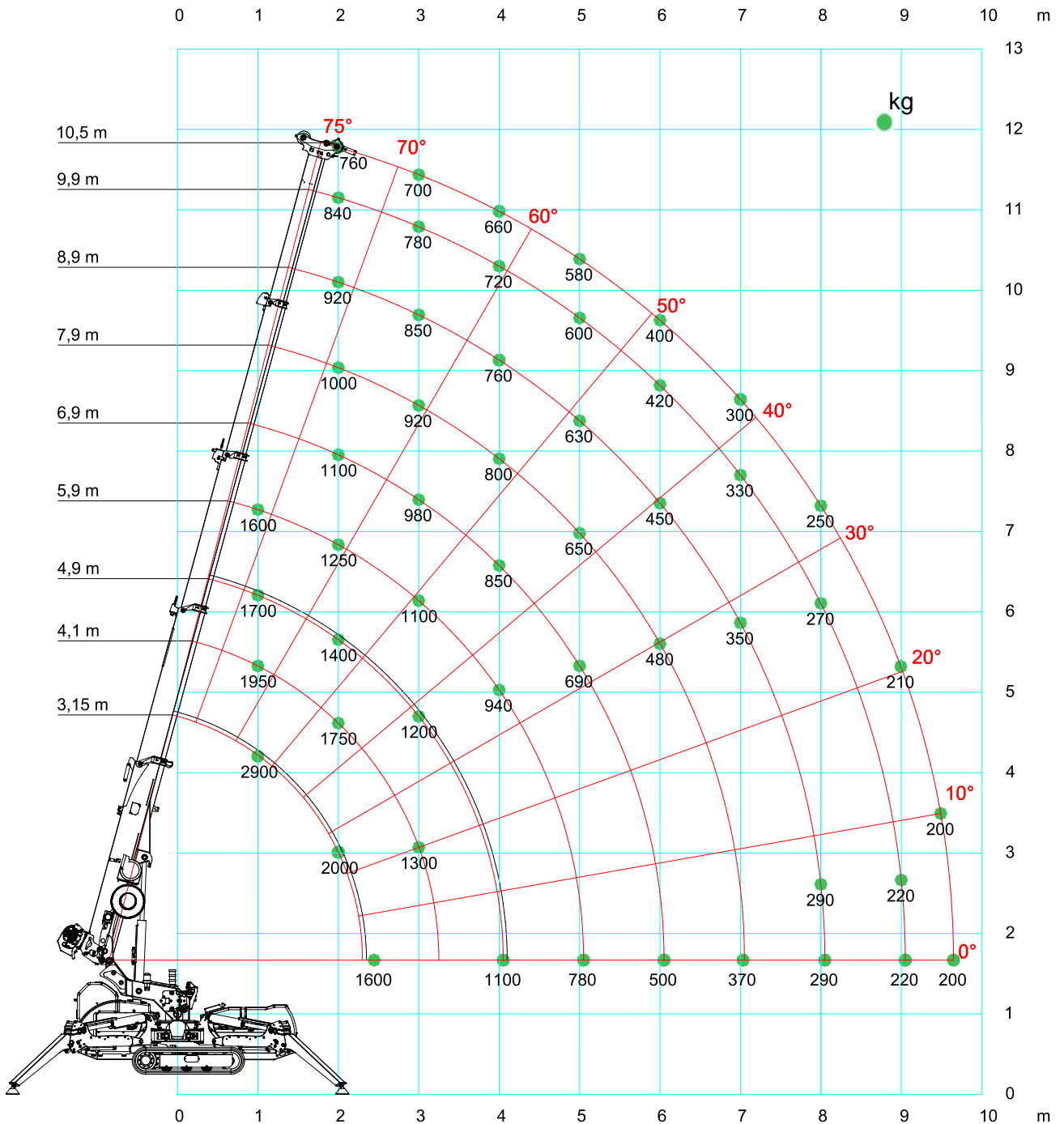
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



360°








200 kg





[m] [kg]									
	MAIN BOOM	100%	360°	200kg					
	3,2	4,1	4,9	5,9	6,9	7,9	8,9	9,9	10,5
1	2900	1950	1700	1600					
2	2000	1750	1400	1250	1100	1000	920	840	760
3		1300	1200	1100	980	920	850	780	700
4			1100	940	850	800	760	720	660
5				780	690	650	630	600	580
6					500	480	450	420	400
7						370	350	330	300
8							290	270	250
9								220	210
9,6									200

LC429\_V104\_0218\_BP\_FUNE\_CW200\_STAB\_100

[m] [kg]									
	MAIN BOOM	50%	360°	200kg					
	3,2	4,1	4,9	5,9	6,9	7,9	8,9	9,9	10,5
1	2900	1950	1700	1600					
2	1450	1200	1000	950	900	850	800	750	700
3		1000	850	800	750	700	650	600	550
4			500	490	480	460	440	420	400
5				320	320	310	300	280	270
6					210	210	210	210	210
7						150	150	150	150
8,0							100	100	100

LC429\_V104\_0218\_BP\_FUNE\_CW200\_STAB\_50

## SPX429 + JIB800GX



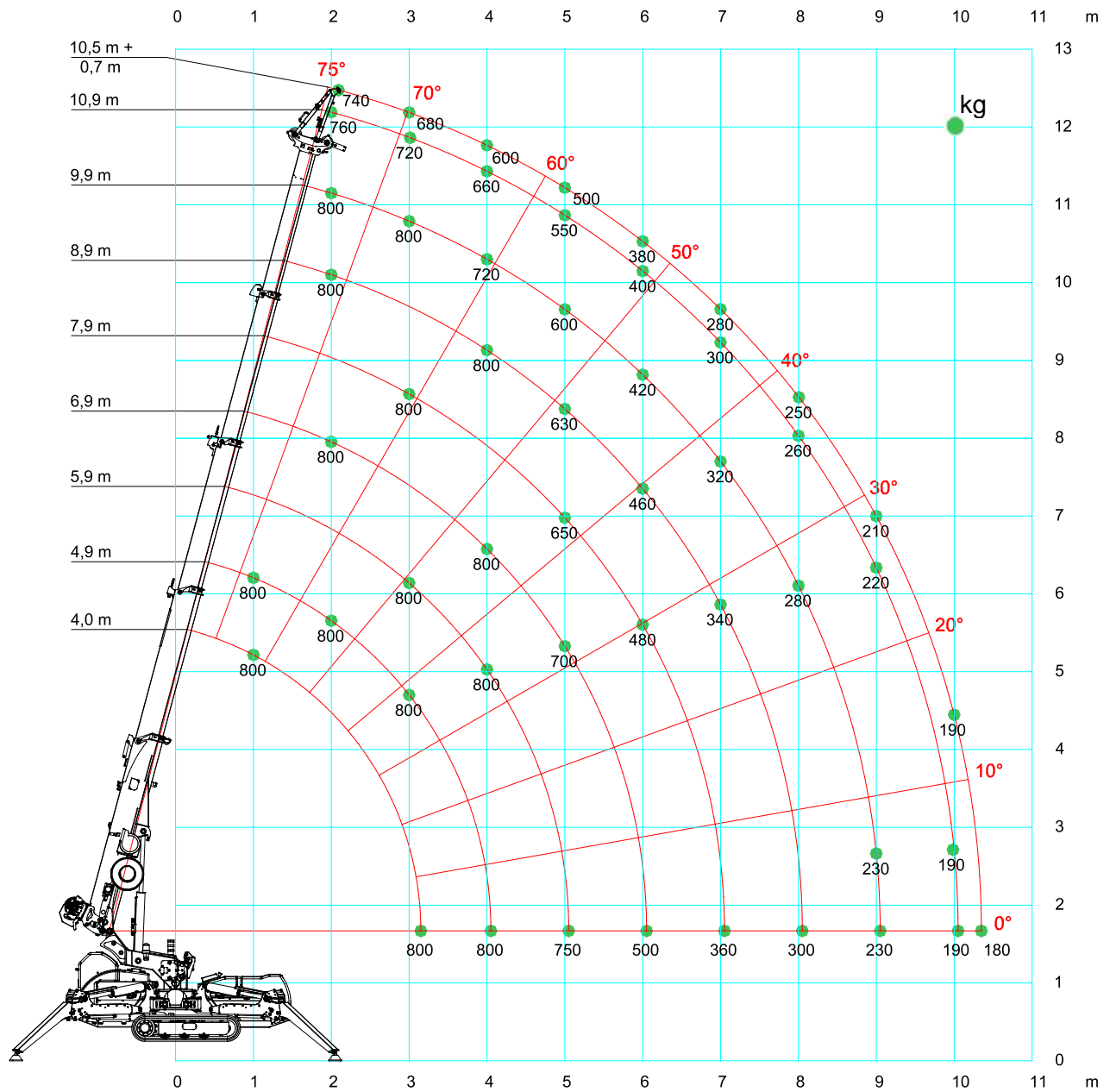
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





360°








200 kg



[m] [kg]									
	JIB800GX	100%	360°	200 kg					
	4,0	4,9	5,9	6,9	7,9	8,9	9,9	10,9	11,2
1	800	800	800	800					
2	800	800	800	800	800	800	800	760	740
3	800	800	800	800	800	800	800	720	680
4		800	800	800	800	800	720	660	600
5			750	700	650	630	600	550	500
6				500	480	460	420	400	380
7					360	340	320	300	280
8						300	280	260	250
9							230	220	210
10								190	190
10,4									180

LC429\_V103\_1016\_RUNNER\_GANCIO\_CW200\_STAB\_100

[m] [kg]									
	JIB800GX	50%	360°	200 kg					
	4,0	4,9	5,9	6,9	7,9	8,9	9,9	10,9	11,2
1	800	800	800	800					
2	800	800	800	800	800	800	760	700	620
3	800	800	800	750	700	650	600	550	500
4		520	510	500	480	460	440	420	400
5			330	320	310	300	280	260	240
6				220	210	200	190	180	170
7					150	140	130	120	110
8						100	100	100	100

LC429\_V103\_1016\_RUNNER\_GANCIO\_CW200\_STAB\_50

## SPX429 + JIB800.2H1MX



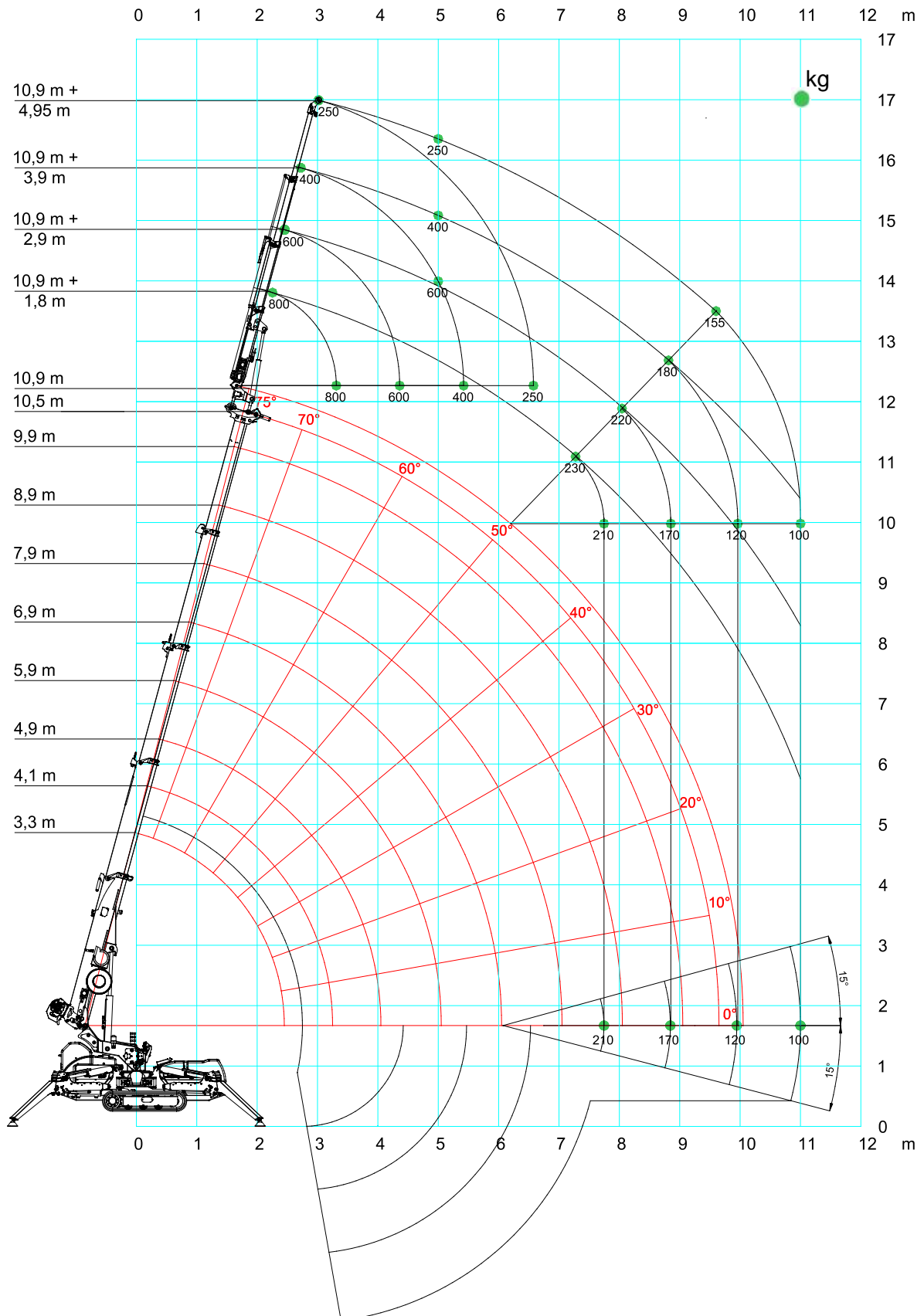
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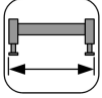
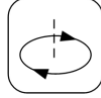
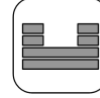



360°


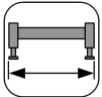
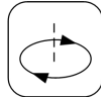
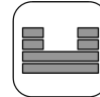



200 kg



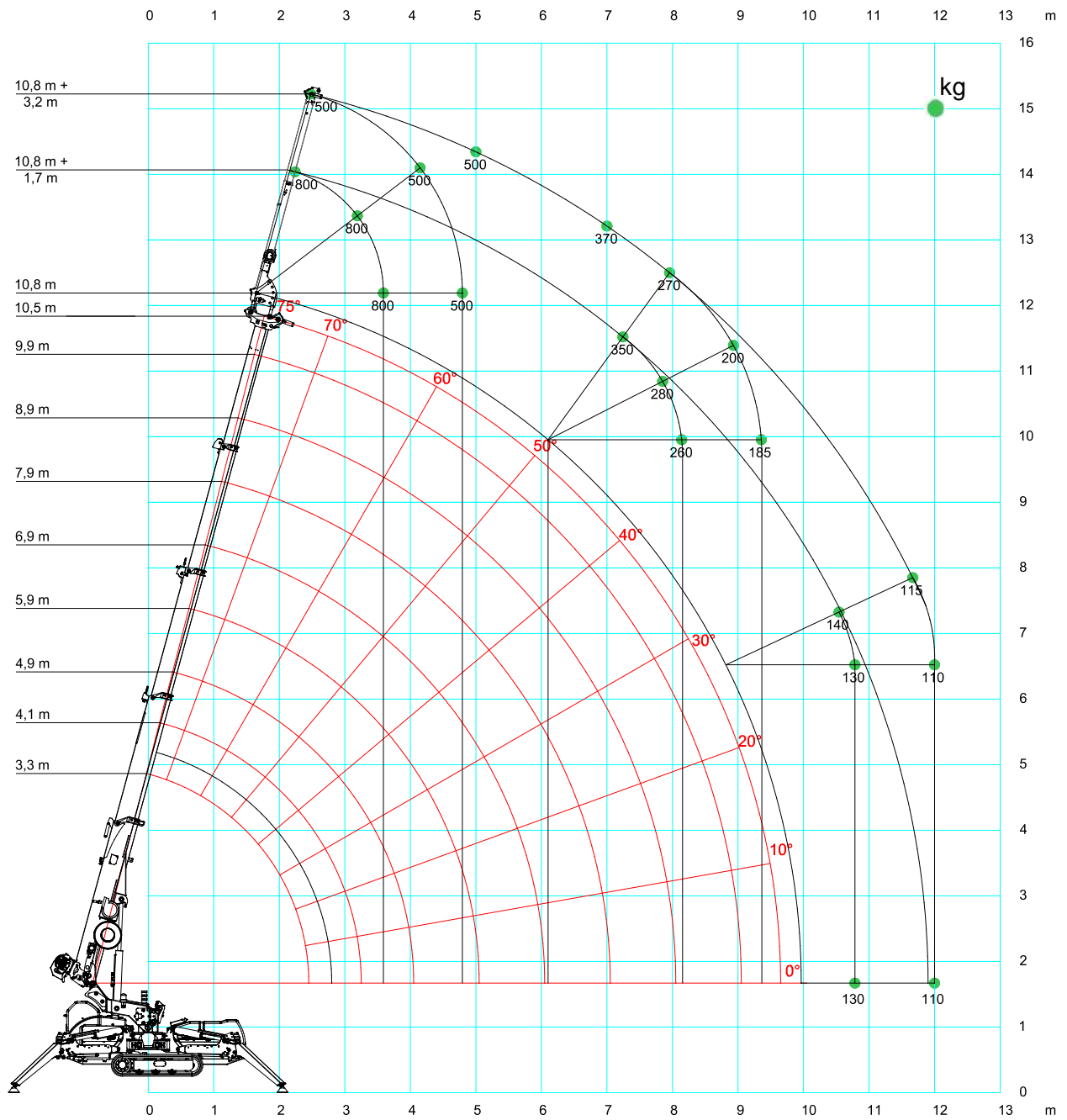
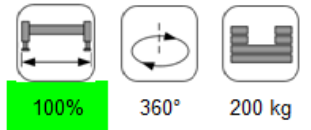
[m] [kg]					
	JIB800. 2H1MX	100%	360°	200kg	EN
	1,8	2,9	3,9	4,9	
2	800	600			
3	800	600	400	250	
4	800	600	400	250	
5	580	580	400	250	
6	370	380	390	250	
7	240	250	260	250	
8	200	220	230	240	
9	140	160	170	180	
10		110	120	140	
11			100	100	


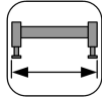



LC429\_V103\_1016\_JIB2\_IDR\_FUNE\_CW200\_STAB\_100

[m] [kg]					
	JIB800. 2H1MX	50%	360°	200kg	EN
	1,8	2,9	3,9	4,9	
2	800	600			
3	640	600	400	250	
4	390	370	350	250	
5	200	200	200	200	
6		100	100	100	


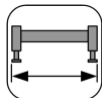
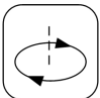


LC429\_V103\_1016\_JIB2\_IDR\_FUNE\_CW200\_STAB\_50

## SPX429 + JIB800.1MX



[m] \ [kg]	 JIB800. 1MX	 <b>100%</b>	 360°	 200kg	 EN
	<b>1,7</b>	<b>3,2</b>			
3	800	500			
4	800	500			
5	750	500			
6	520	500			
7	370	370			
8	270	270			
9	200	200			
10	150	150			
11	130	130			
12	110	110			

LC429\_V103\_1016\_JIB\_MEC\_FUNE\_CW200\_STAB\_100

[m] \ [kg]	 JIB800. 1MX	 <b>50%</b>	 360°	 200kg	 EN
	<b>1,7</b>	<b>3,2</b>			
3	750	500			
4	490	490			
5	280	280			
6	170	170			
7	100	100			

LC424\_V401\_1116\_JIB\_MEC\_FUNE\_CW200\_STAB\_50

**SPX429 + MR800.4-6+4P**



100%

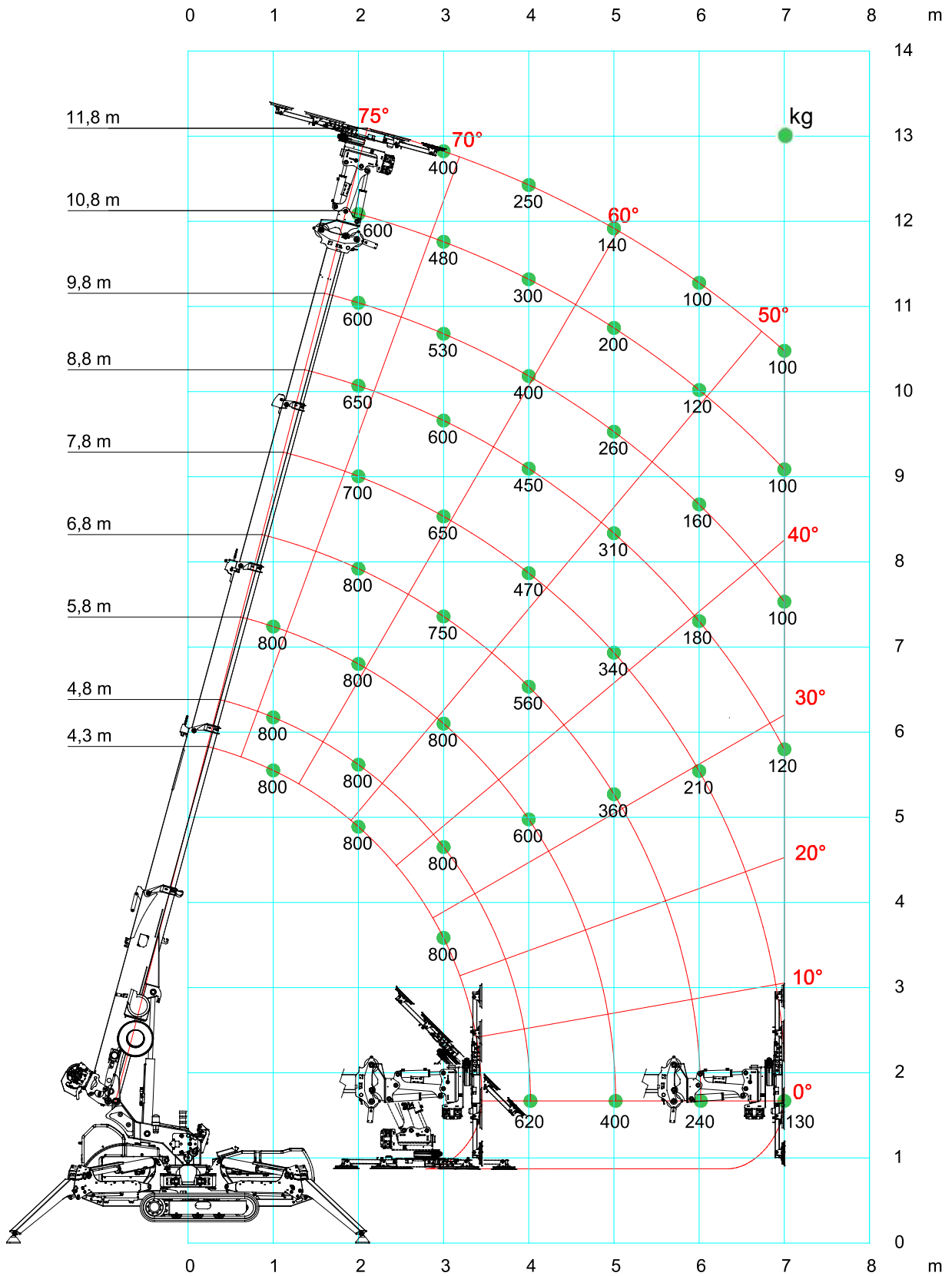







360°








200 kg





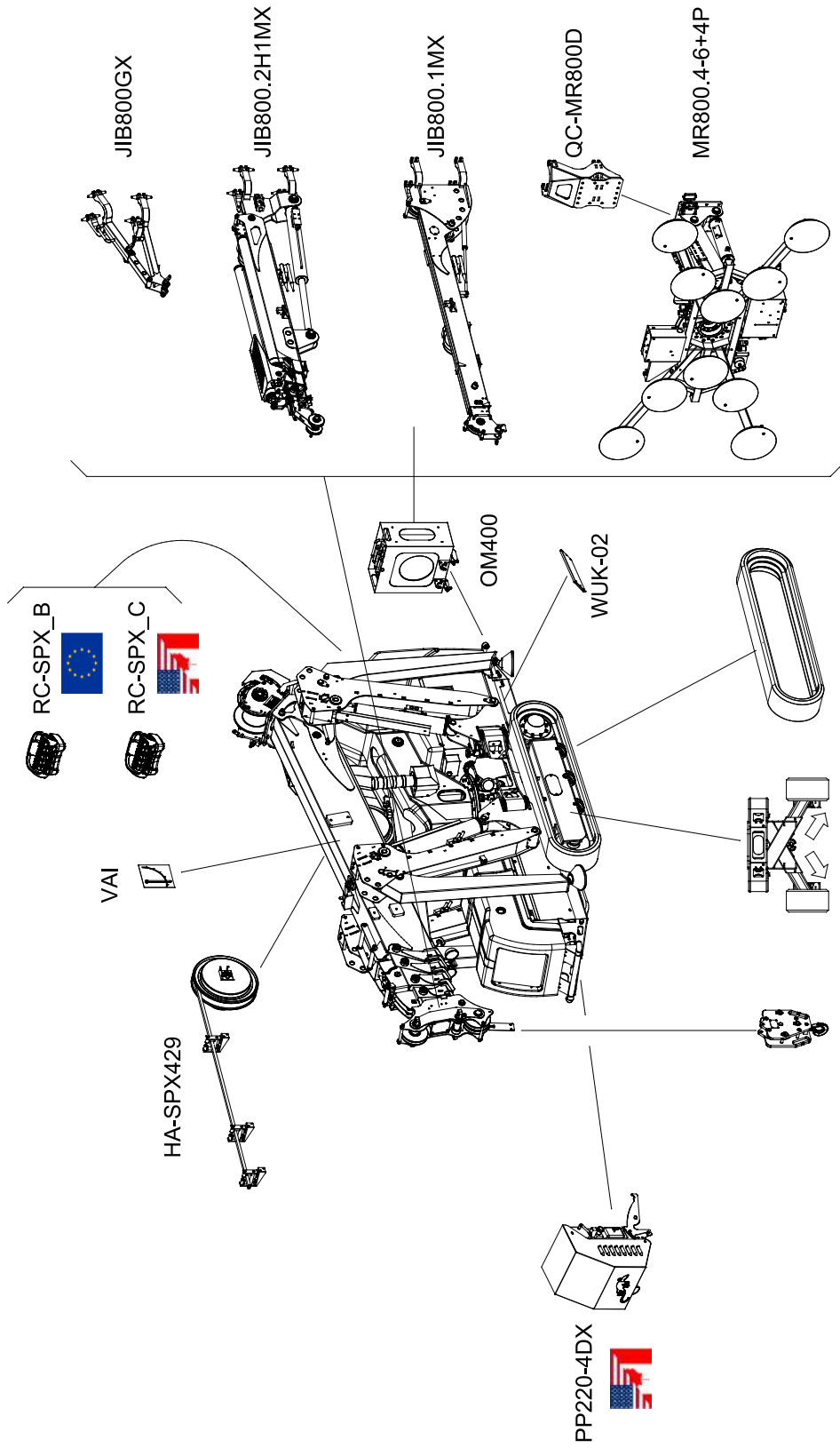
[m] \ [kg]	 MR800.4-6+4P	 100%	 360°	 200kg	 EN				
	4,3	4,8	5,8	6,8	7,8	8,8	9,8	10,8	11,8
1	800	800	800	800					
2	800	800	800	800	700	650	600	600	600
3	800	800	800	750	650	600	530	480	400
4		620	600	560	470	450	400	300	250
5			400	360	340	310	260	200	140
6				240	210	180	160	120	100
7					130	120	100	100	100

LC429\_V103\_1016\_MR800\_CW200\_STAB\_100

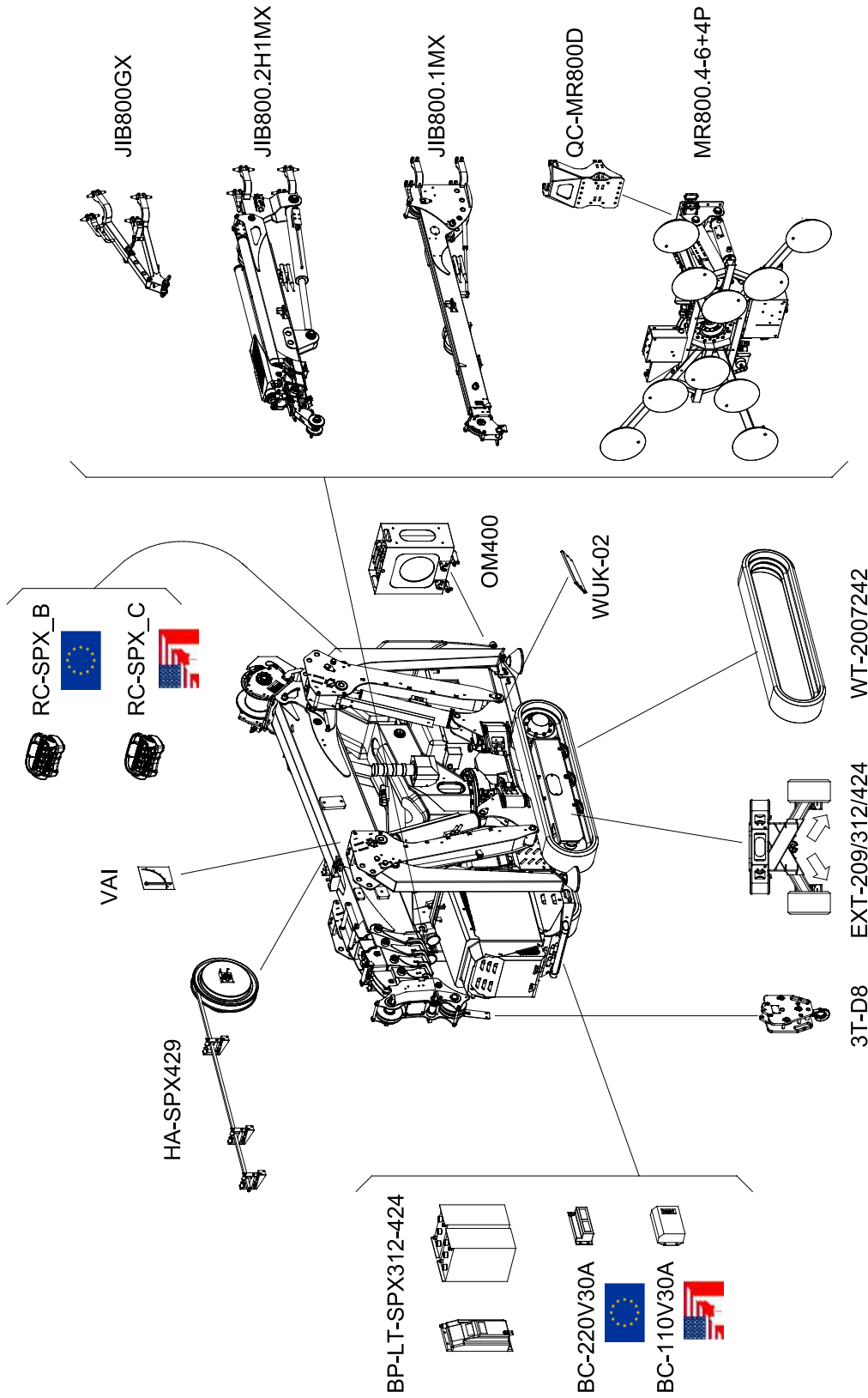
[m] \ [kg]	 MR800.4-6+4P	 50%	 360°	 200kg	 EN				
	4,3	4,8	5,8	6,8	7,8	8,8	9,8	10,8	11,8
1	800	800	700	650					
2	800	650	630	600	580	540	500	470	420
3	600	570	510	470	420	400	360	320	300
4		360	340	330	300	260	240	200	190
5			170	160	150	140	140	130	120

LC429\_V103\_1016\_MR800\_CW200\_STAB\_50

## ACCESSORIES



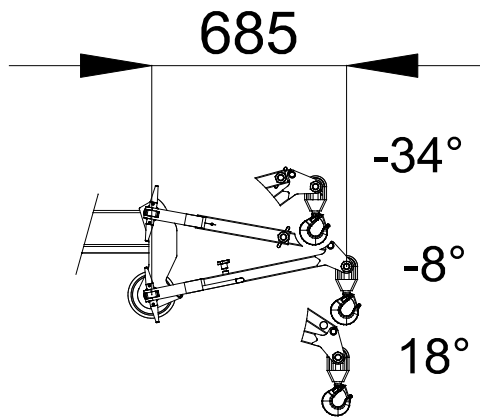
	STD	PC-01	PC-11
<b>Boom, covers and outriggers</b>	RAL2004	RAL____	RAL____
<b>Chassis, frames and tanks</b>	RAL7021	RAL7021	RAL____



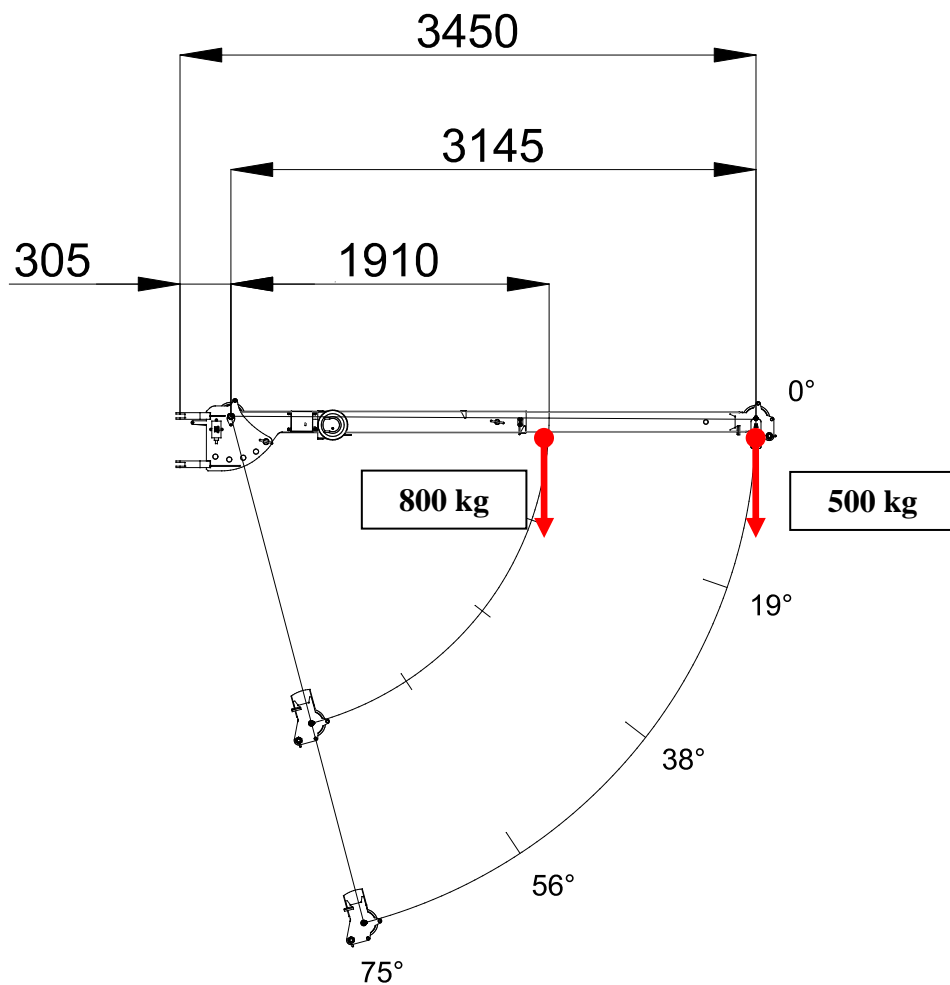
	STD	PC-01	PC-11
<b>Boom, covers and outriggers</b>	RAL2004	RAL___	RAL___
<b>Chassis, frames and tanks</b>	RAL7021	RAL7021	RAL___

# ACCESSORIES FEATURES

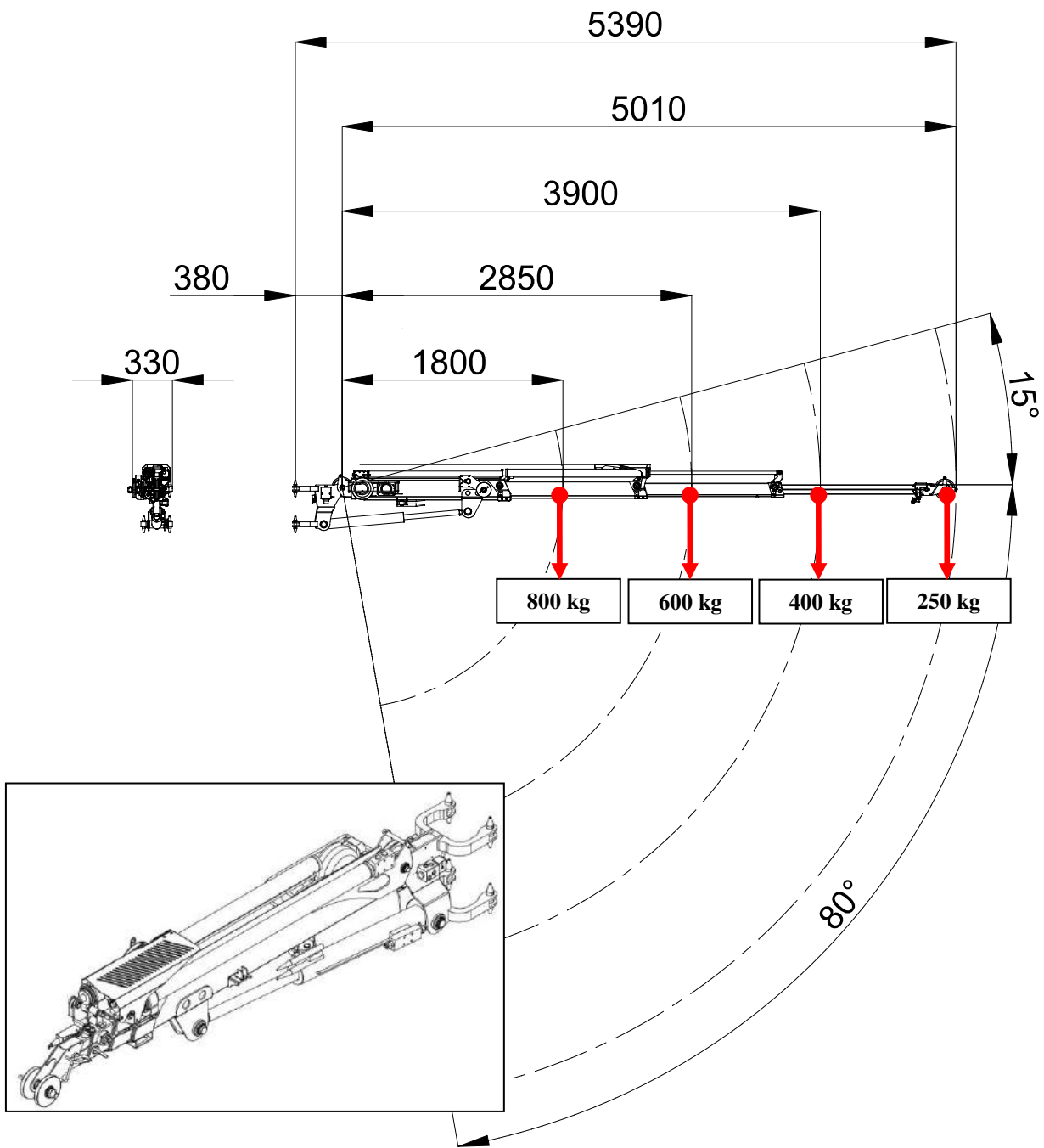
JIB800GX



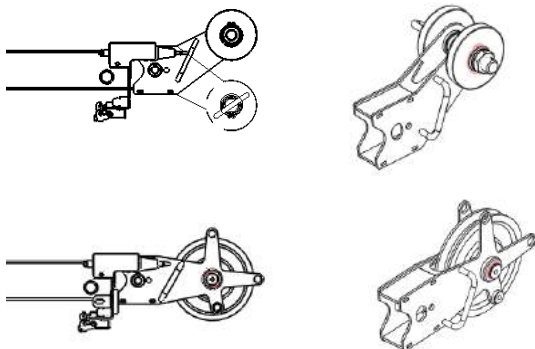
JIB800.1MX



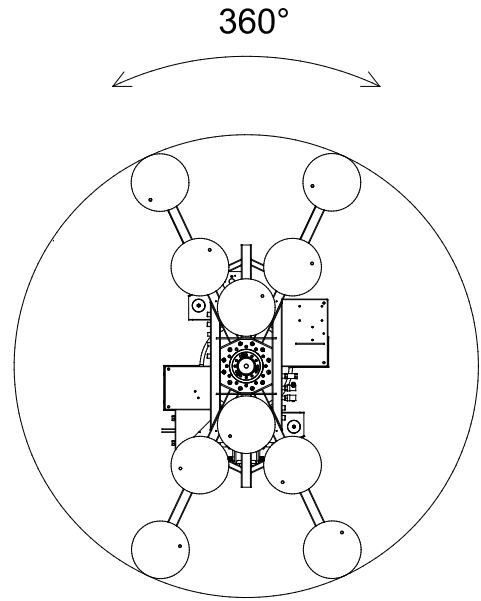
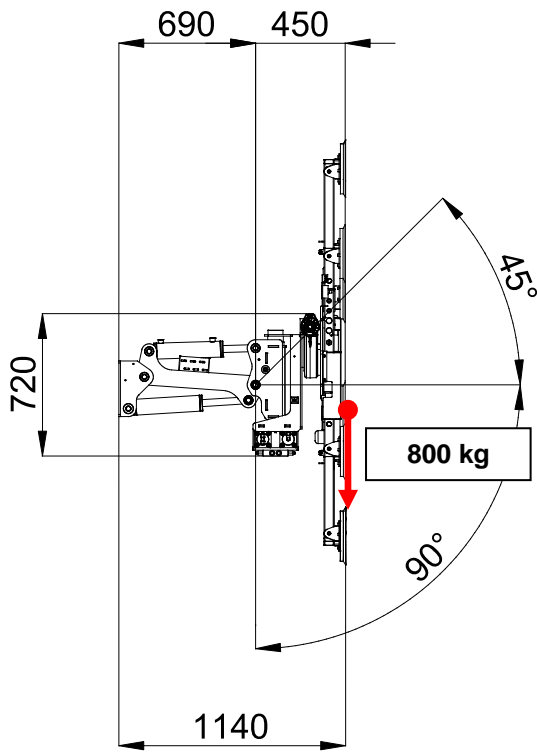
**JIB800.2H1MX**



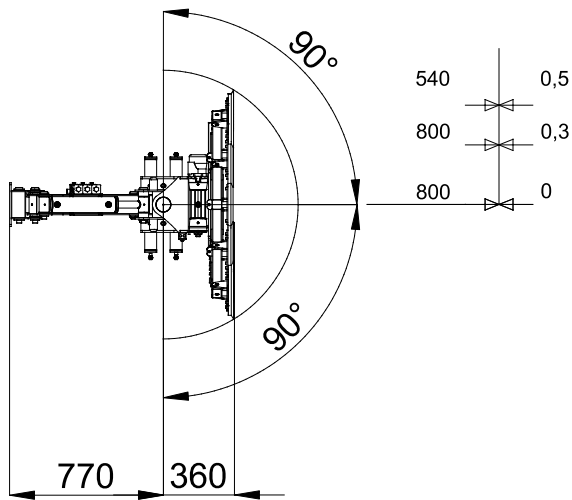
**HEAD CONFIGURATIONS:**



## MR800.4-6+4P



kg      m























































	6	10	n°
	540	800	kg
	270	400	kg



# SYMBOLS

***SPX429***



	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		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

- The load charts are calculated according to EN 13000.
- For the calculation of the load charts at least a wind speed of 9m/s (33km/h) and regarding the load a sail area of 1m<sup>2</sup> per ton 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 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

***SPX429***

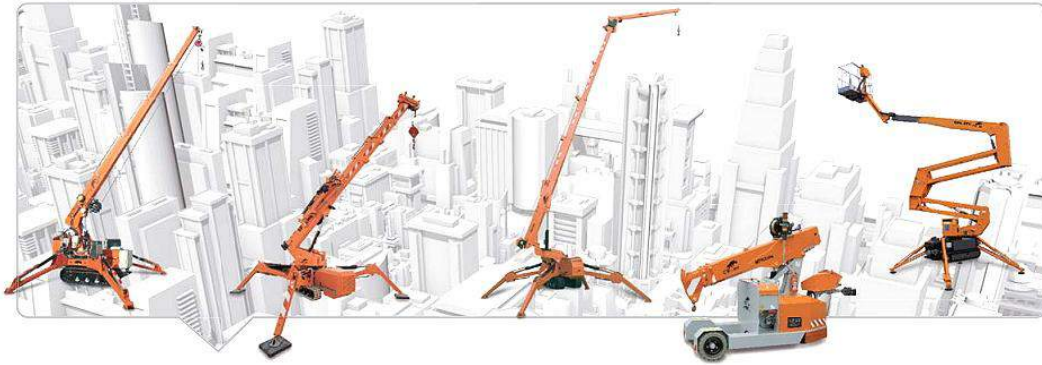
A large, empty rectangular box with a thin black border, intended for taking notes.



NOTES

***SPX429***

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



DEALER



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