



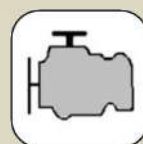
Technical Data

Specification & Capacities



SPX536CDH-2

S.N:



18,5kW/25,0Hp



3,4-12,1m



3600kg



EN 13000

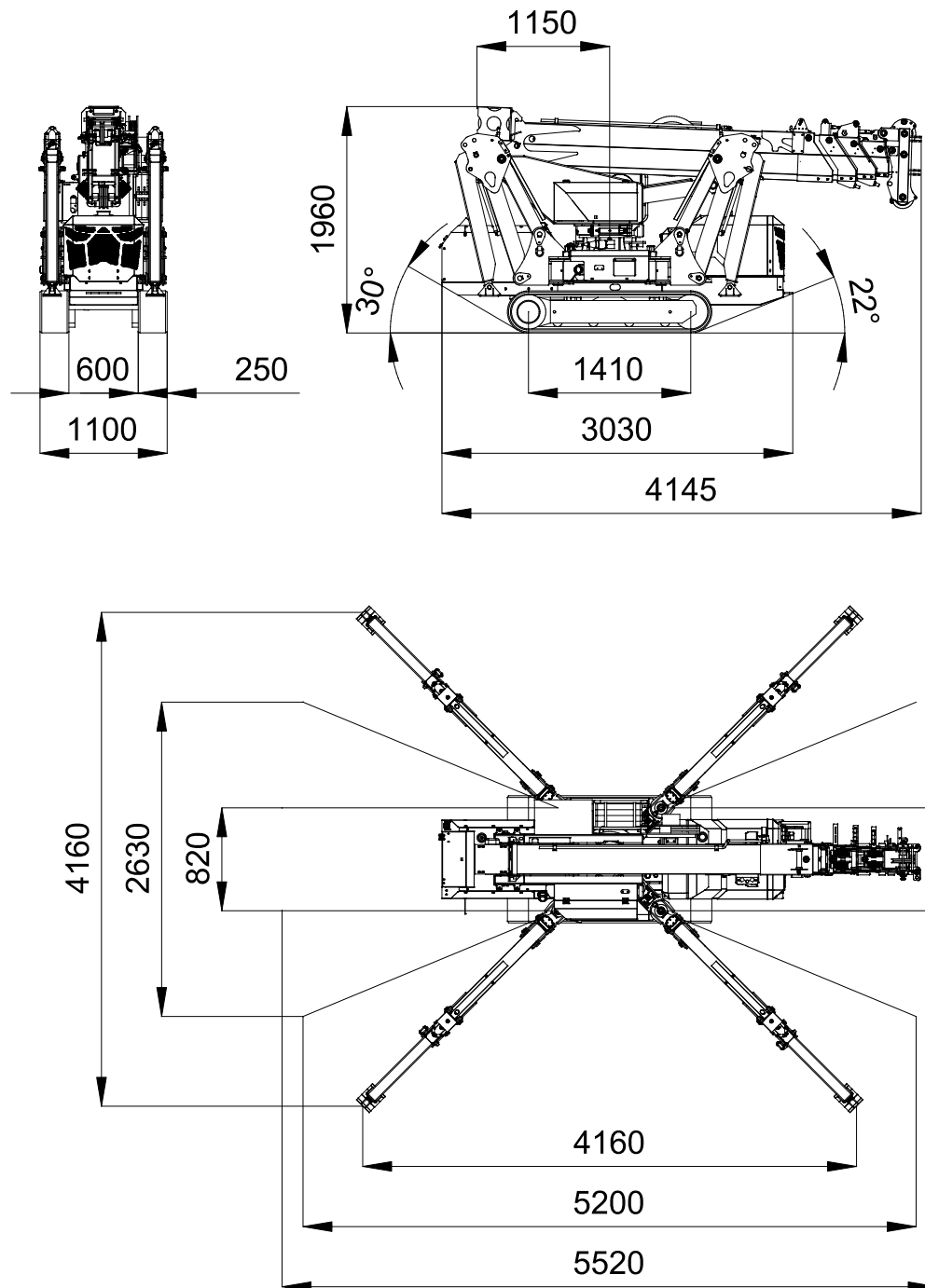
[m] [kg]



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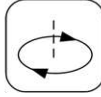
Date	Jul. 15 th 2020
REV.	4

SPX536CDH-2 - OVERALL DIMENSIONS



WEIGHTS		Name / version	kg ¹
		CDH-2	3600
		CDH-2	0
		W900.125	58
		SINGLE FALL	24,5
		MULTIPLE FALL	60
		POWERPACK	40
		800G	26
		600.2H (w ME-01)	210 (215)
		MR800 (w QC)	295 (340)
		301GR (w QC)	200 (245)
		HA-SPX527	45
		OM400	17
		WUK-03	2

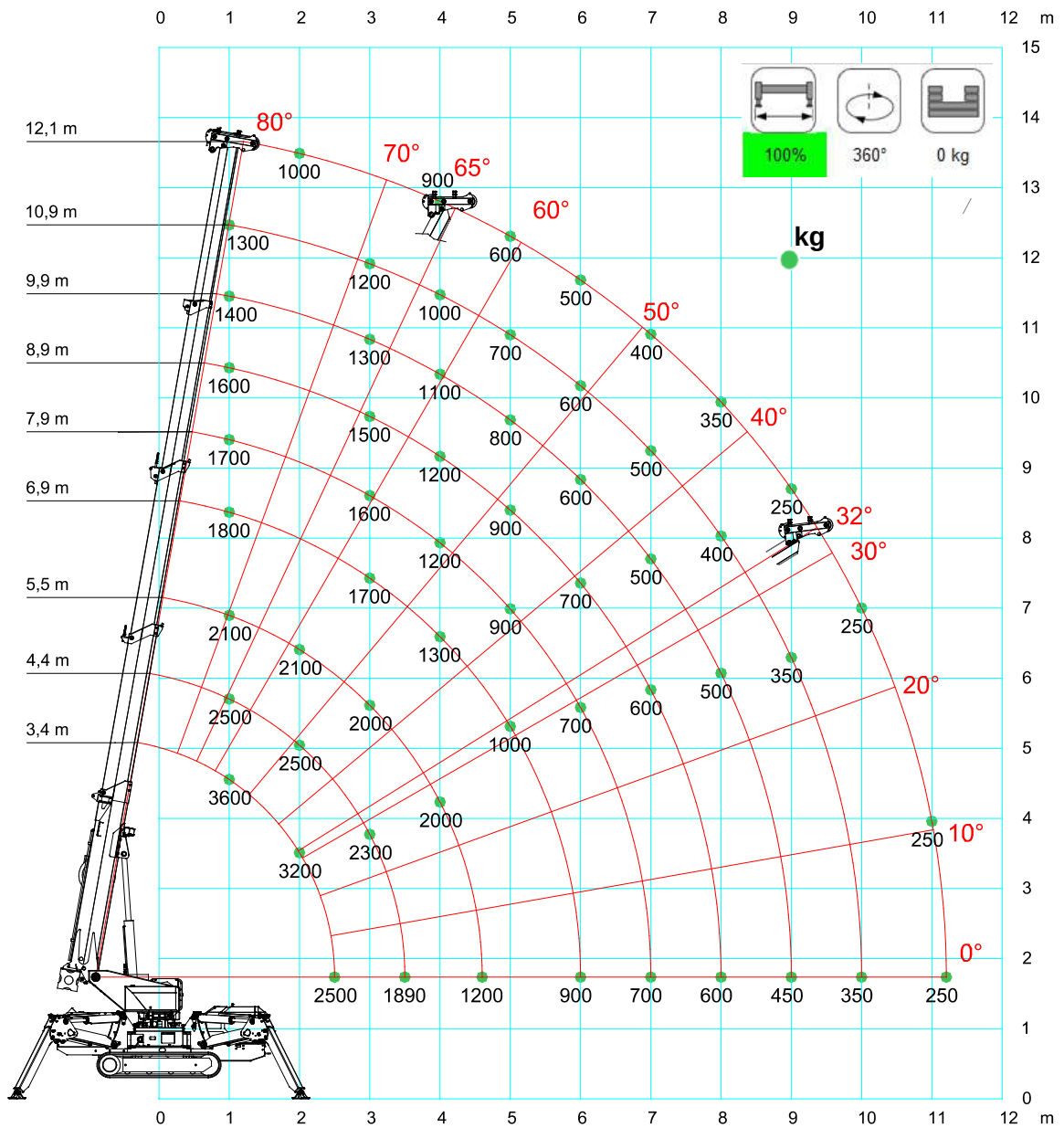
- ¹: Dry weight
²: Engine working limit
³: Static lifting

ENGINE		KUBOTA D1105-E3B	
		18,5kW 25HP	
		DIESEL	
		L	20
HYDRAULIC		ISO 6743-4:HFDU with VG46 viscosity class	
		Working temp	<70°C
		L	55
MOVEMENTS		km/h	2,0
		25° (47%)²	
		kg/cm²	0,53
		kg	2700³
		-2°/80°	
		s	35
		360°	
		rpm	1,0
		m	3,4 - 12,1
		s	40

HOIST PERFORMANCE	Winch	Layer	Max line pull	Standard rope speed	Highest rope speed
			kg	m/min	m/min
		1	1371 ¹	34,4	N/A
		2	1257 ¹	37,5	N/A
		3	1161 ¹	40,6	N/A
	Rope	Wire rope	Ø	Total lenght	Max load
			mm	m	kg
		19x7 right lang lay Non rotating	8	60	5435
	Hook block	Load	N° of		Block type
		kg	Sheaves	Lines	
		3600	2	4	Multiple fall block
		2700	2	3	
		1800	1	2	
		900	-	1	Single fall block

¹:LMI limited at 900 kg

SPX536CDH-2 – MAIN BOOM



[m] [kg]										
	MAIN BOOM	100%	360°	0kg						
	3,4	4,4	5,5	6,2	6,9	7,9	8,9	9,9	10,9	12,1
1,0	3600*	2500	2100	1900	1800	1700	1600	1400	1300	1000
1,8	3600*	2500	2100	1900	1700	1600	1600	1400	1300	1000
2,1	3200*	2400	2100	1900	1700	1600	1600	1400	1300	1000
2,3	3000*	2400	2100	1900	1700	1600	1600	1400	1300	1000
2,4	2500	2300	2100	1900	1700	1600	1600	1400	1300	1000
2,5	2500	2300	2000	1800	1700	1600	1500	1400	1300	1000
3,0		2300	2000	1800	1700	1600	1500	1300	1200	1000
4,0			1300	1300	1300	1200	1200	1100	1000	900
4,6			1200	1100	1100	1100	1100	1000	900	700
5,0				1000	1000	900	900	800	700	600
6,0					900	700	700	600	600	500
7,0						700	600	500	500	400
8,0							600	500	400	350
9,0								450	350	250
10,0									350	250
11,2										250

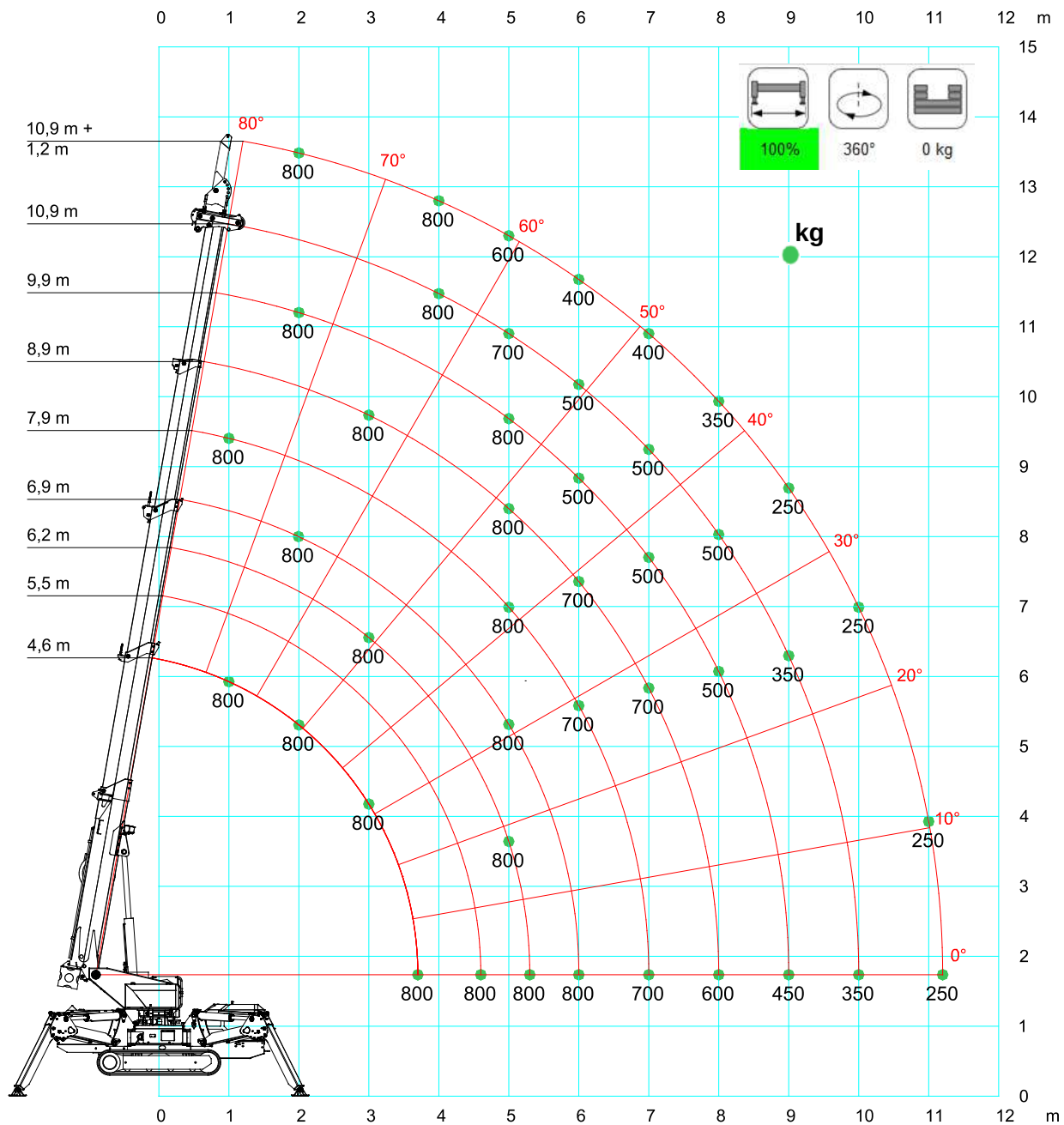
LC527_V306_0418_MAIN_BOOM_STAB_100

*Lifting capacity with boom head setted to 0°.For different angles lifting capacity is reduced to 2700 kg

[m] [kg]		>0km/h icon" data-bbox="411 605 464 642"/>				
	MAIN BOOM	>0km/h	180°	0kg		
	3,4	4,4	5,5			
1,0	300	250	200			
2,0	500	300	200			
2,5	400	250	200			
3,0		200	200			

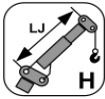
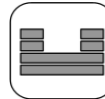
LC527_V302_1016_MAIN_BOOM_CINGOLI

SPX536CDH-2 + JIB800G



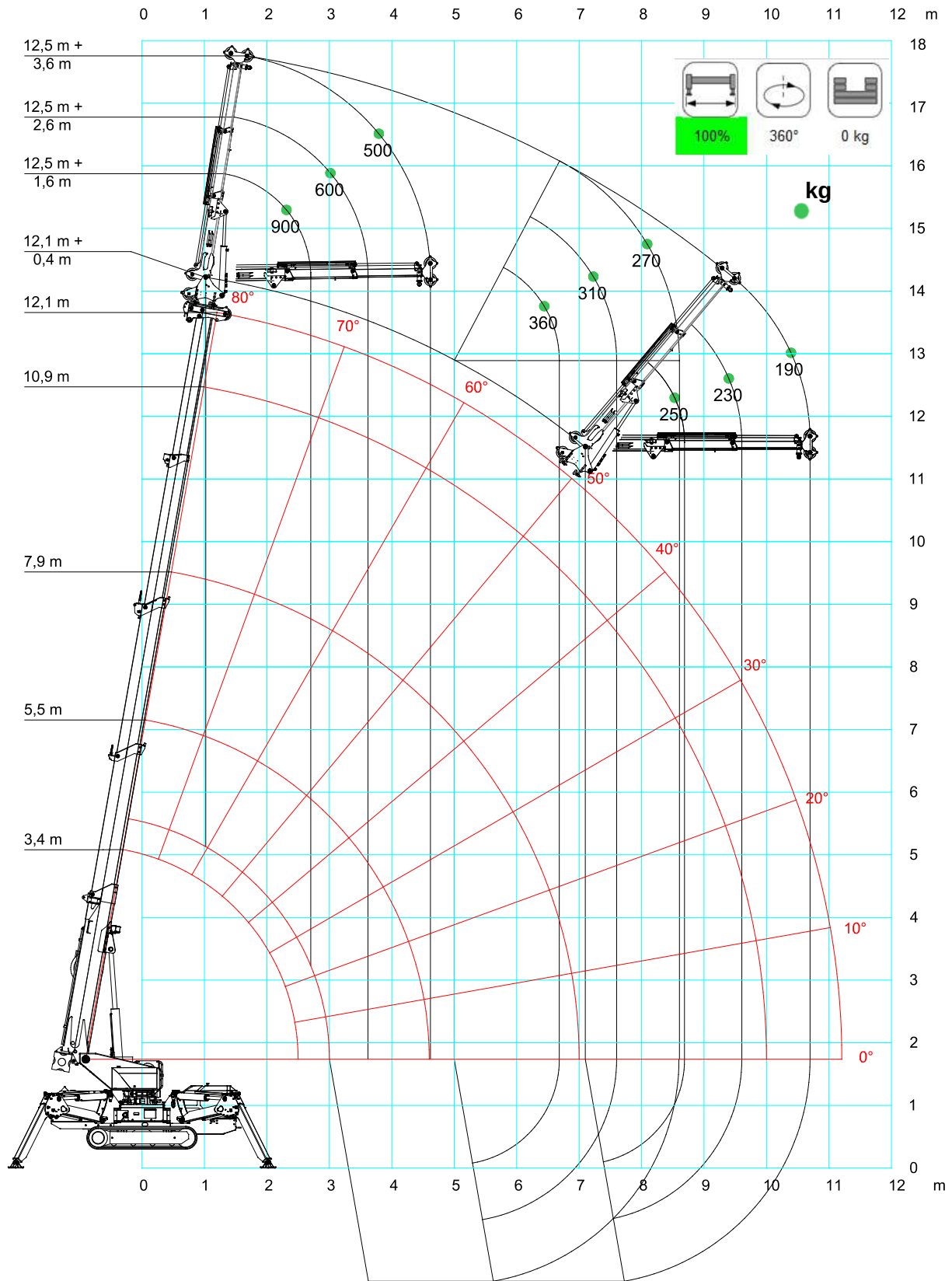
[m] [kg]	 JIB800G	 100%	 360°	 0 kg	 EN				
	4,6	5,5	6,2	6,9	7,9	8,9	9,9	10,9	12,1
1,0	800	800	800	800	800	800	800	800	
2,0	800	800	800	800	800	800	800	800	800
2,5	800	800	800	800	800	800	800	800	800
3,0	800	800	800	800	800	800	800	800	800
4,0		800	800	800	800	800	800	800	800
4,6		800	800	800	800	800	800	800	700
5,0			800	800	800	800	800	700	600
6,0				800	700	700	600	600	500
7,0					700	700	500	500	400
8,0						600	500	500	350
9,0							450	350	250
10,0								350	250
11,2									250

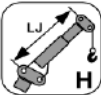
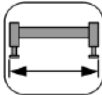
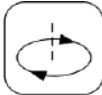
LC527_V302_1016_JIB800G_STAB_100

[m] [kg]	 JIB800G	>0km/h icon" data-bbox="428 584 494 628"/> >0km/h	 0°-180°	 0 kg	 EN
	4,6	5,0			
1,0	200	100			
3,9	200	100			

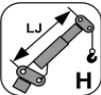
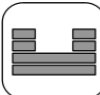
LC527_V302_1016_JIB800G_CINGOLI

SPX536CDH-2 + JIB600.2H



[m] [kg]	 JIB600. 2H	 100%	 360°	 0kg	 EN
	1,6	2,1	2,6	3,1	3,6
1,0	900	600	600	520	500
2,0	900	600	600	520	500
3,0	900	600	600	520	450
4,0	600	550	470	420	380
5,0	360	330	310	290	270
6,0	250	240	230	210	190
7,1	250	240	230	210	190

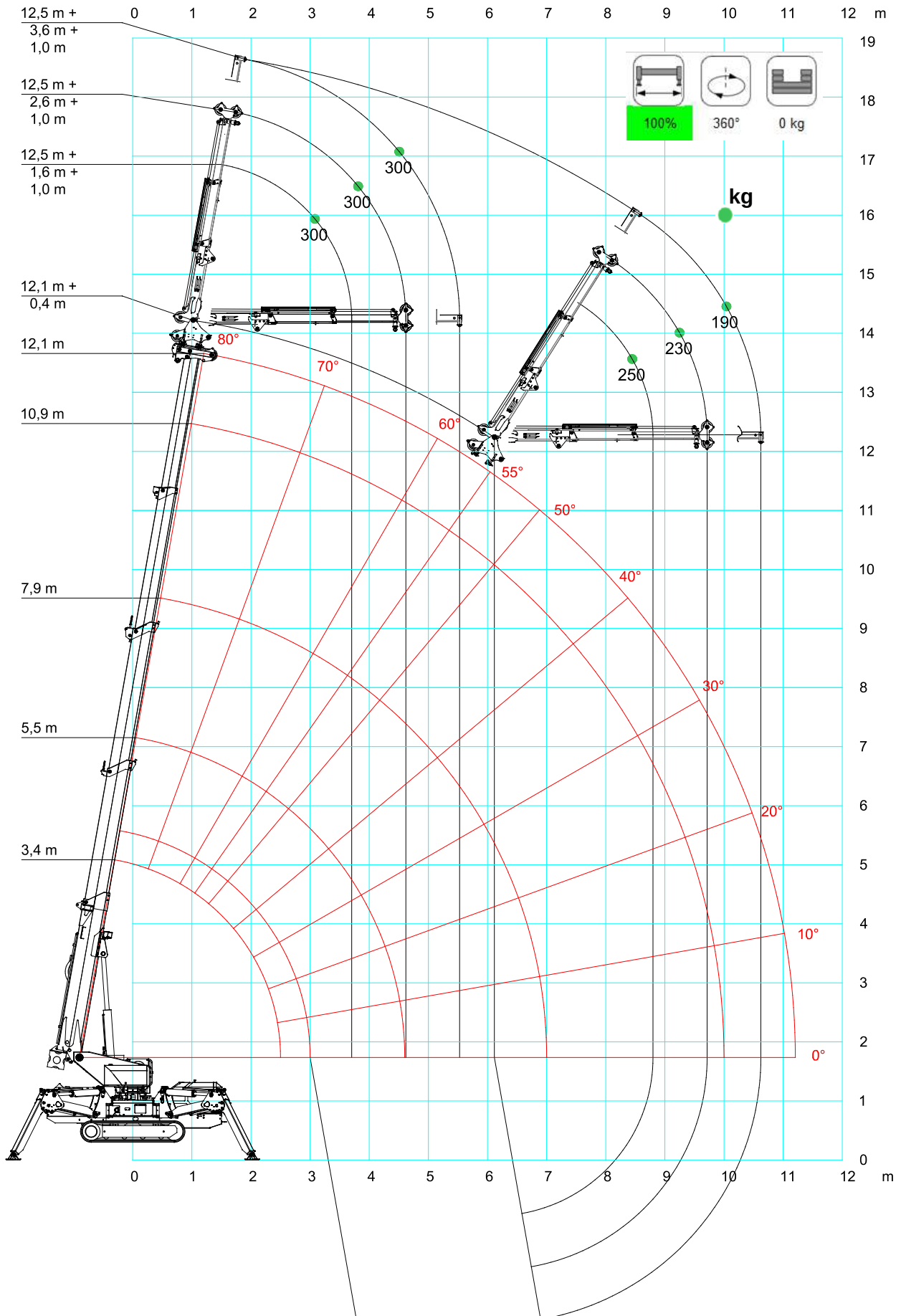
LC527_V306_0418_JIB600H_STAB_100

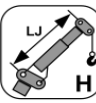
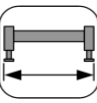
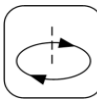
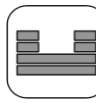
[m] [kg]	 JIB600. 2H	>0km/h icon" data-bbox="422 502 485 544"/> >0km/h	 0°-180°	 0kg	 EN
	1,6	1,8			
2,0	200	100			
3,2	200	100			

LC527_V302_1016_JIB600H_CINGOLI

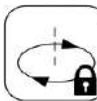
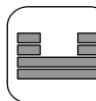
The first column refers to the distance of the jib centre of rotation from 0 on x axis.

SPX536CDH-2 + JIB600.2H+Stinger



[m] [kg]					
	JIB600.2H + STINGER	100%	360°	0kg	
	2,6	3,1	3,6	4,1	4,6
1,0	300	300	300	300	300
2,0	300	300	300	300	300
3,0	300	300	300	300	300
4,0	300	300	300	300	300
5,0	300	300	300	290	270
6,1	250	240	230	210	190

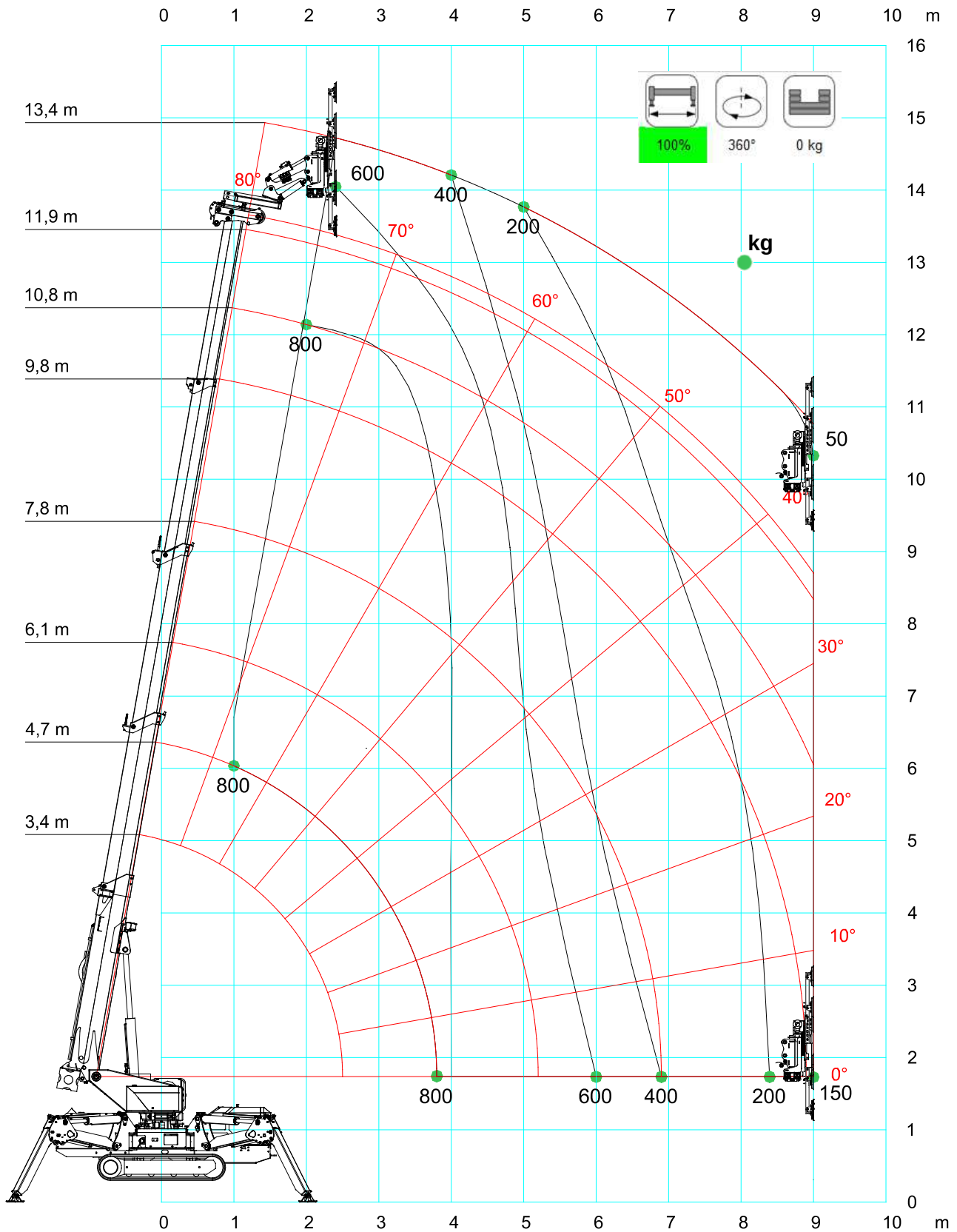
LC527_V302_1016_JIB_STINGER_STAB_100

[m] [kg]		>0km/h extension diagram" data-bbox="425 517 485 562"/>			
	JIB600.2H + STINGER	>0km/h	0°-180°	0kg	
	2,6	2,8			
2,0	200	100			
3,2	200	100			

LC527_V302_1016_JIB_STINGER_CINGOLO

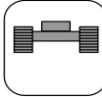
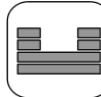
The first column refers to the distance of the jib centre of rotation from 0 on x axis.

SPX536CDH-2 + MR800.4-6+4P



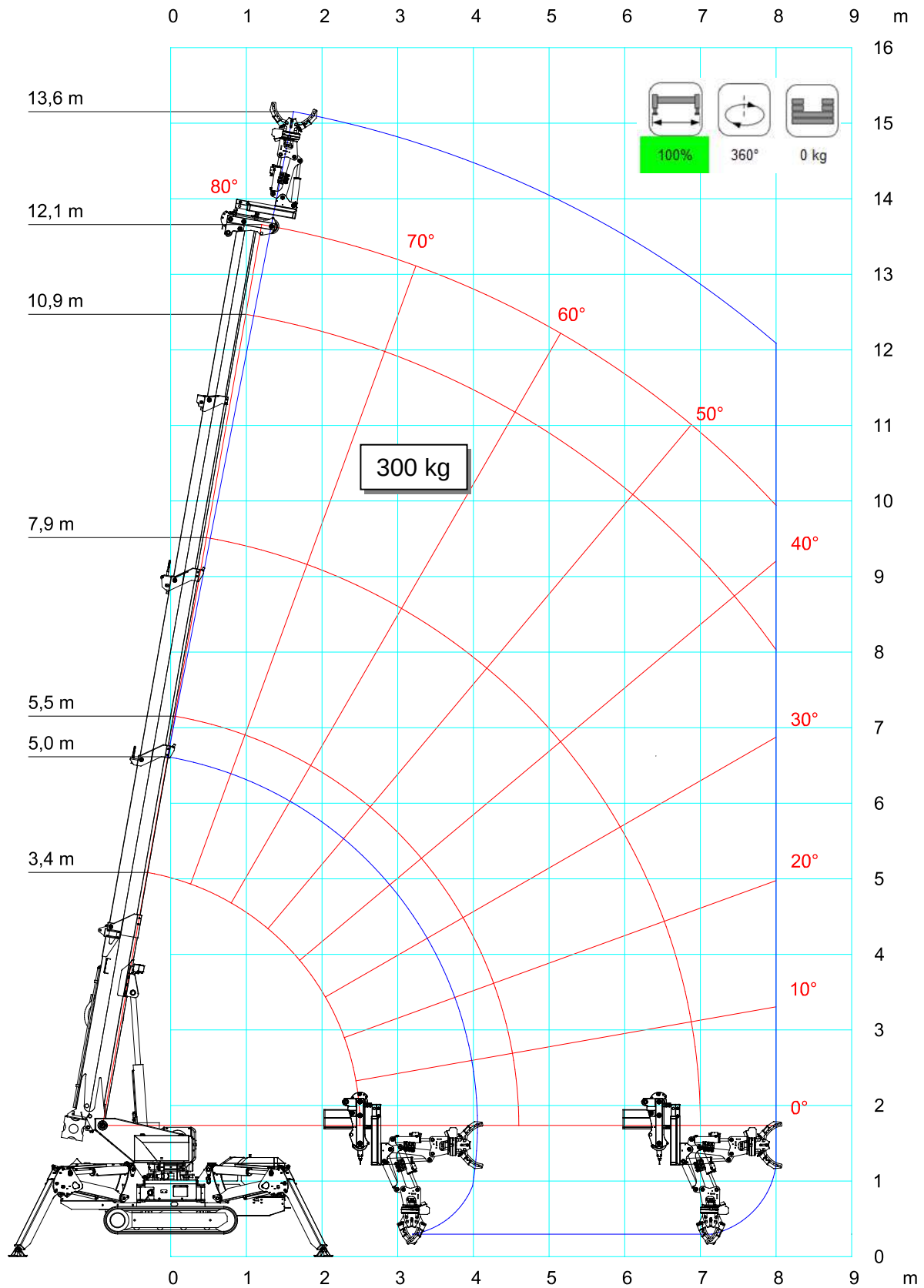
[m] [kg]	 MR800.4-6+4P	 100%	 360°	 0kg	EN					
	4,7	5,4	6,1	6,8	7,8	8,8	9,8	10,8	11,9	13,4
1,0	800	800								
2,0	800	800	800	800	800	800	800	800	700	500
2,5	800	800	800	800	800	800	800	800	700	500
3,0	800	800	800	800	800	800	800	800	700	500
4,0		800	800	800	800	800	800	700	600	400
4,6			800	800	800	800	700	600	400	300
5,0			700	700	600	600	500	400	300	200
6,0			600	600	400	400	300	300	200	100
7,0					400	300	200	200	100	50
8,0						300	200	100	50	50
9,0							150	50	50	50

LC527_V302_1016_MR800_STAB_100

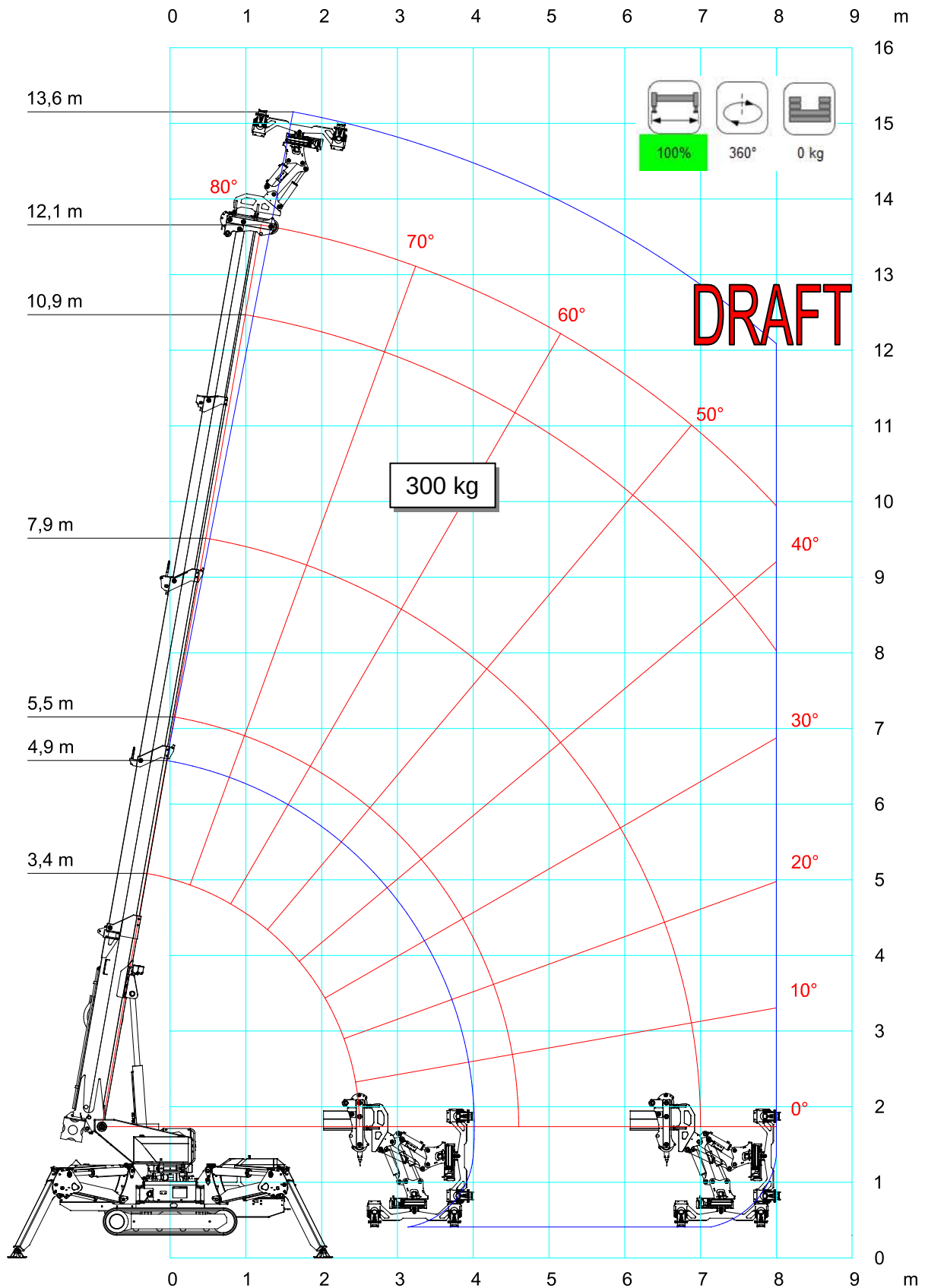
[m] [kg]	 MR800.4-6+4P	 >0km/h	 0°-180°	 0kg	 EN
	4,7	5,3			
1,0	200	100			
2,0	200	100			
2,6	200	100			
3,0	200	100			
4,0	200	100			
5,0	200	100			

LC527_V302_1016_MR800_CINGOLI

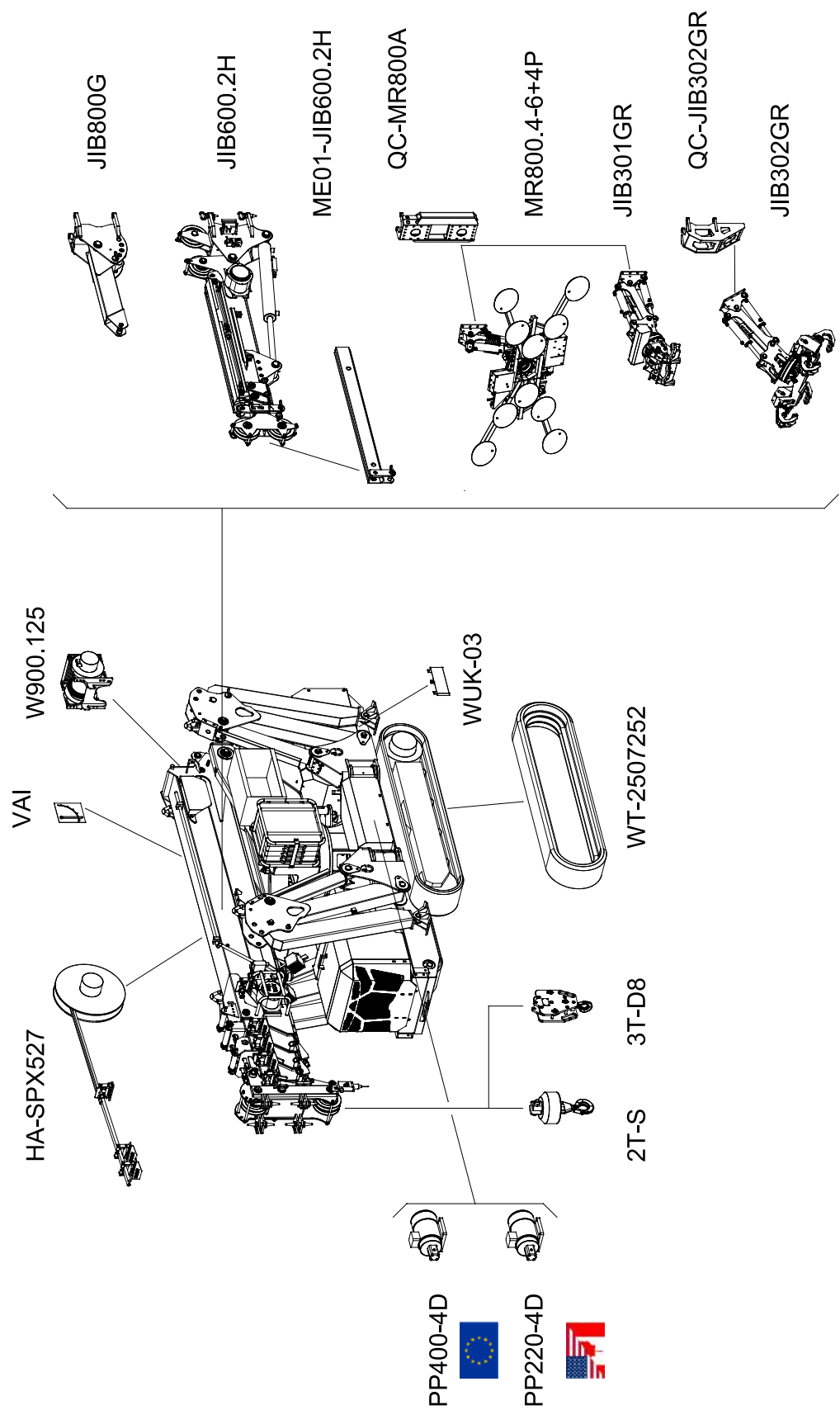
SPX536CDH-2 + JIB301GR



SPX536CDH-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

18°

36°

54°

72°

800 kg

795

JIB 600.2H

3600

1600

1000

1000

20°

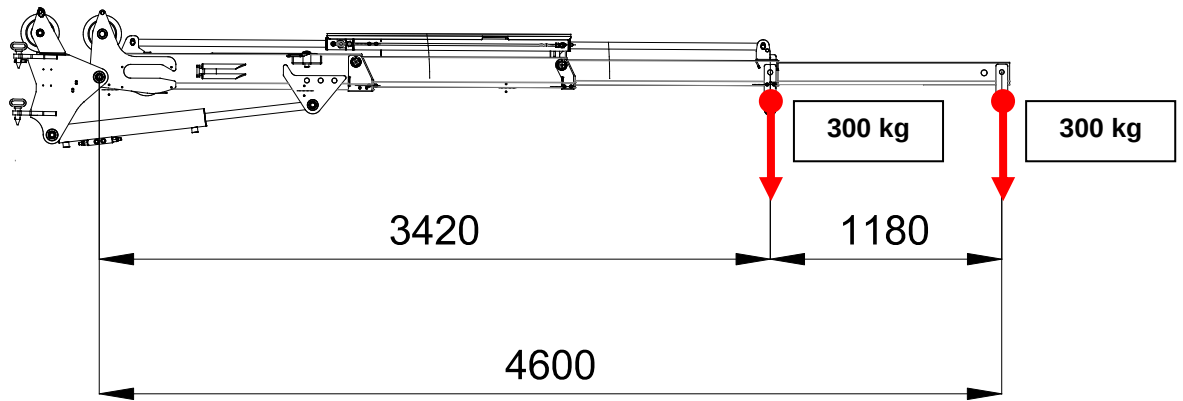


900 kg

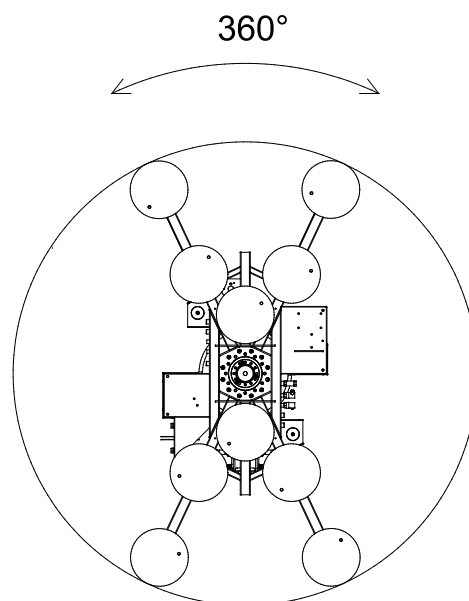
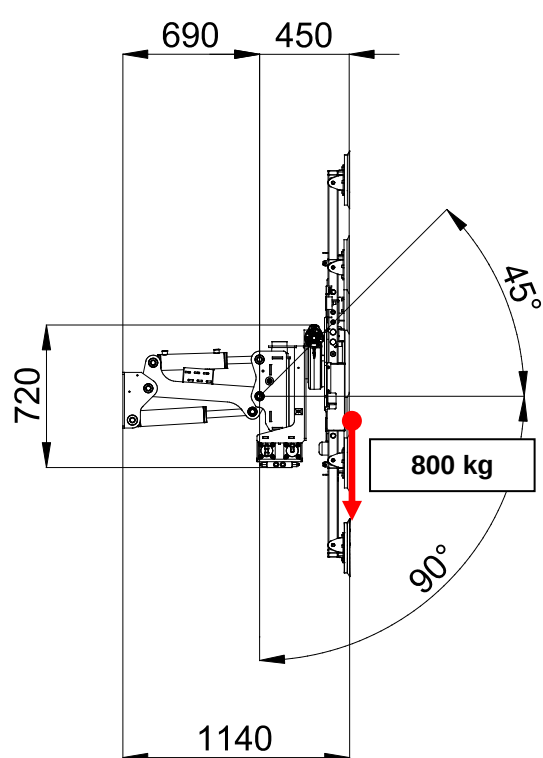
600 kg

500 kg

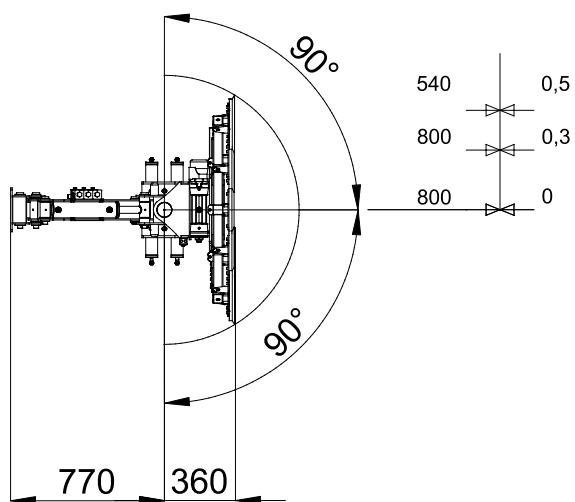
JIB 600.2H + STINGER



MR800.4-6+4P



kg m



	6	10	n°
	540	800	kg
	270	400	kg

Technical drawing of the KUKA KR 1000 R3.1 robot arm. The drawing includes a side view showing the arm's reach and a top view showing the base dimensions. The side view indicates a maximum reach of 1275 mm, with a 19° angle between the base and the first joint, a 68° angle between the first and second joints, and a 45° angle between the second and third joints. The top view shows a base width of 1275 mm, with a 125 mm offset from the left edge to the center of the first joint, and a 560 mm distance between the centers of the first and second joints. A 590 mm distance is shown from the center of the second joint to the end effector. A 360° rotation is indicated for the end effector. The maximum load capacity is 300 kg.

Technical drawing of the KUKA KR 1000 robot arm showing dimensions and load capacity. The drawing includes a top view of the arm's reach, a side view of the arm's height, and a detail of the end effector's load capacity.

Dimensions:

- Top view reach: 108°, 96°, 105°
- Side view height: 205, 475, 515, 1195
- End effector load capacity: 300 kg

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

Remarks referring to load chart

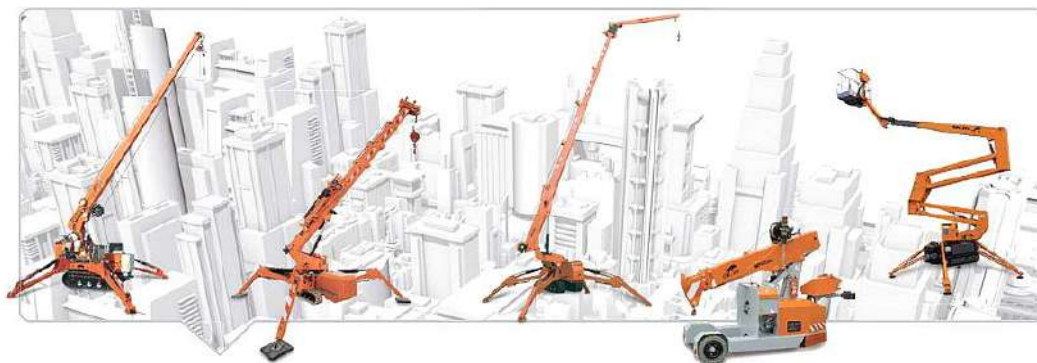
- The load charts are calculated according to EN 13000.
- For the calculation of the load charts at least a wind speed of 9m/s (33km/h) and regarding the load a sail area of 1m² per ton load and a wind resistance coefficient of 1.2 on the load have been taken into account. For lifting of loads with large 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 mesured 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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