



Technical Data

Specification & Capacities



SPX536CDH-2

S.N:



18,5kW/25,0Hp



3,4-12,1m



3600kg



EN 13000

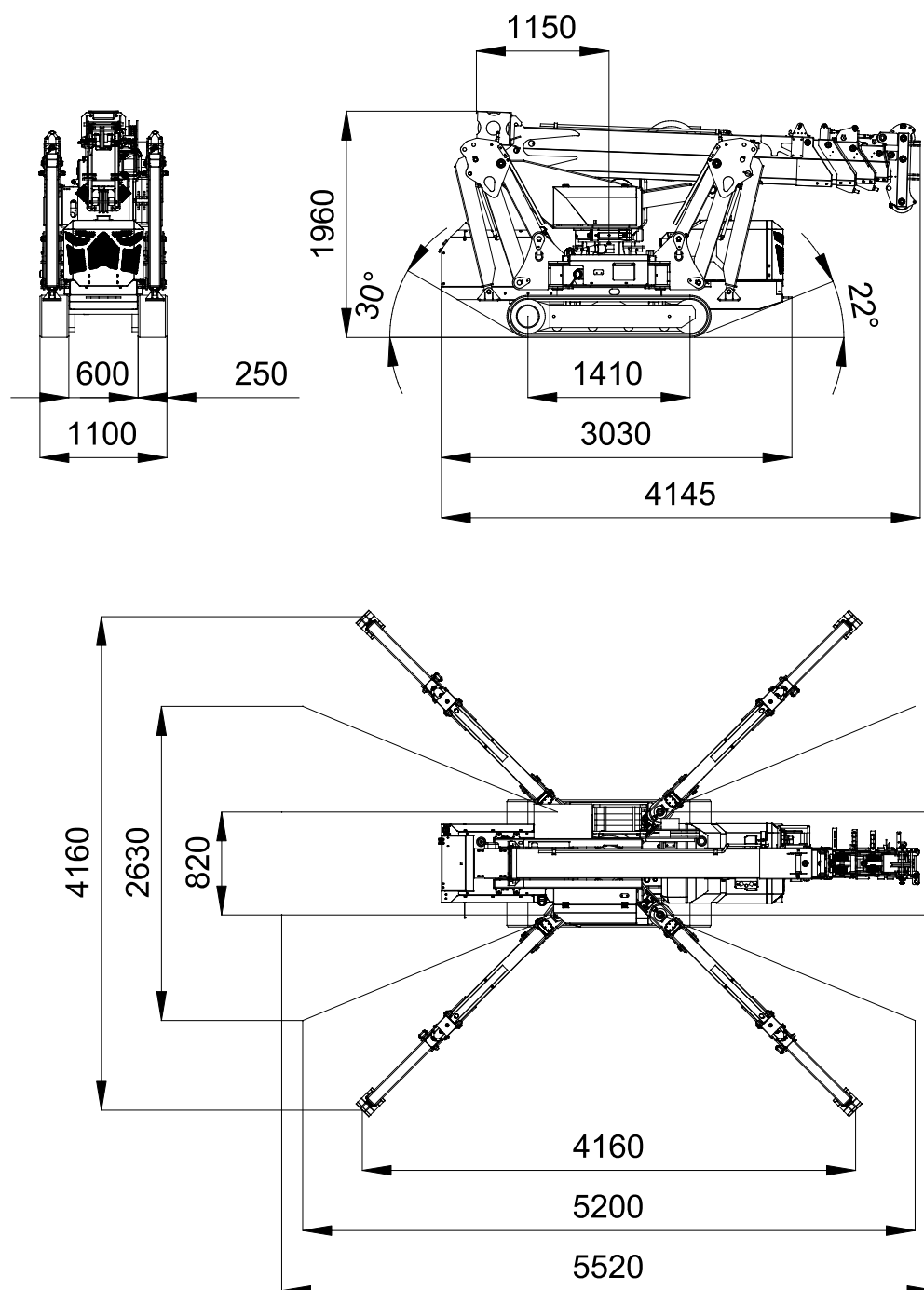
[m] [kg]



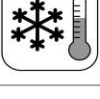
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Date	Jan. 16th 2019
REV.	1

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)
	600.1M ⁴	98
	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
⁴: Discontinued

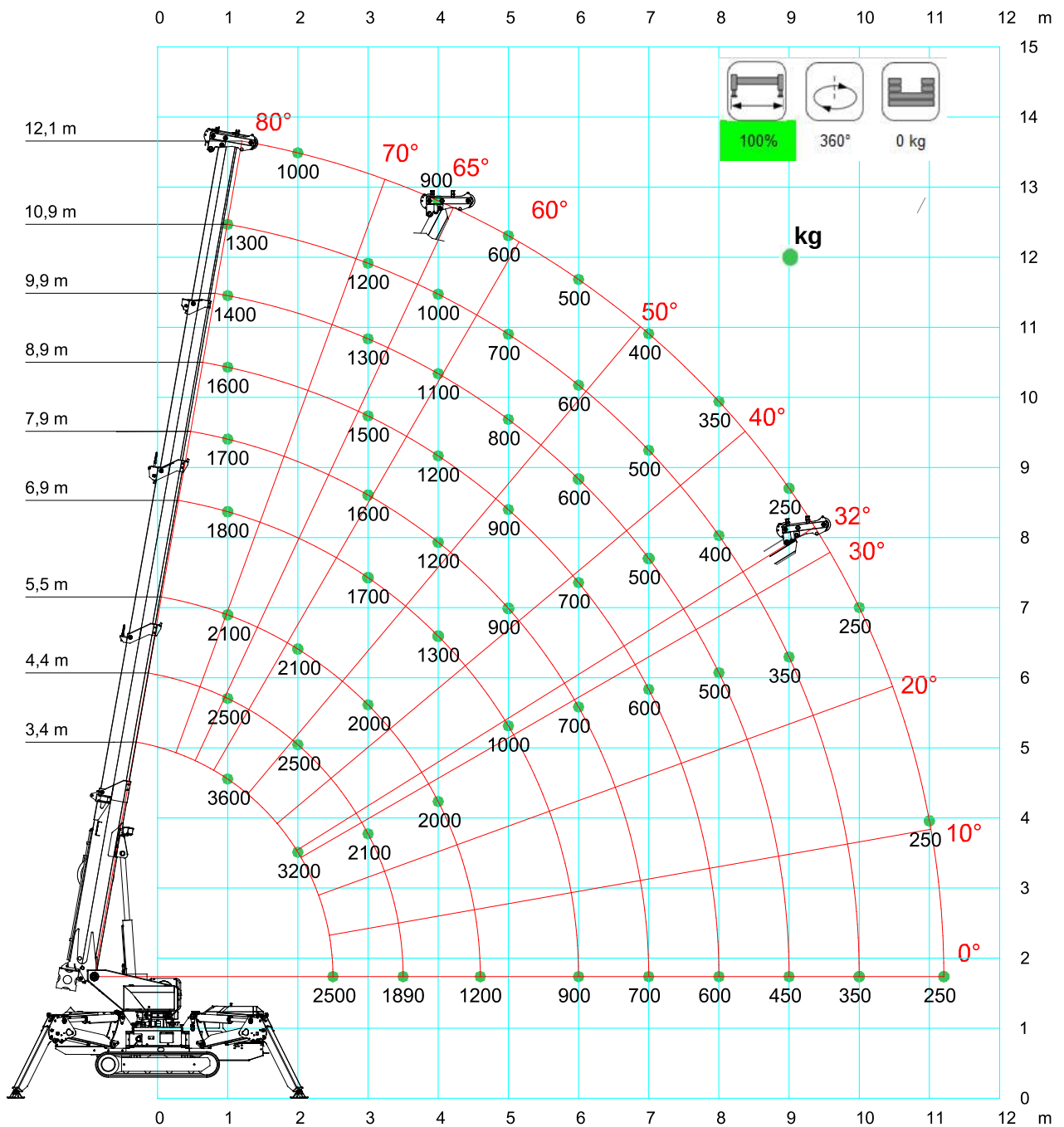
ENGINE

	KUBOTA D1105-E3B	
	18,5kW 25HP	
	DIESEL	
		20
	ISO 6743-4:HFDU with VG46 viscosity class	
	Working temp	<70°C
	L	55
	km/h	2,0
	25° (47%) ²	
	kg/cm ²	0,53
	kg	2700 ³
	-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]					EN					
	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		2100	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

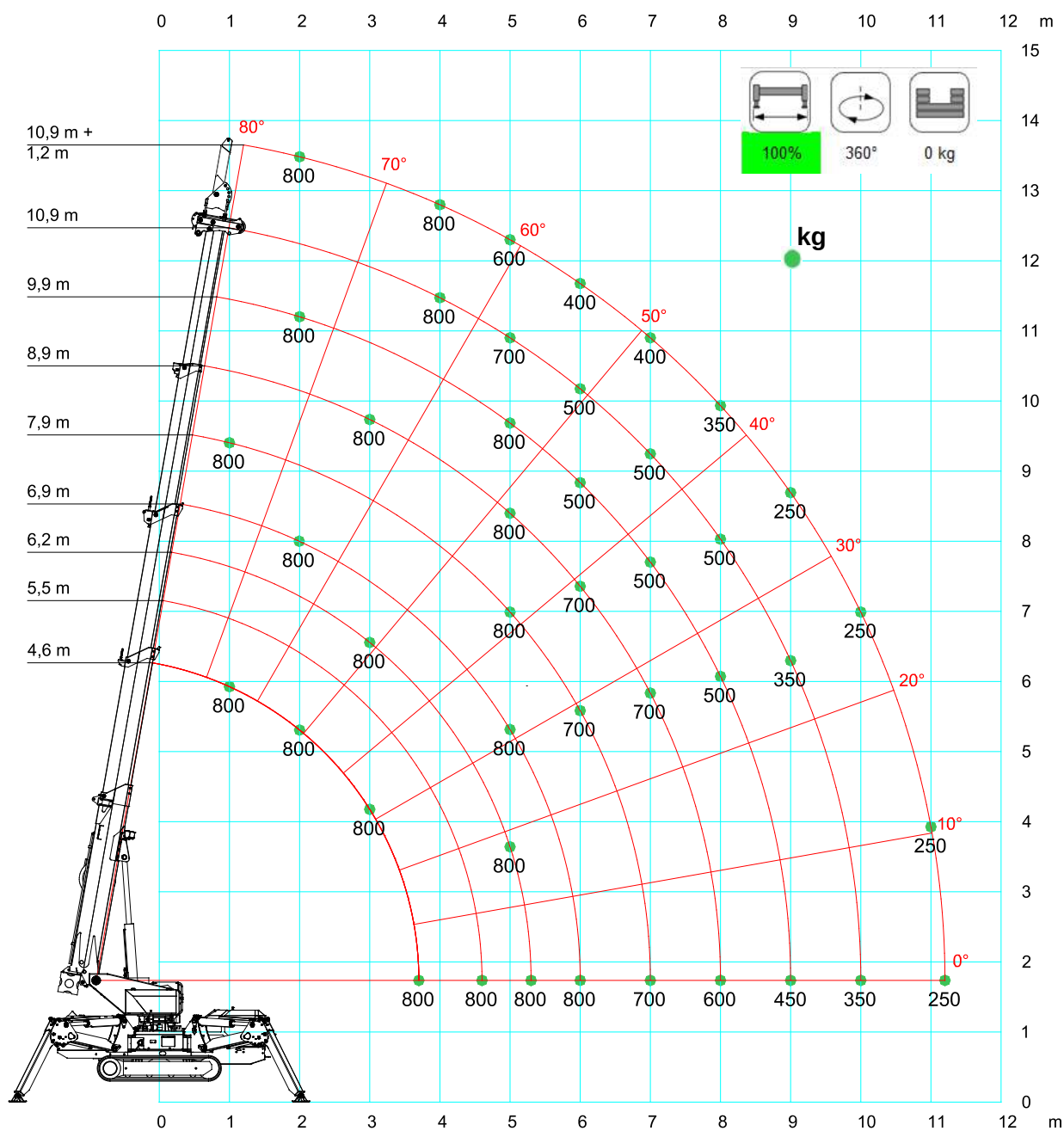
LC527_V306_0418_MAIN_BOOM_STAB_100

*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="412 665 462 699"/>			EN	
	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			

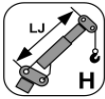
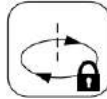
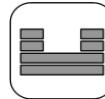
LC527_V302_1016_MAIN_BOOM_CINGOLI

SPX536CDH-2 + JIB800G



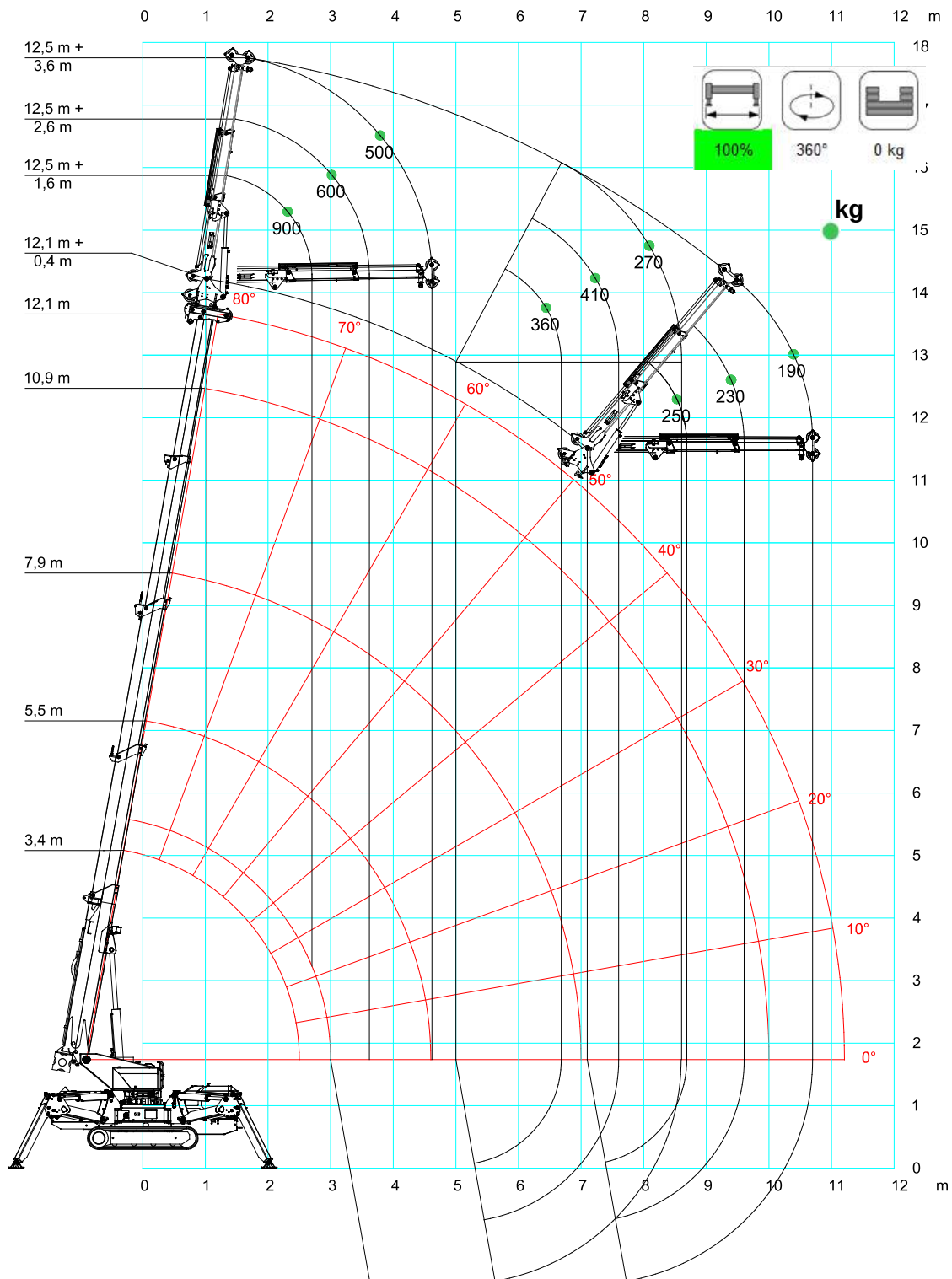
[m] [kg]					EN				
	JIB800G	100%	360°	0 kg					
	4,6	5,5	6,2	6,9	7,9	8,9	9,9	10,9	12,1
1,0	800	800	800	800	800	800	800	800	
2,0	800	800	800	800	800	800	800	800	800
2,5	800	800	800	800	800	800	800	800	800
3,0	800	800	800	800	800	800	800	800	800
4,0		800	800	800	800	800	800	800	800
4,6		800	800	800	800	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

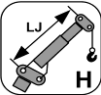
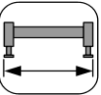
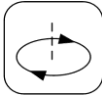
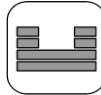
LC527_V302_1016_JIB800G_STAB_100

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

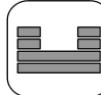
LC527_V302_1016_JIB800G_CINGOLI

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

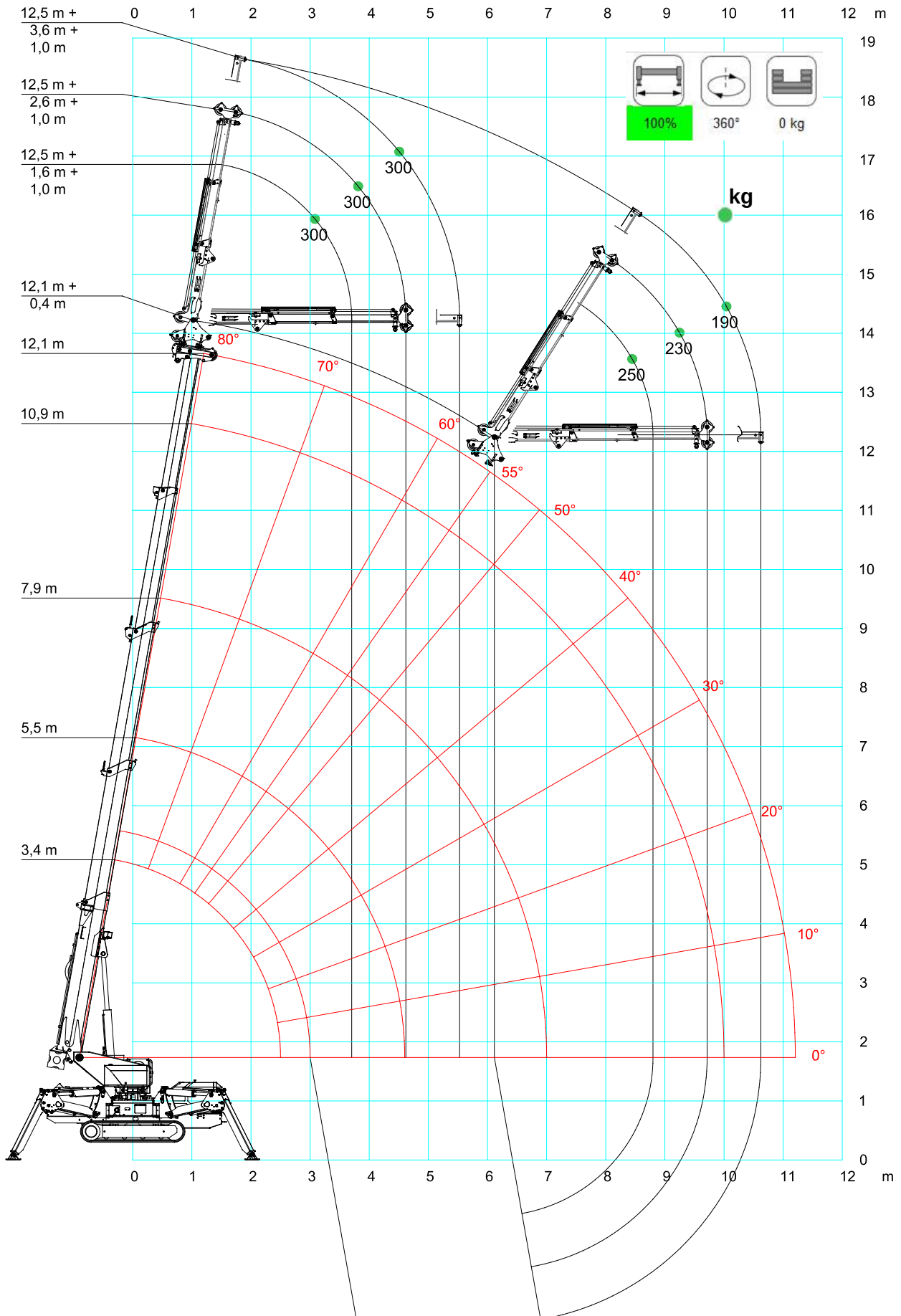
LC527_V306_0418_JIB600H_STAB_100

[m] [kg]	 JIB600. 2H	>0km/h diagram" data-bbox="425 503 488 545"/> >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

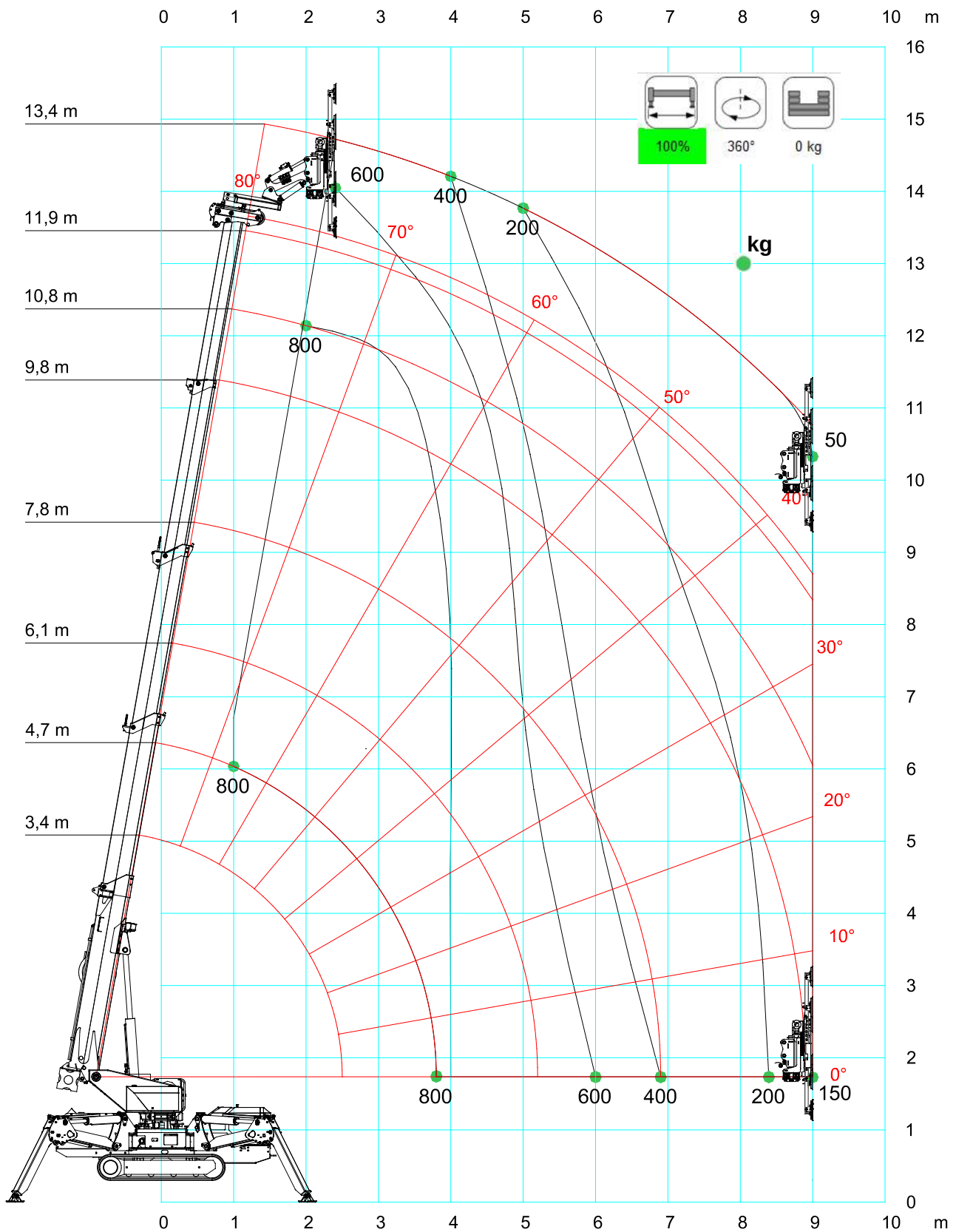
LC527_V302_1016_JIB_STINGER_STAB_100

[m] [kg]		>0km/h speed diagram" data-bbox="425 522 485 562"/>			
	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

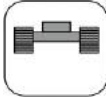
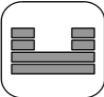
The first column refers to the distance of the jib centre of rotation from 0 on x axis.

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



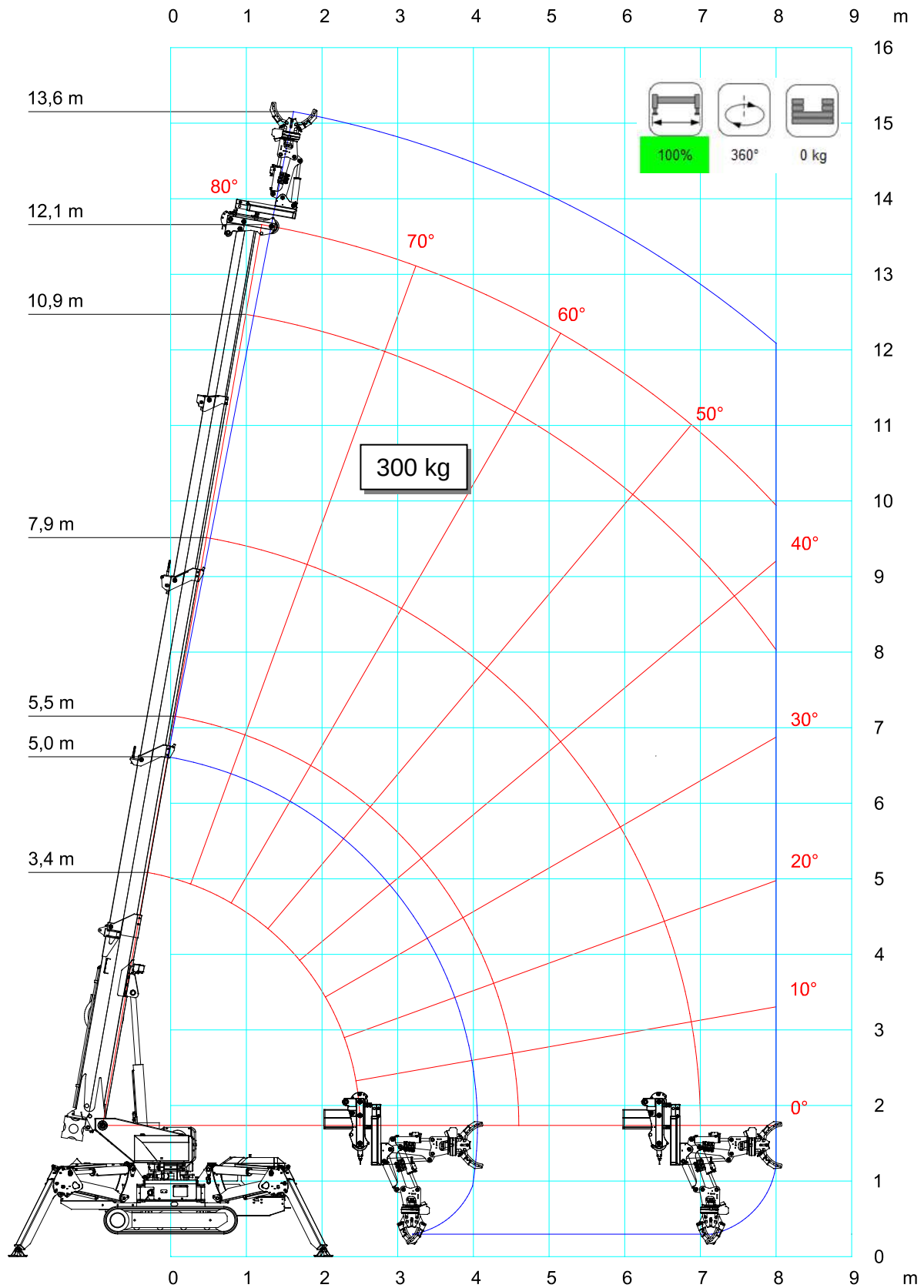
[m] [kg]	 MR800.4-6+4P	 100%	 360°	 0kg	EN					
	4,7	5,4	6,1	6,8	7,8	8,8	9,8	10,8	11,9	13,4
1,0	800	800								
2,0	800	800	800	800	800	800	800	800	700	500
2,5	800	800	800	800	800	800	800	800	700	500
3,0	800	800	800	800	800	800	800	800	700	500
4,0		800	800	800	800	800	800	700	600	400
4,6			800	800	800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

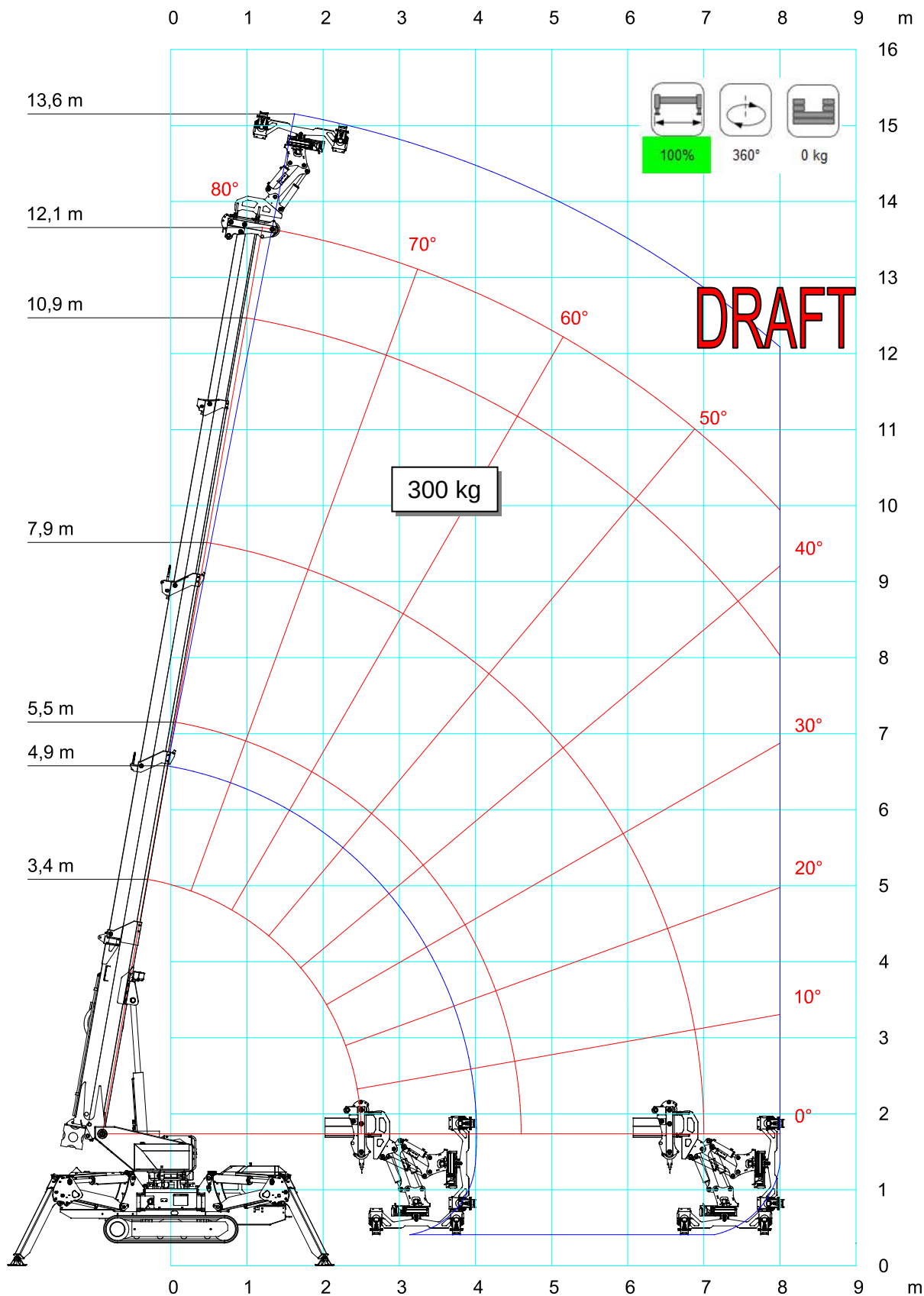
[m] [kg]	 MR800.4-6+4P	 >0km/h	 0°-180°	 0kg	 EN
	4,7	5,3			
1,0	200	100			
2,0	200	100			
2,6	200	100			
3,0	200	100			
4,0	200	100			
5,0	200	100			

LC527_V302_1016_MR800_CINGOLI

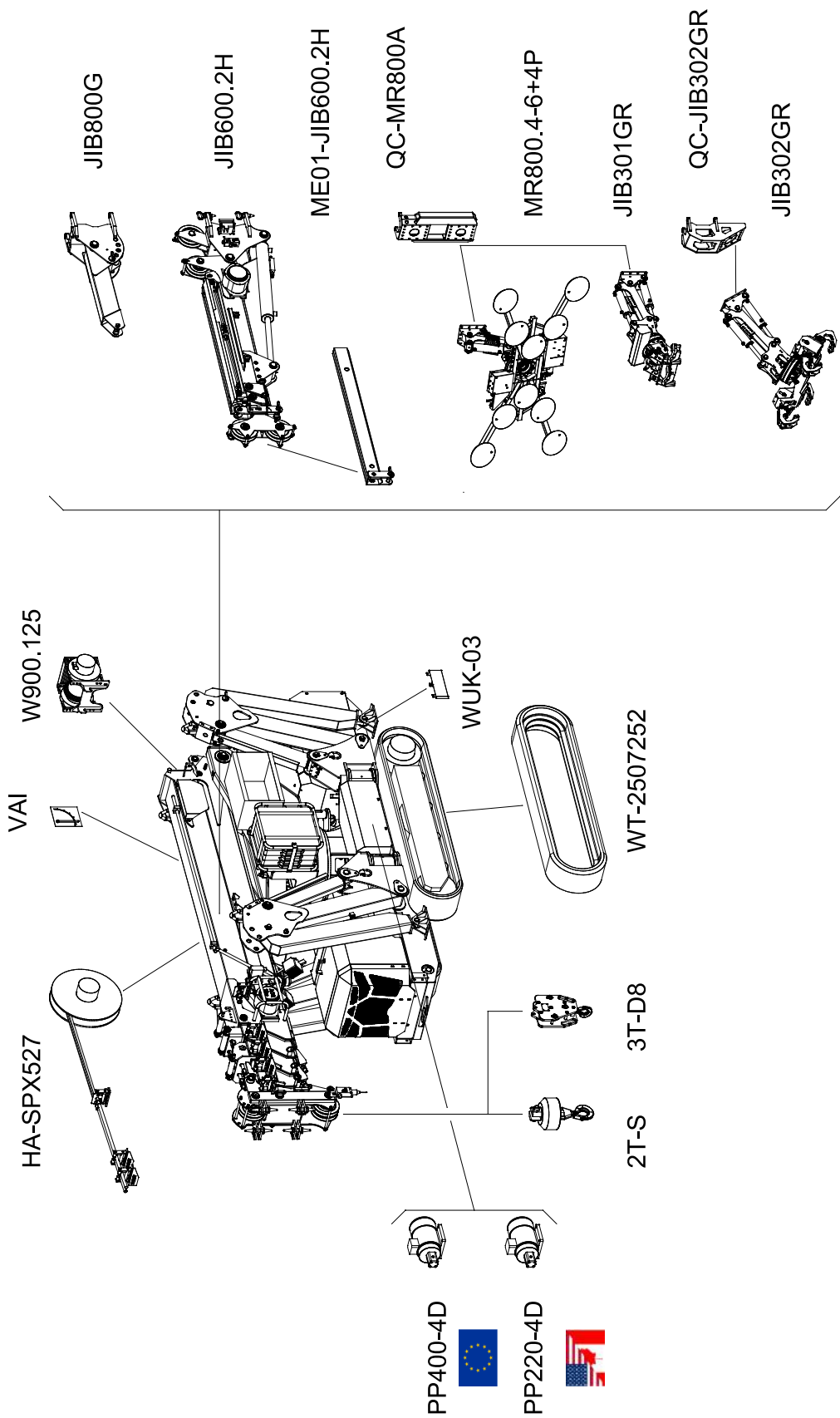
SPX536CDH-2 + JIB301GR



SPX536CDH-2 + JIB302GR



ACCESSORIES

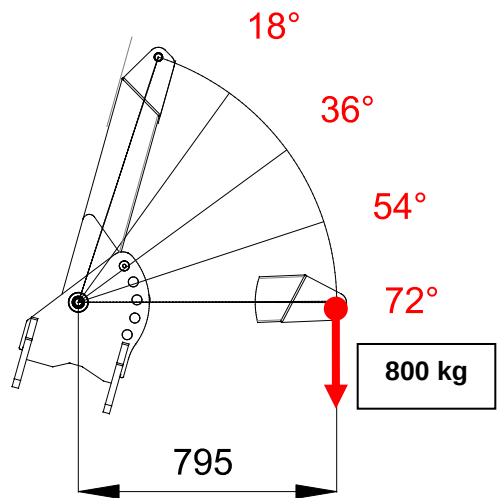


	STD	PC-01	PC-11
Boom, covers and outriggers	RAL2004	RAL____	RAL____
Chassis, frames and tanks	RAL7021	RAL7021	RAL____

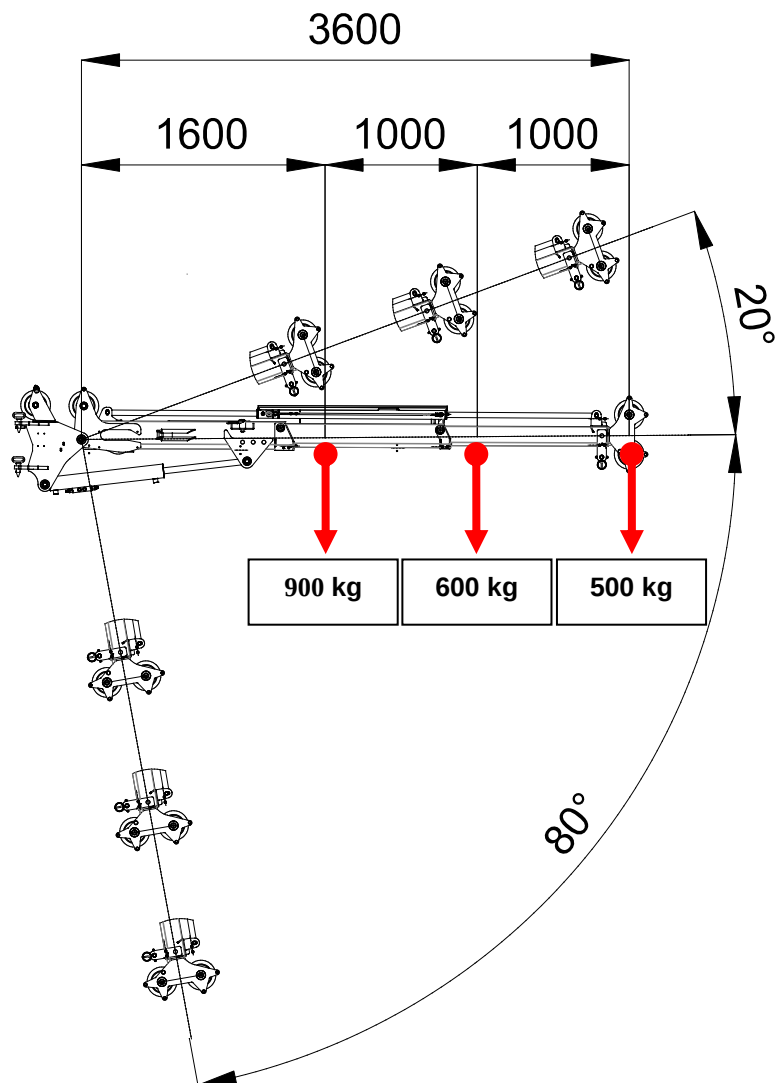
ACCESSORIES FEATURES

JIB 800G

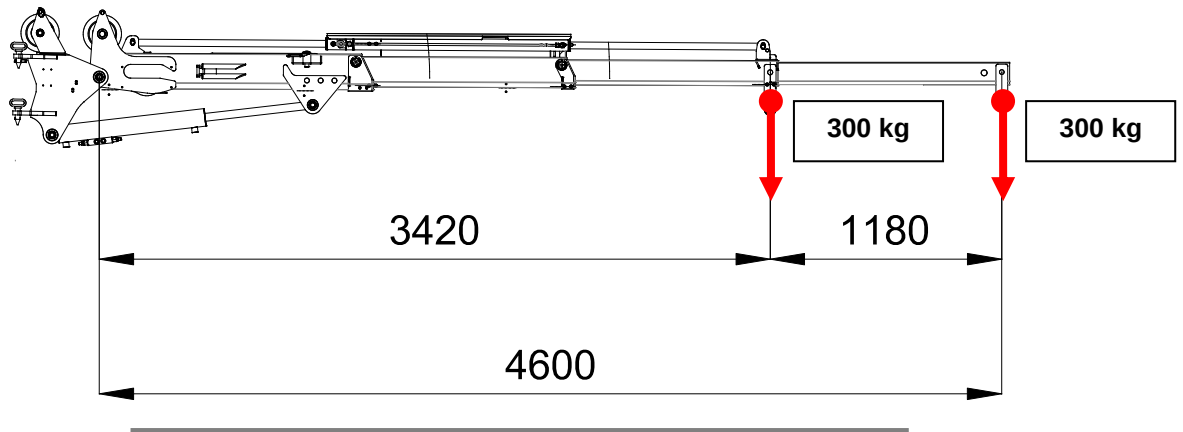
0°



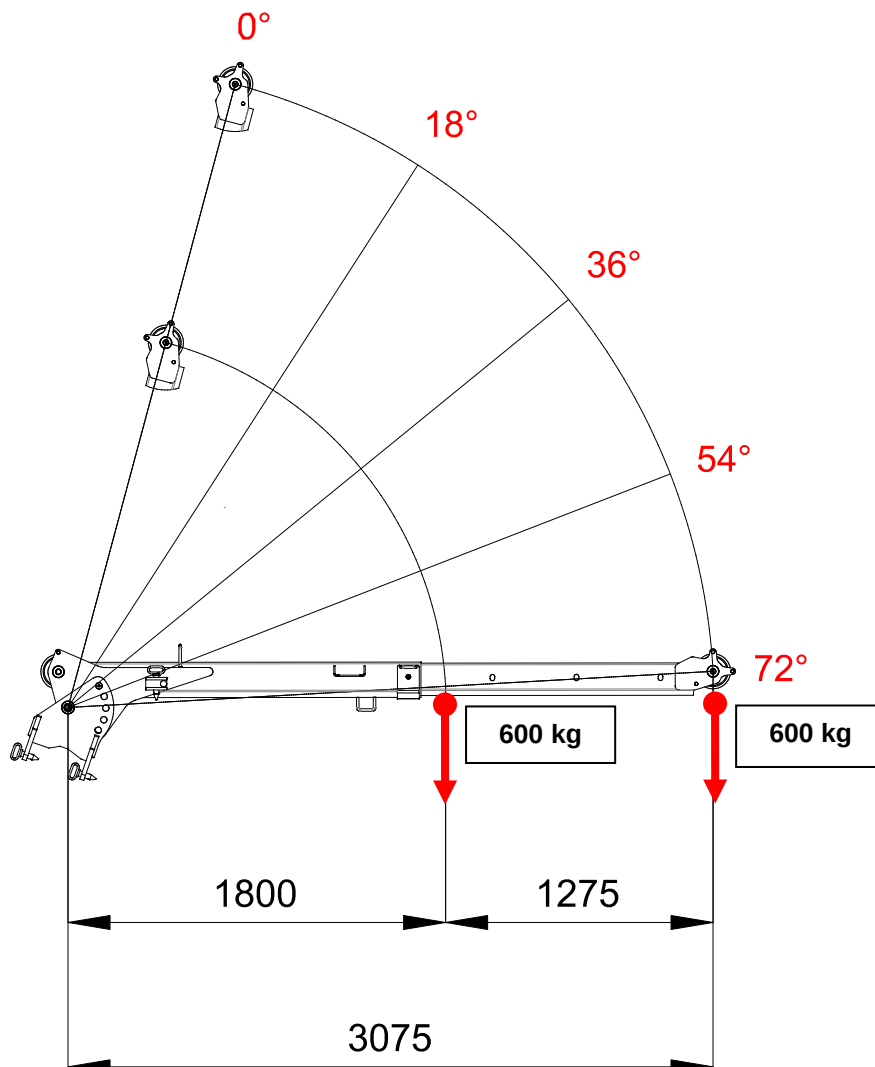
JIB 600.2H



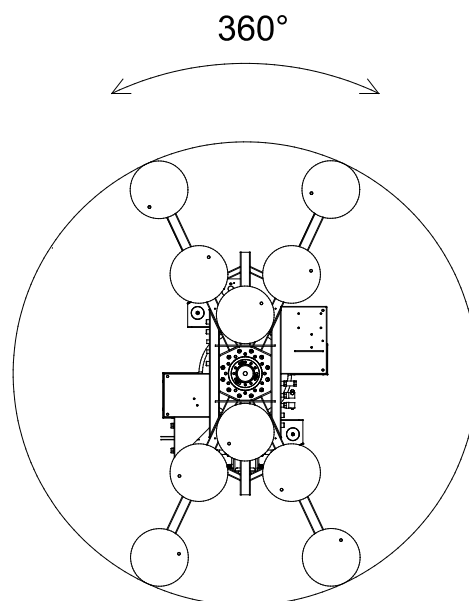
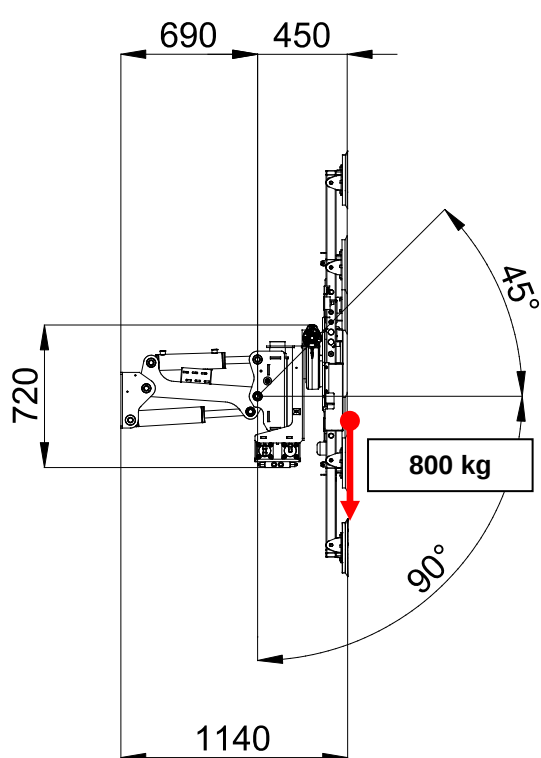
JIB 600.2H + STINGER



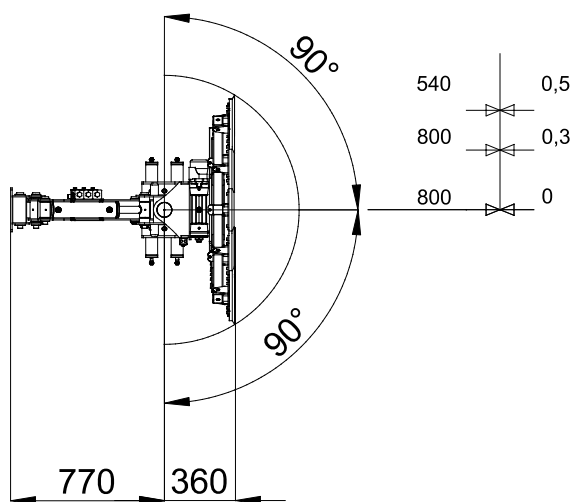
JIB 600.1M



MR800.4-6+4P

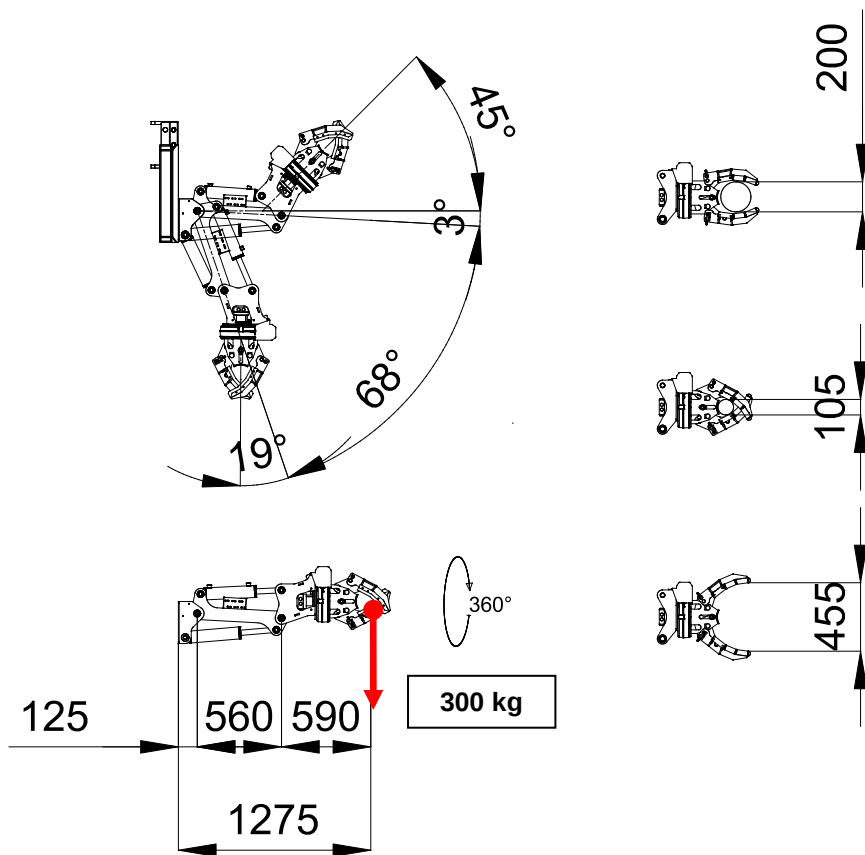


kg m

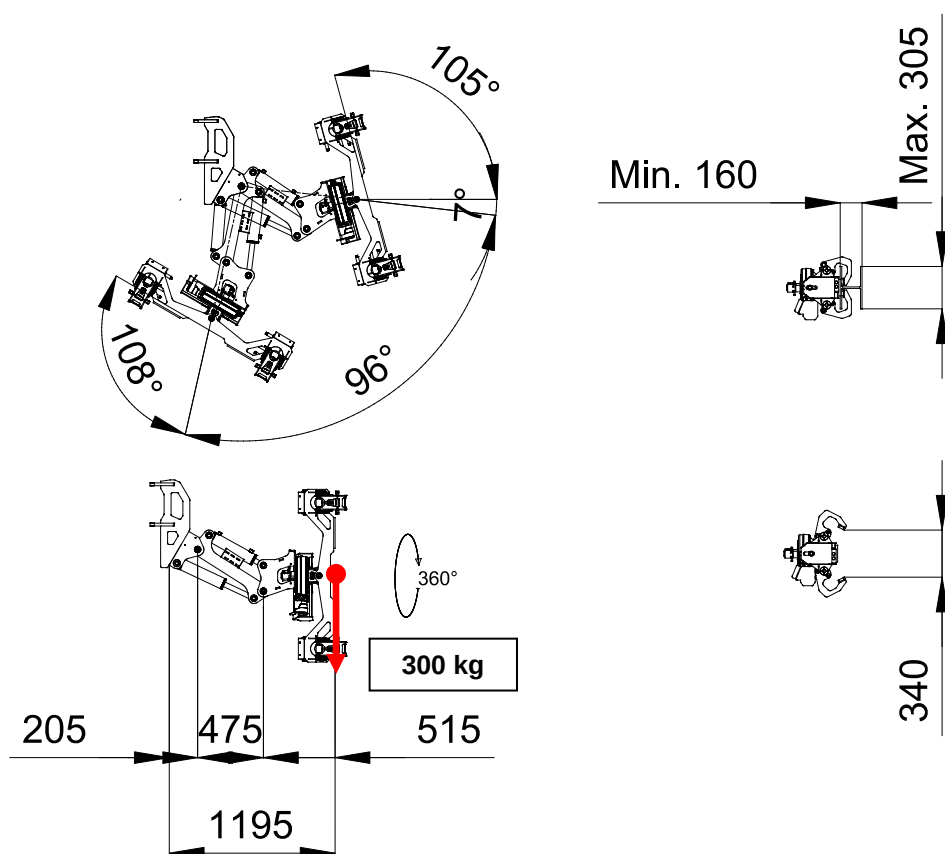


	6	10	n°
	540	800	kg
	270	400	kg

JIB301GR



JIB302GR



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

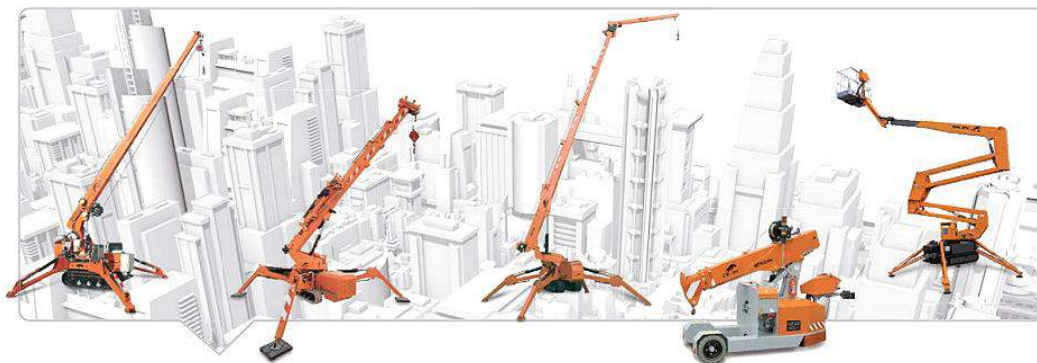
- The load charts are calculated according to EN 13000.
- For the calculation of the load charts at least a wind speed of 9m/s (33km/h) and regarding the load a sail area of 1m² per ton load and a wind resistance coefficient of 1.2 on the load have been taken into account. For lifting of loads with large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