Technical Data

Specification & Capacities

SPX312

S.N: _____

CP: 7,6kW/10,4Hp

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

2,2 - 7,6m

1200kg

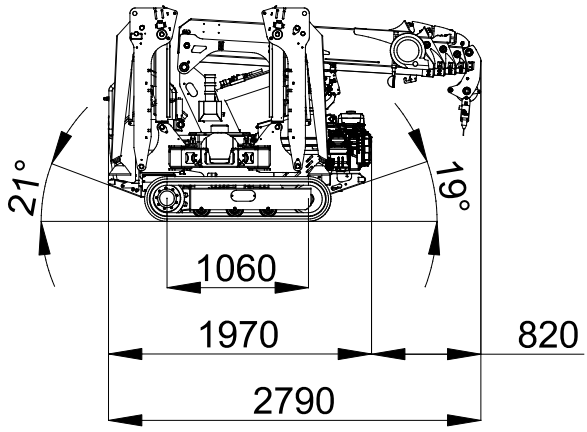
[m] [kg]

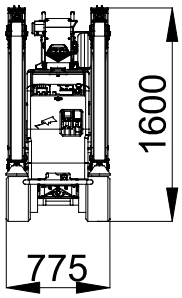
CE

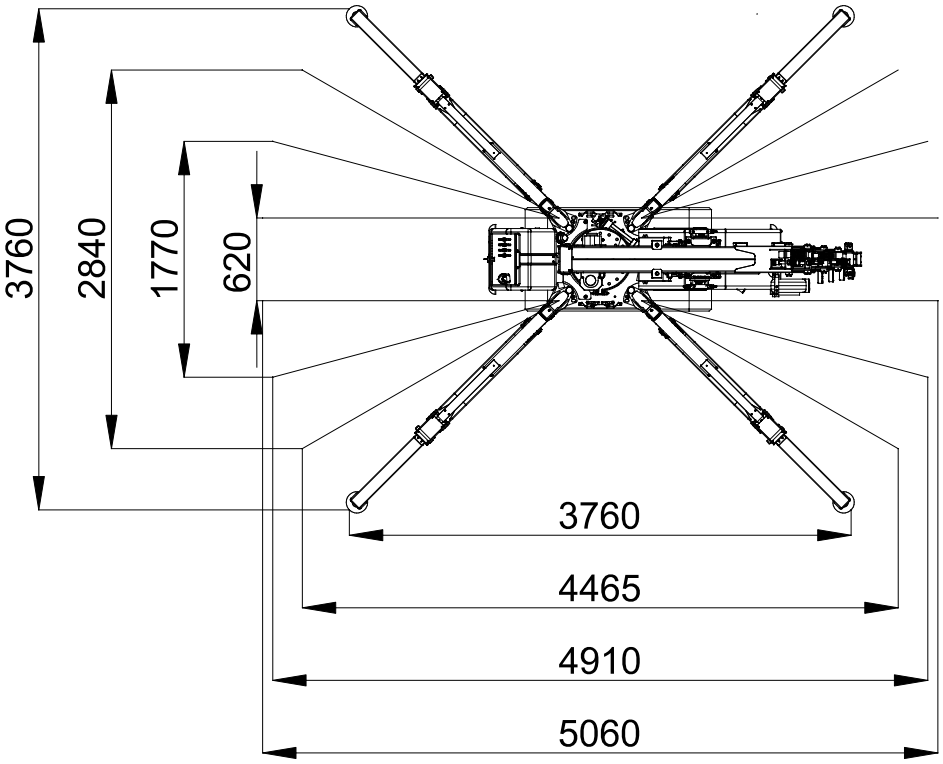
EN 13000

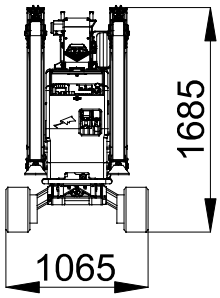
SPX312 - OVERALL DIMENSIONS

SPX312CP

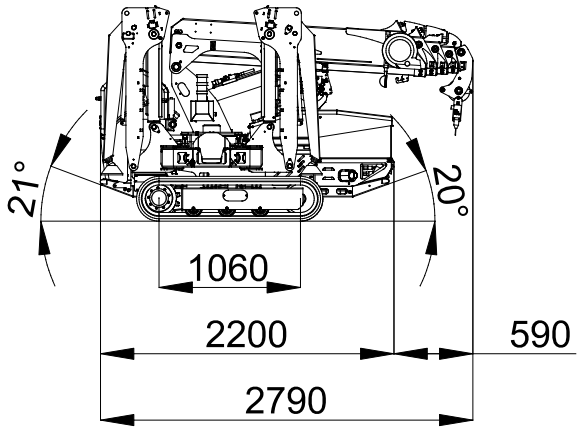


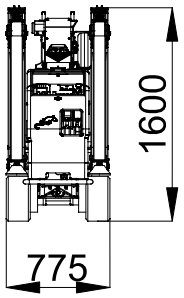


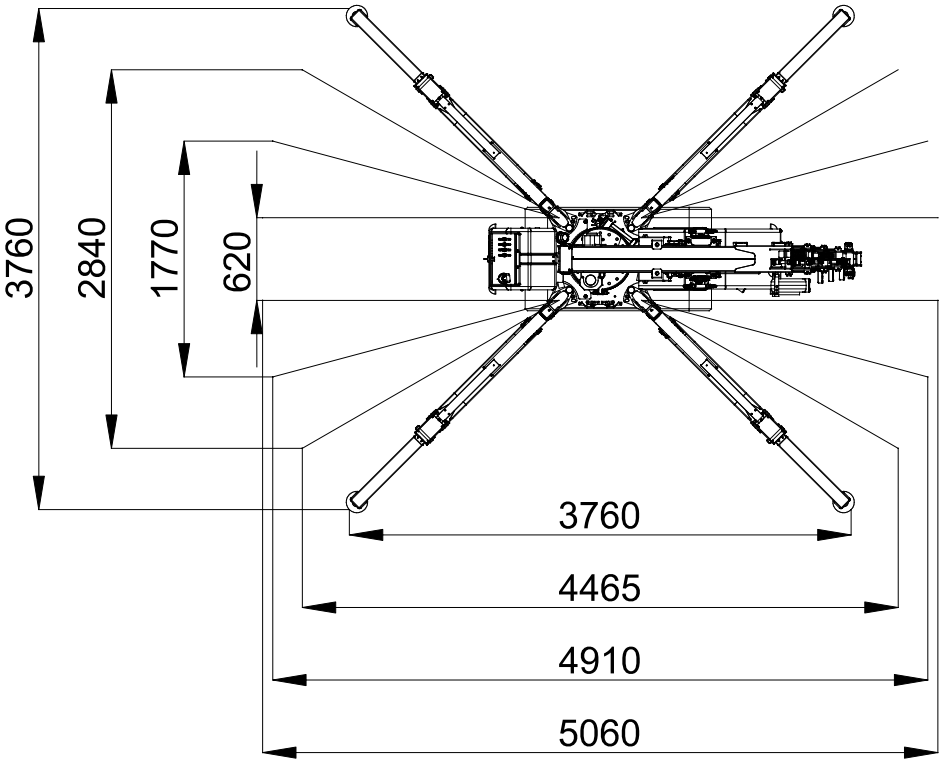


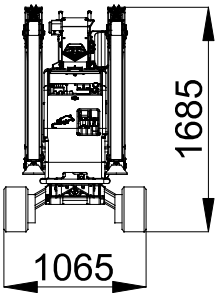


SPX312C+


21°
20°
1060
2200
590
2790


1600
775


3760
2840
1770
620
3760
4465
4910
5060


1685
1065

		Name / version	kg[1]
WEIGHTS		CP, C+	1800
		-	0
		SINGLE FALL	27
		MULTIPLE FALL	20
		POWERPACK	45
		800GX	25
		400.1MX	58
		MV600	200
		OM300	17
		WUK-01	1,5

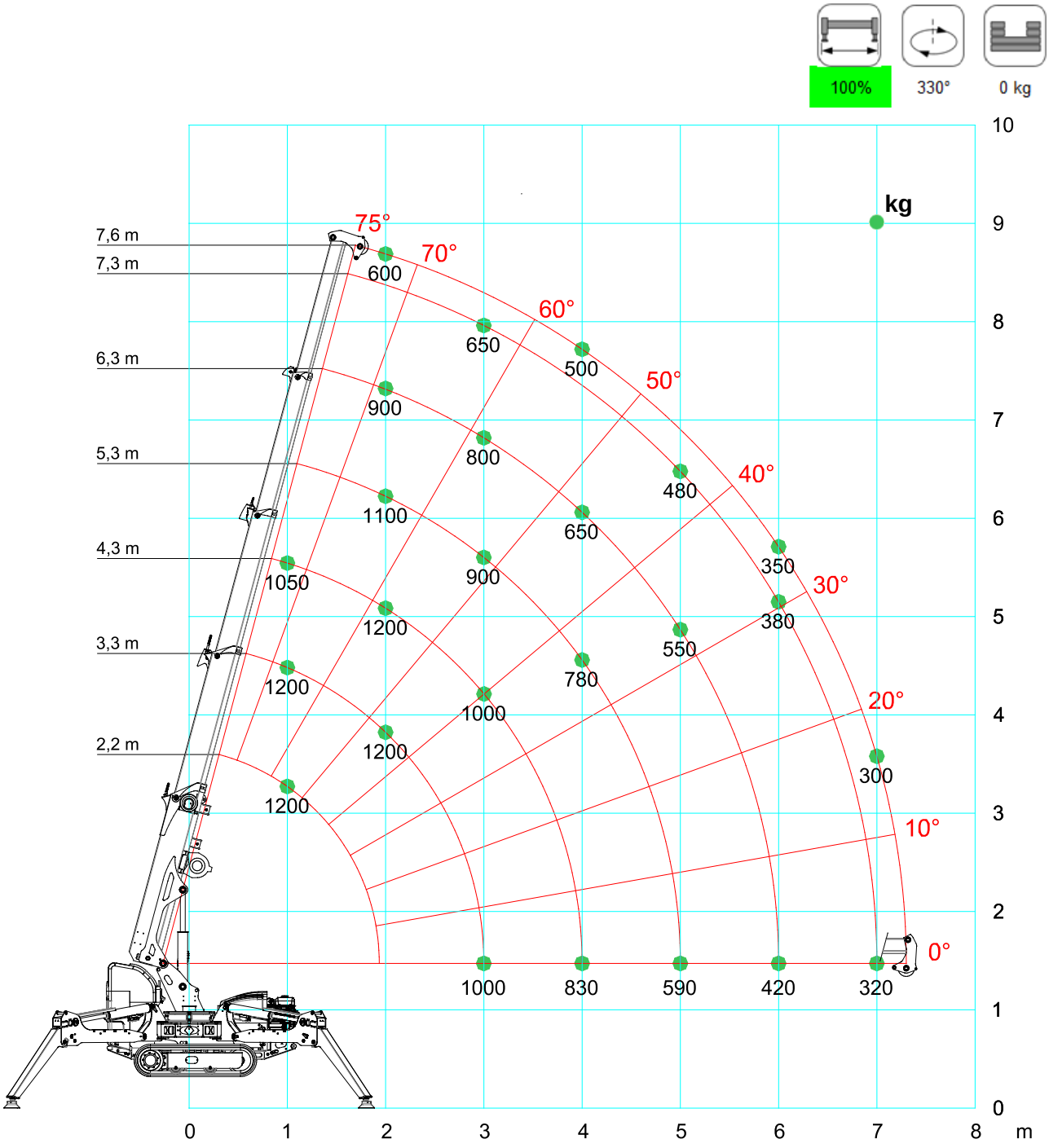
[1]: Dry weight
[2]: Engine working limit
[3]: Static lifting

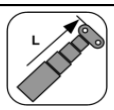
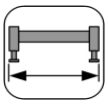
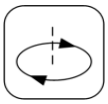
ENGINE		YAMAHA MZ360	
	kW	7,6kW 10,4Hp	
		PETROL	
		L	6,7
ELECTRIC		24V 240Ah	
	kW	24V-3F 4,0kW 5,5HP	
HYDRAULIC		ISO 6743-4:HFDU with VG46 viscosity class	
		Working temp	<70°C
		L	20
MOVEMENTS		km/h	CP: 1,7 C+: 0,85
		20° (36%)[2]	
		kg/cm²	0,44
	MAX	kg	1850[3]
		0°/75°	
		s	24
		330°	
		rpm	1,0
		m	2,2 - 7,6
		s	40

HOIST PERFORMANCE	Winch	Layer	Max line pull	Standard rope speed	Highest rope speed
			kg	m/min	m/min
		1	742[1]	12,2	25,7
		2	690[1]	13,3	28,0
		3	638[1]	14	29,5
		4	600	15,1	31,8
	Rope	Wire rope	Ø	Total lenght	Max load
			mm	m	kg
		A4L 19x7 right lang lay	7	63	3600
	Hook block	Load	N° of		Block type
		kg	Sheaves	Lines	
		1200	1	2	Multiple fall block
		600	-	1	Single fall block

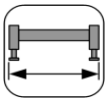
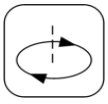
[1]:LMI limited at 600 kg

SPX312 MAIN BOOM



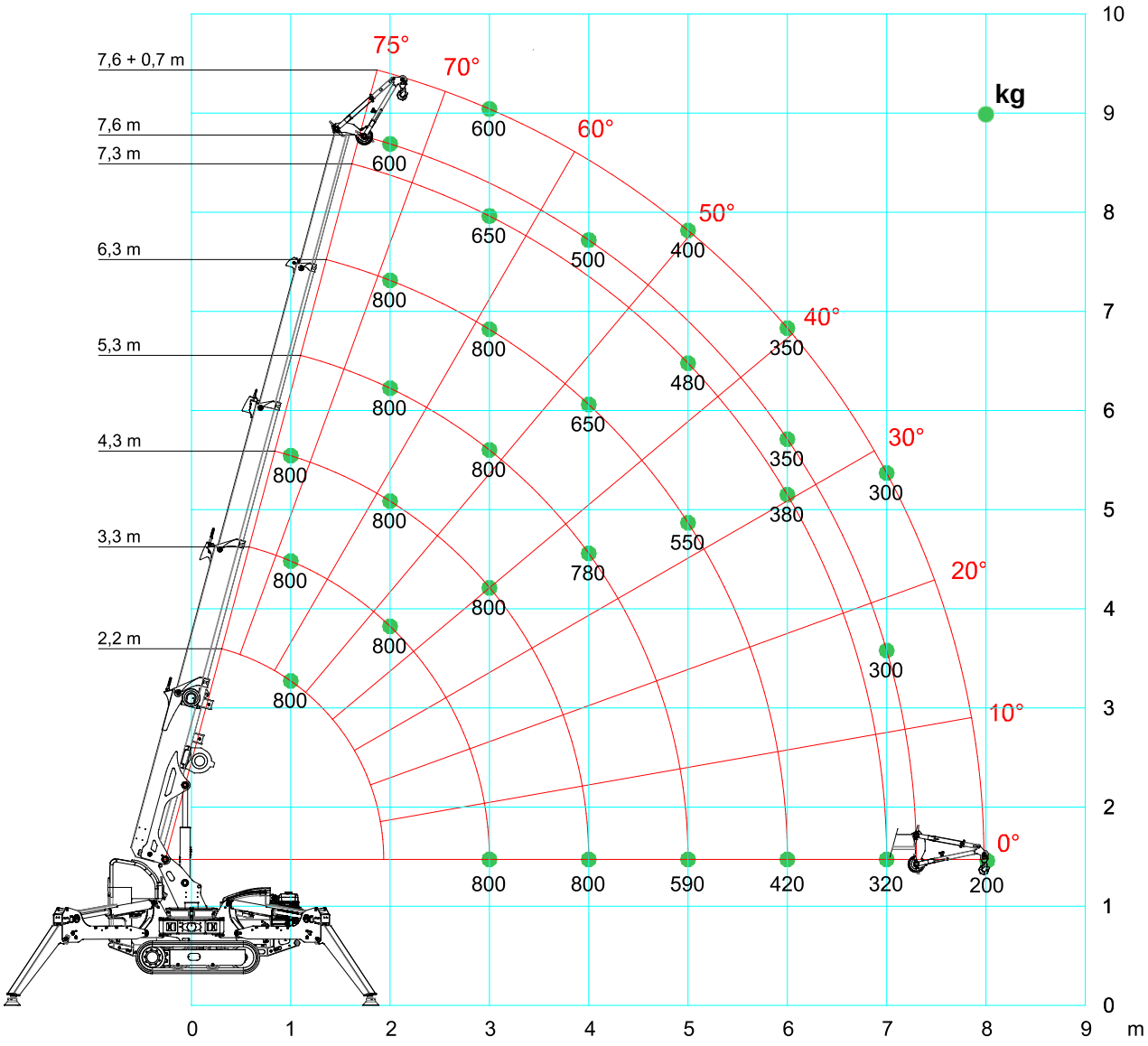
[m] / [kg]	 MAIN BOOM	 100%	 330°	 0kg			
	2,2	**3,3**	**4,3**	**5,3**	**6,3**	**7,3**	**7,6**
1	1200	1200	1050				
2		1200	1200	1100	900	650	600
3		1000	1000	900	800	650	600
4			830	780	650	550	500
5				590	550	480	400
6					420	380	350
7						320	300
7,3							300

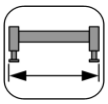
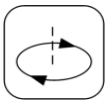
LC312_V400_0316_BP_FUNE_STAB_100

[m] / [kg]	 MAIN BOOM	 50%	 330°	 0kg			
	2,2	**3,3**	**4,3**	**5,3**	**6,3**	**7,3**	**7,6**
1	1200	1200	1050				
2		1050	1050	950	800	550	500
3		900	900	800	720	550	500
4			520	490	390	330	300
5				340	320	270	220
6					250	220	200
7						180	180
7,3							150

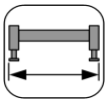
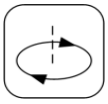
LC312_V400_0316_BP_FUNE_STAB_50

SPX312 + JIB800GX



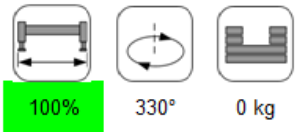
[m] / [kg]	 JIB800GX	 100%	 330°	 0kg			
	2,2	**3,3**	**4,3**	**5,3**	**6,3**	**7,3**	**7,6**
1	800	800	800				
2		800	800	800	800	650	600
3		800	800	800	800	650	600
4			800	780	650	550	500
5				590	550	480	400
6					420	380	350
7						320	300
8							200

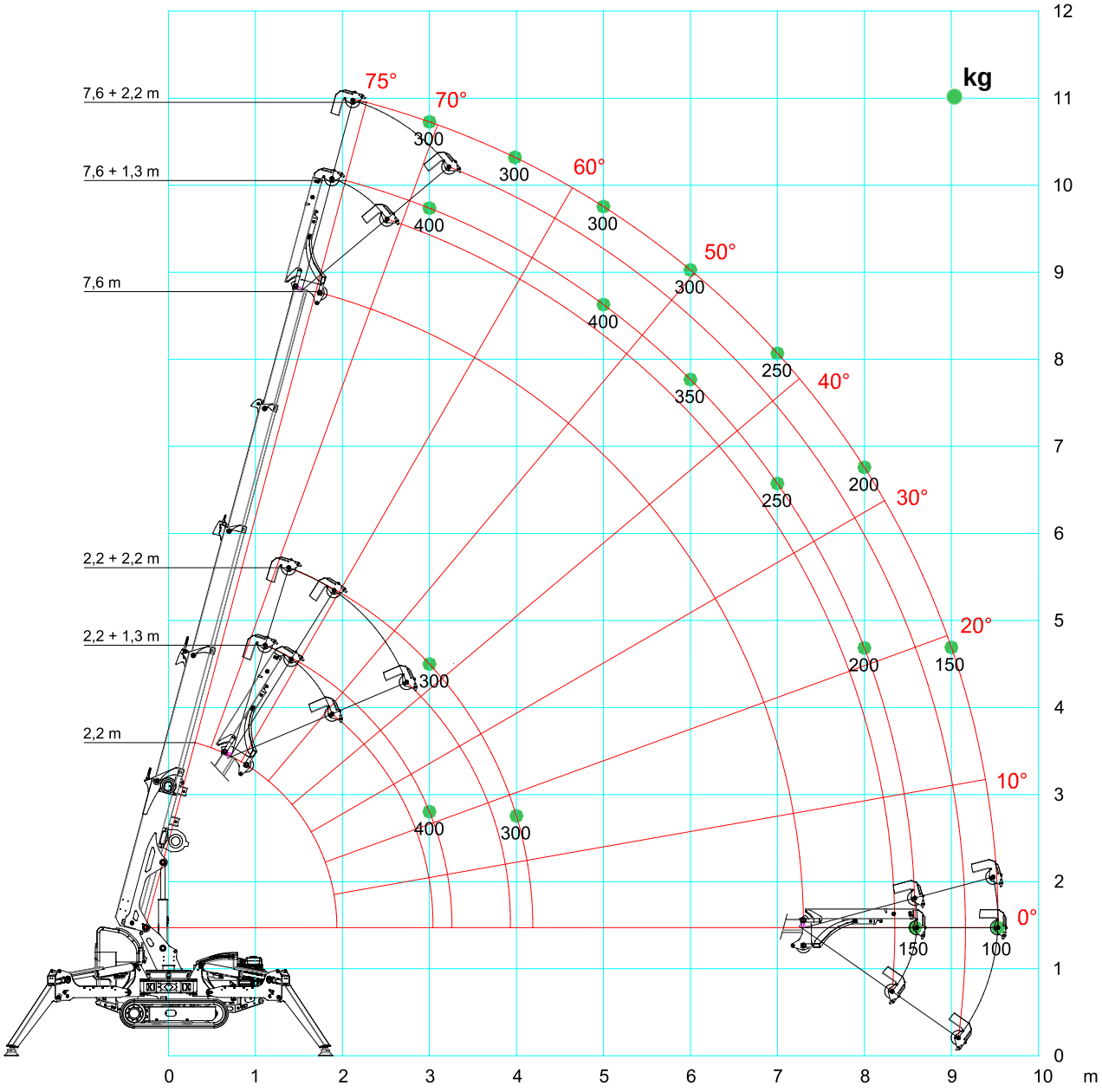
LC312_V400_0316_RUNNER_GANCIO_STAB_100

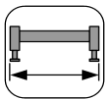
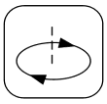
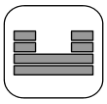
[m] / [kg]	 JIB800GX	 50%	 330°	 0kg			
	2,9	**3,3**	**4,3**	**5,3**	**6,3**	**7,3**	**8,3**
1	800	800	800				
2		800	800	800	800	550	500
3		800	800	800	720	550	500
4			520	490	390	330	300
5				340	320	270	220
6					250	220	200
7						180	180
8							100

LC312_V400_0316_RUNNER_GANCIO_STAB_50

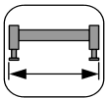
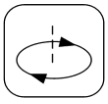
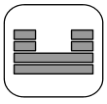
SPX312 + JIB400.1MX





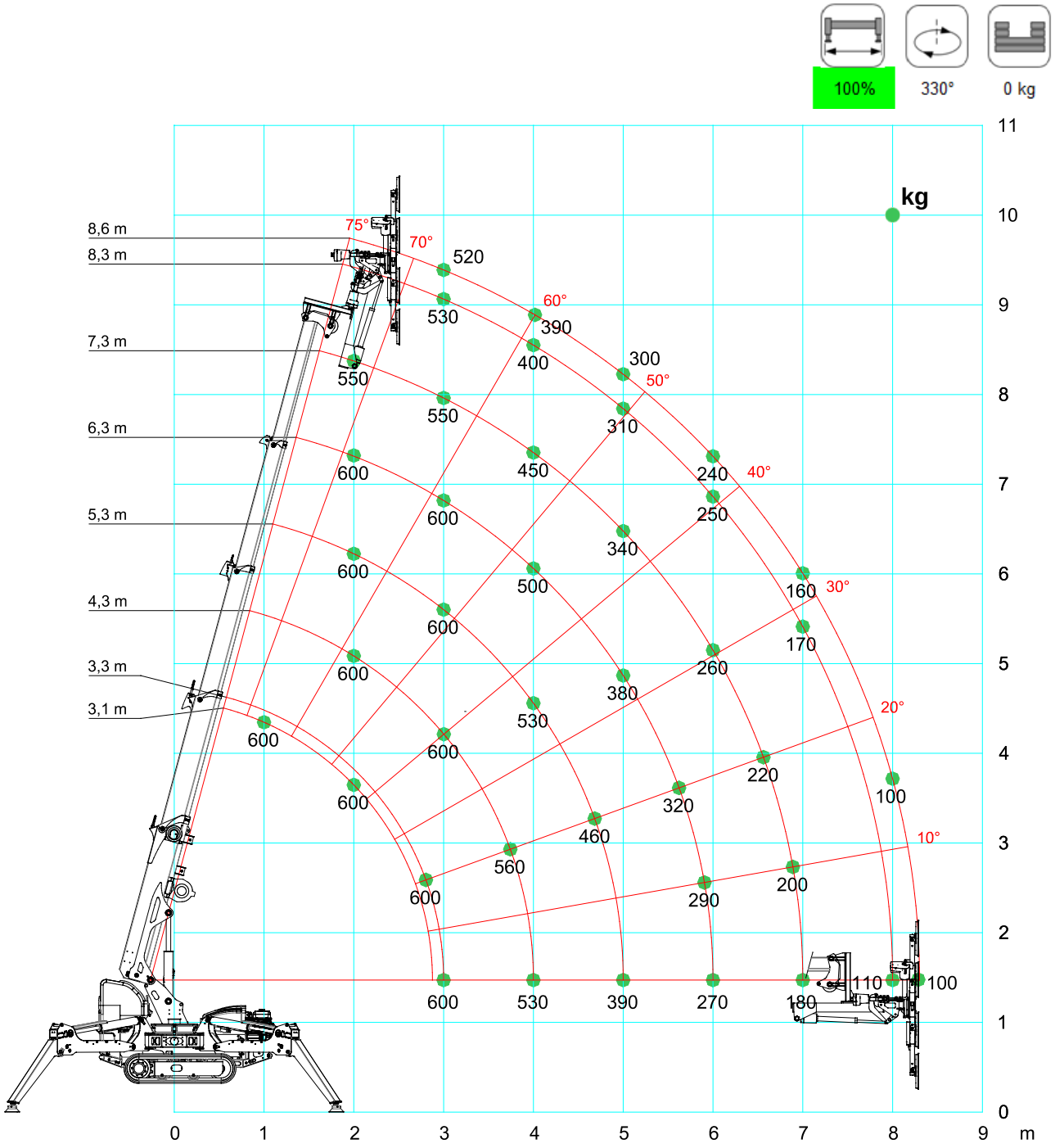
[m] / [kg]	 JIB400.1MX	 100%	 330°	 0kg	EN
	1,3	**2,2**			
2	400	300			
3	400	300			
4	400	300			
5	400	300			
6	350	300			
7	250	250			
8	200	200			
8,6	150	150			
9,6		100			

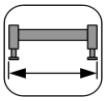
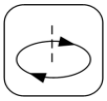
LC312_V400_0316_RUNNER_GANCIO_STAB_100

[m] / [kg]	 JIB400.1MX	 50%	 330°	 0kg	EN
	1,3	**2,2**			
2	400	300			
3	400	300			
4	400	300			
5	300	250			
6	200	200			
7	100	100			

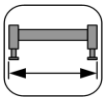
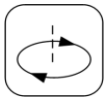
LC312_V400_0316_RUNNER_GANCIO_STAB_50

SPX312 + MV600.3E+



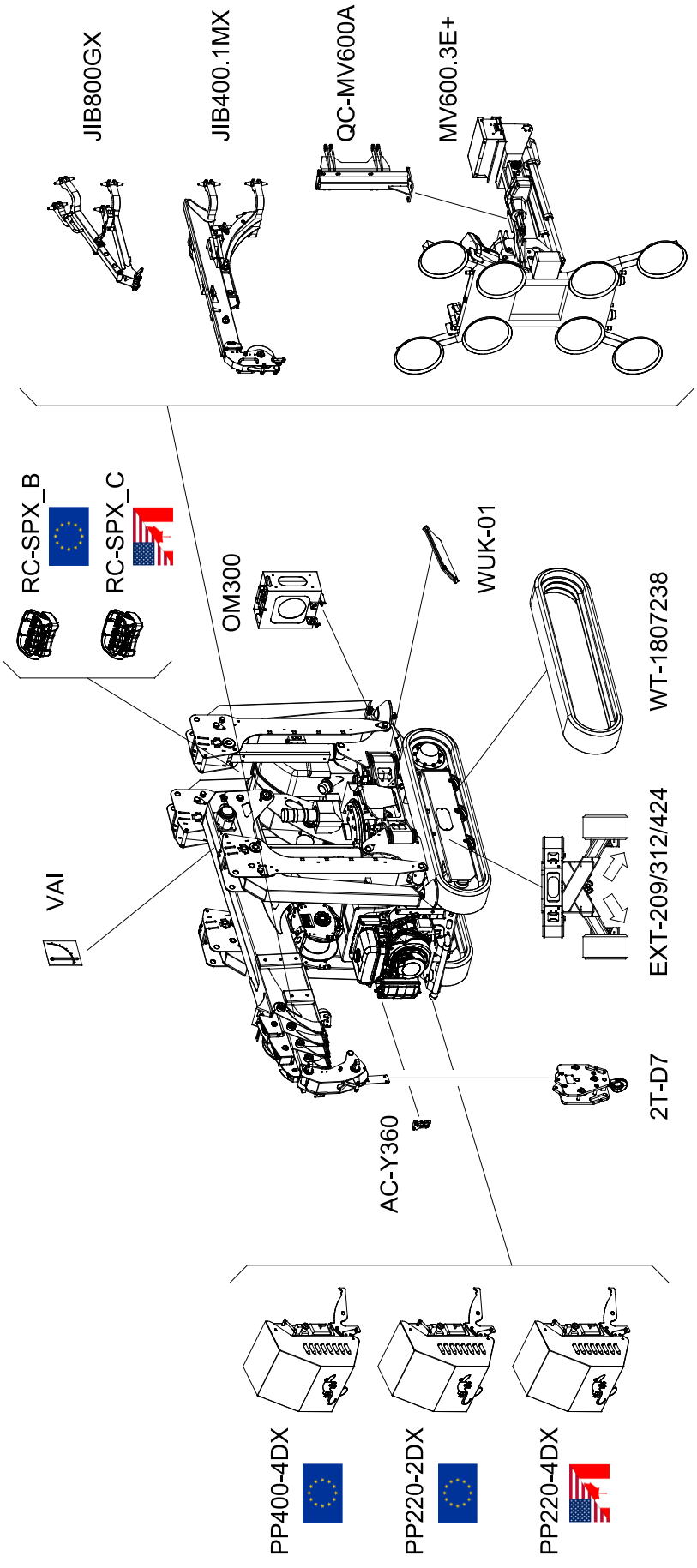
[m] / [kg]	 MV600.3E+	 100%	 330°	 0kg	EN			
	3,1	**3,3**	**4,3**	**5,3**	**6,3**	**7,3**	**8,3**	**8,6**
1	600	600	600					
2	600	600	600	600	600	550		
3		600	600	600	600	550	530	520
4			530	530	500	450	400	390
5				390	380	340	310	300
6					270	260	250	240
7						180	170	160
8							110	100
8,3								100

LC312_V400_0316_MANIP_STAB_100

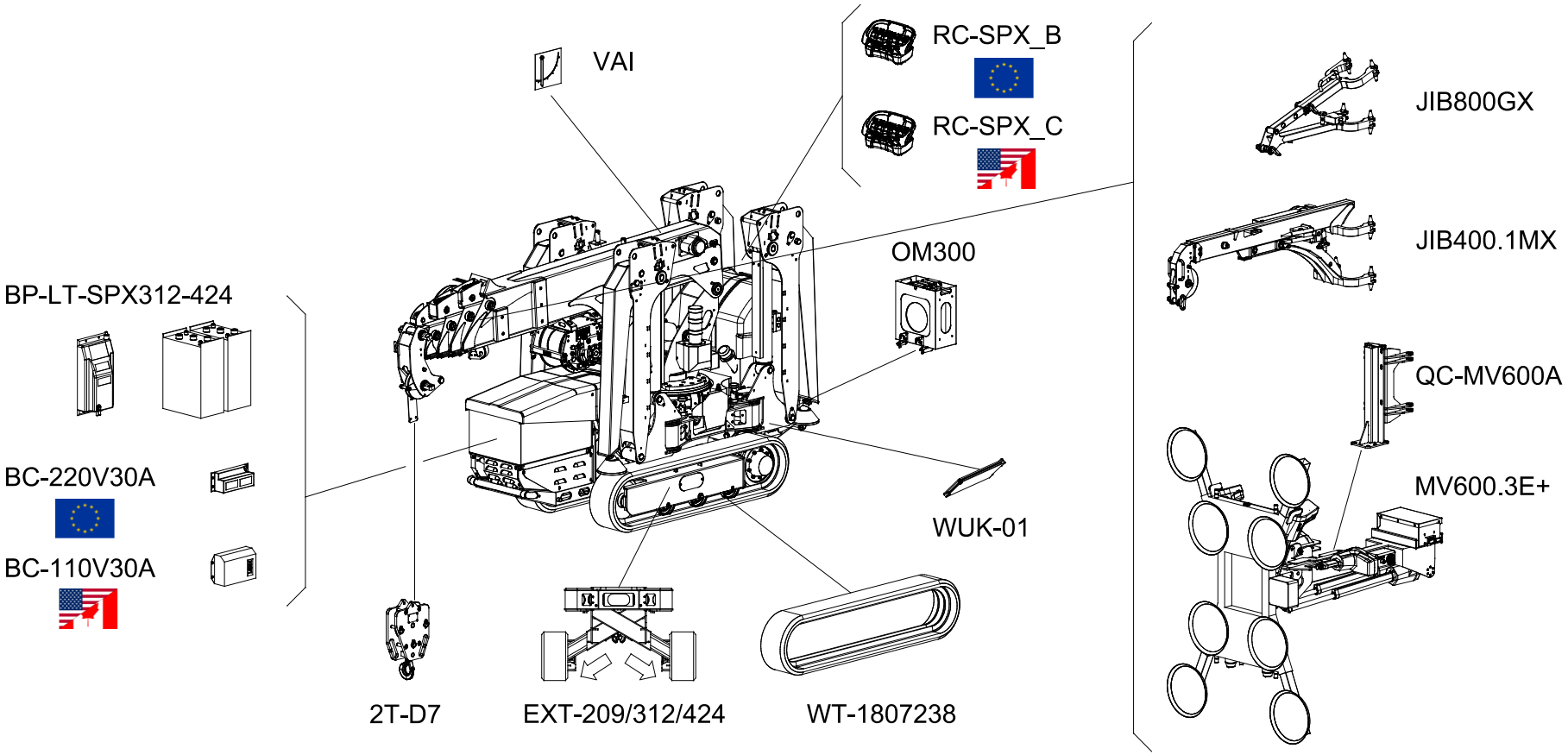
[m] / [kg]	 MV600.3E+	 50%	 330°	 0kg	EN			
	2,9	**3,3**	**4,3**	**5,3**	**6,3**	**7,3**	**8,3**	**8,6**
1	600	600	600					
2	600	600	600	600	500	400		
3		600	500	450	420	400	380	360
4			300	280	240	200	180	140
5				150	140	120	100	80

LC312_V400_0316_MANIP_STAB_50

ACCESSORIES



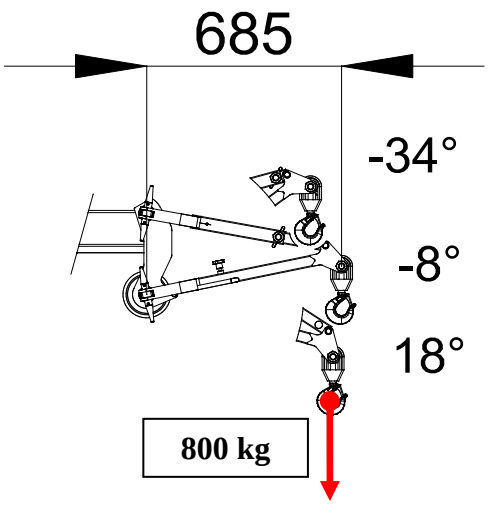
		STD		PC-01		PC-11
Boom, covers and outriggers		RAL2004		RAL____		RAL____
Chassis, frames and tanks		RAL7021		RAL7021		RAL____



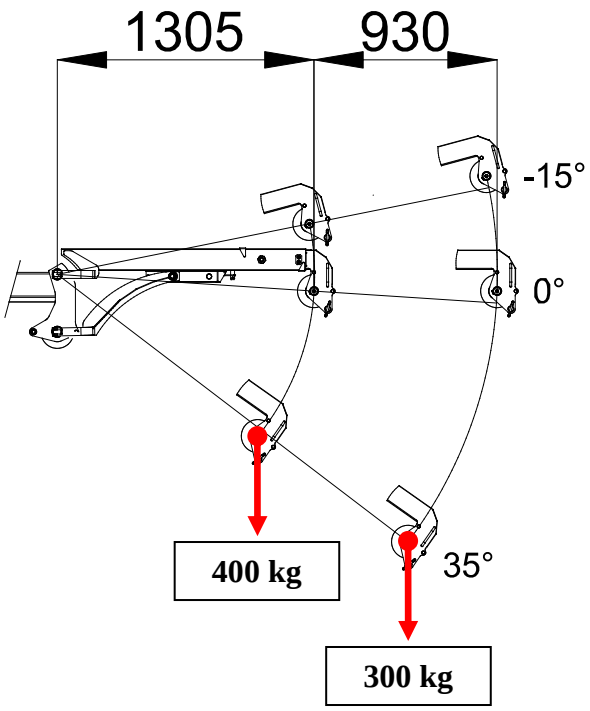
		STD		PC-01		PC-11
Boom, covers and outriggers		RAL2004		RAL____		RAL____
Chassis, frames and tanks		RAL7021		RAL7021		RAL____

ACCESSORIES FEATURES

JIB800GX

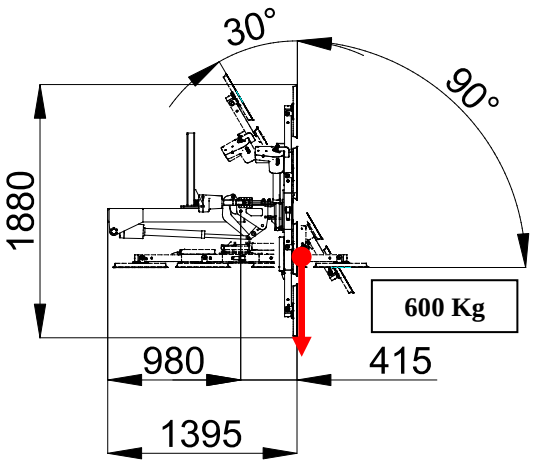


JIB400.1MX

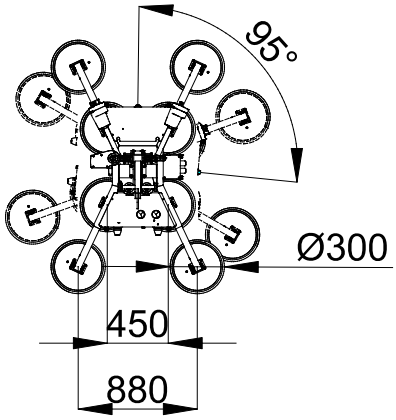


MV600.3E+

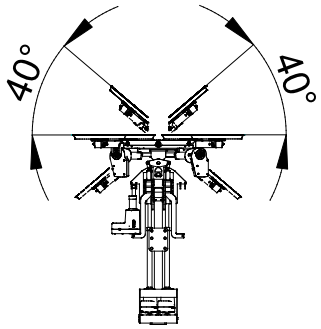
Tilt



Rotation



Swing



	4	8	n°
	300	600	kg
	150	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
 Outtriggers 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

- 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.

DEALER

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