



## Technical Data

Specification & Capacities

# SPX532

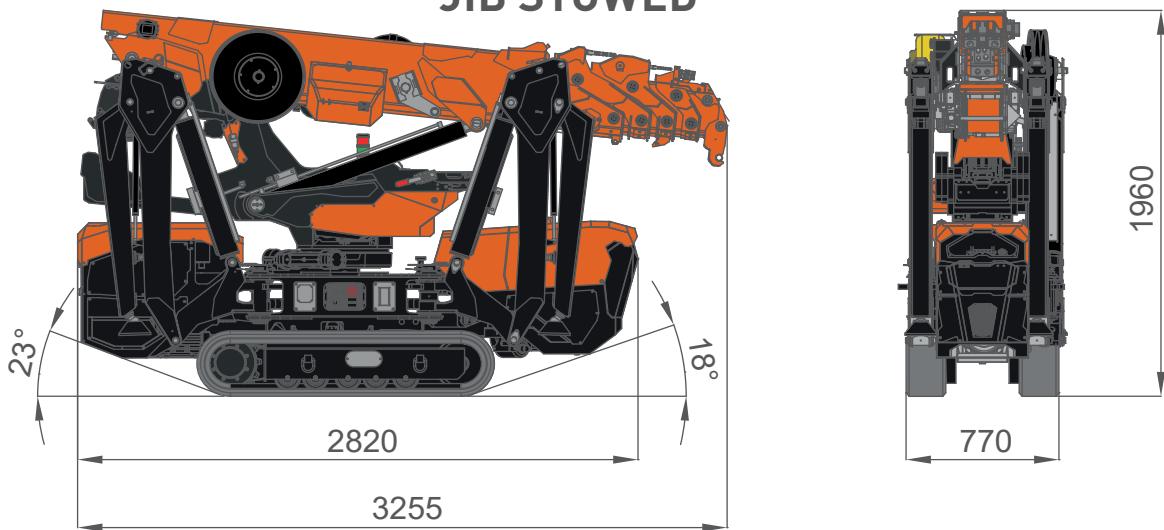
CE  
EN 13000

28.02.2022 | Rev.10

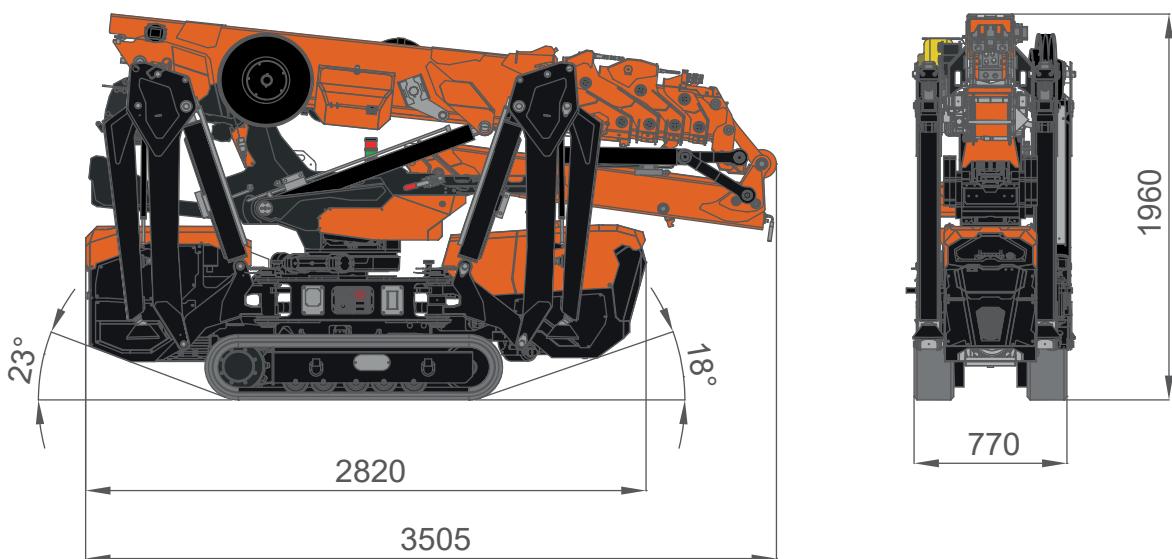
[m] [kg]

# SPX532

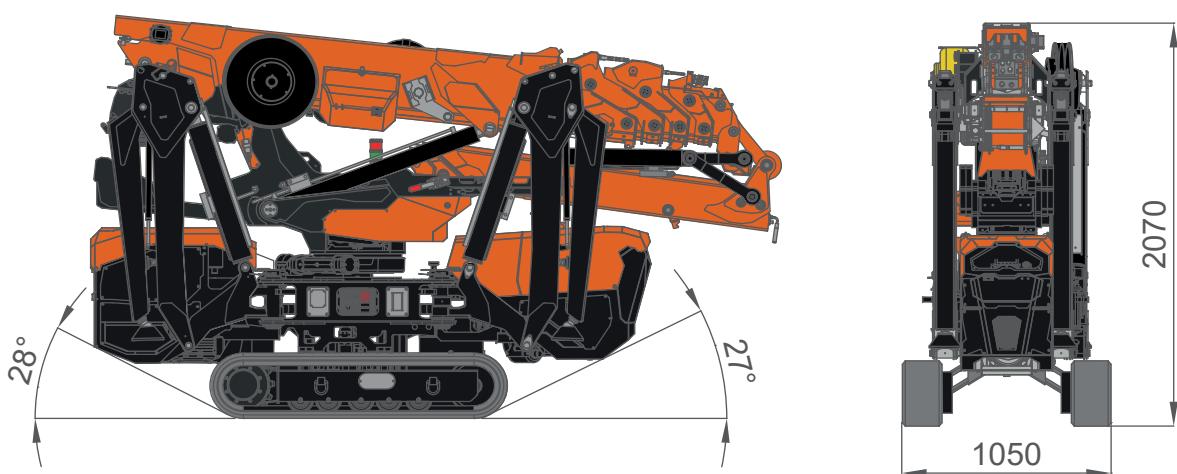
## OVERALL DIMENSIONS SPX532CDH JIB STOWED



## JIB MOUNTED

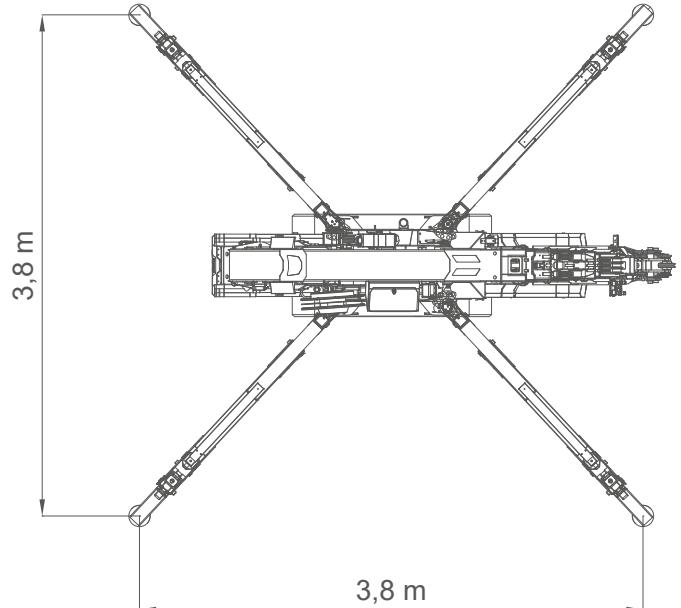
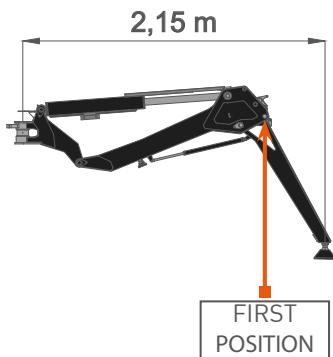


## EXTENDED TRACKS

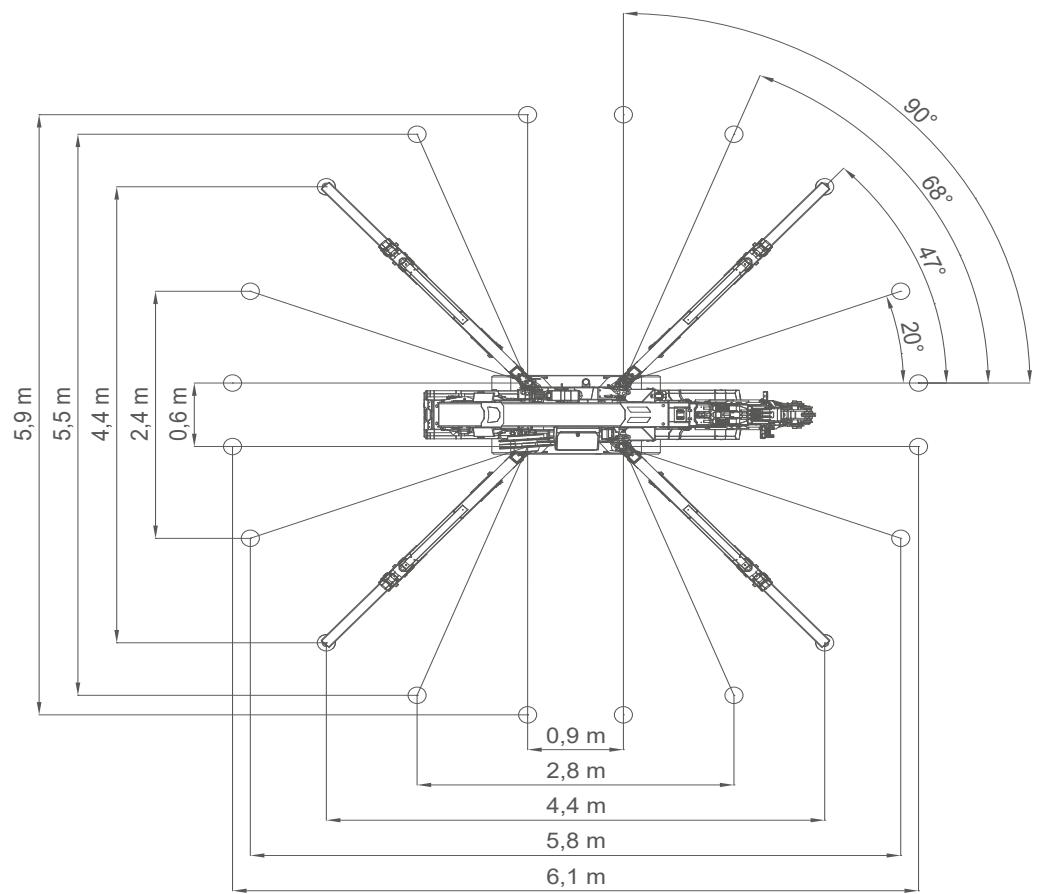
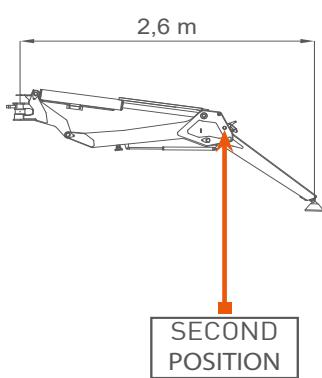


[mm]

## OVERALL DIMENSIONS SQUARE OUTRIGGER 1<sup>ST</sup> POSITION STABILITY



## OUTRIGGER 2<sup>ND</sup> POSITION FULL STABILITY



## OVERALL INFORMATION

WEIGHTS	Name/ version	kg*		
	Crane	CDH, CL, CL2	2520	
	Winch	W800.6	52	
	Hookblock	SINGLE FALL	20	
		MULTIPLE FALL	49	
	Power Pack	1-PHASE POWERPACK	52	
		3-PHASE POWERPACK	63	
	Jib	JIB1200GX	50	
		JIB1000.2H1MX	210	
		MANUAL EXTENSION	14	
		PULLEY HEAD	8	
Grabber	JIB500GR	217		
Outriggers mats	OM400	17		

MOVEMENTS	Engine	KUBOTA D902-E4B		
	kW Power	16,1kW 22HP		
	Fuel	DIESEL		
	Tank	L	10	
	Lithium Battery	CL: 24V 300Ah		
	kW Power	24V-3F 5,5kW 7,5HP		
		CL2: 48V 200Ah		
	kW Power	48V-3F 7,0kW 9,5HP		
		ISO 6743-4:HFDU with VG46 viscosity class		
HYDRAULIC	Hydraulic Oil	Working temp	<70°C	
		L	40	
Travel Speed	km/h	CDH: 2,7 CL, CL2 : 1,8		
Gradeability	20° (36%) <sup>+</sup>			
Track Load	kg/cm <sup>2</sup>	0,63		
Outrigger Load	kg	3000 <sup>‡</sup>		
Working Angle	0°/80°			
	s	30		
Slewing	360°			
	rpm	0,85		
Boom Telescoping	m	2,5 - 10,8		
	s	40		

\*: Dry weight

<sup>†</sup>: Engine working limit

<sup>‡</sup>: Static lifting

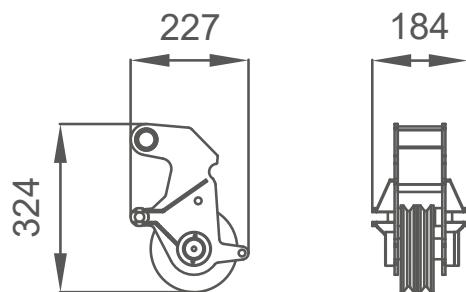
## HOIST PERFORMANCE

GEAR WINCH	Layer	Max line pull	Standard rope speed	Highest rope speed
		kg	m/min	m/min
	1	785		25
	2	730		27
	3	680		29
	4	640		31
ROPE	5	600		33
	Wire rope	Ø	Total length	Max load
		mm	m	kg
	19x7 right lang lay Non rotating	7	81	4700
PISTON WINCH	Layer	Max line pull	Standard rope speed	Highest rope speed
		kg	m/min	m/min
	1	980*		16
	2	910*		17
	3	860*		19
	4	810*		20
ROPE	Wire rope	Ø	Total length	Max load
		mm	m	kg
	19x7 right lang lay Non rotating	7	68	4700
HOOK BLOCK	Load	Nº of		Block type
	kg	Sheaves	Lines	
	3200	2	4	Multiple fall block
	2400	1	3	
	1600	1	2	
	800	-	1	Single fall block

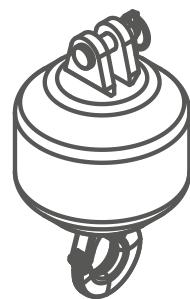
\*: LMI limited at 800 kg

## PULLEY HEAD AND HOOKBLOCK

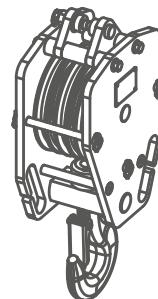
### TILTING PULLEY HEAD



SINGLE FALL



MULTIPLE FALLS

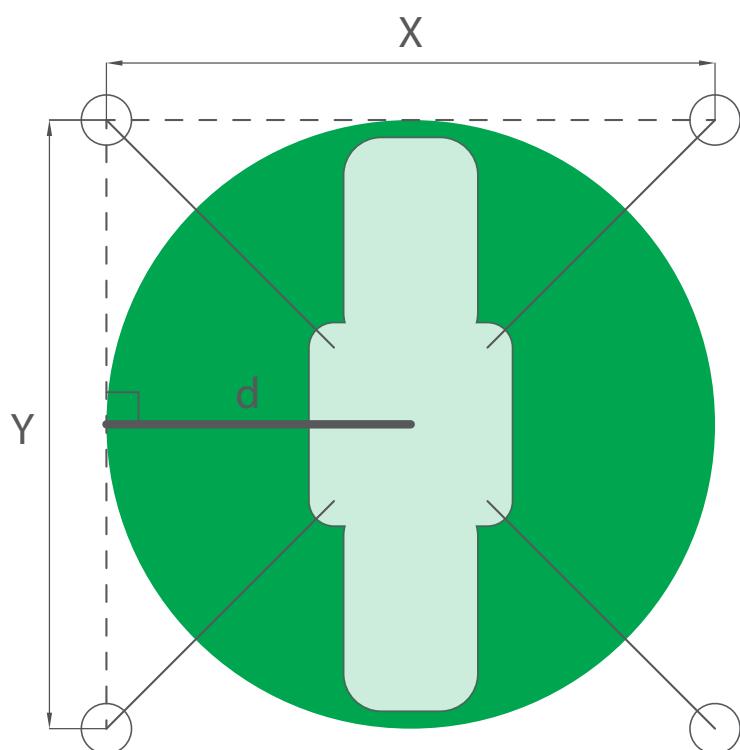


[mm]

## CRANE PERFORMANCE

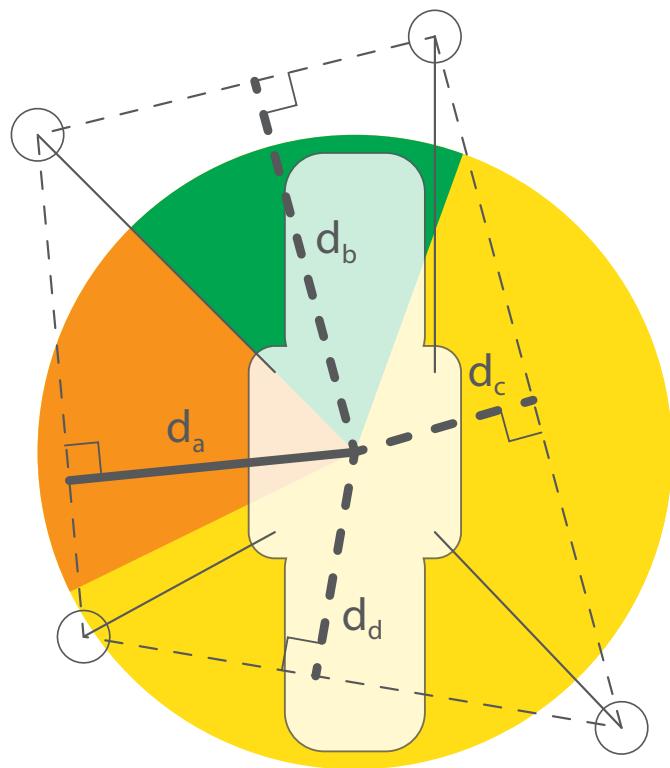


## STABILITY EXAMPLES



Example 1:  
Square stability area.

$X = 4,4 \text{ m}$   
 $Y = 4,4 \text{ m}$   
 $d = 2,2 \text{ m}$



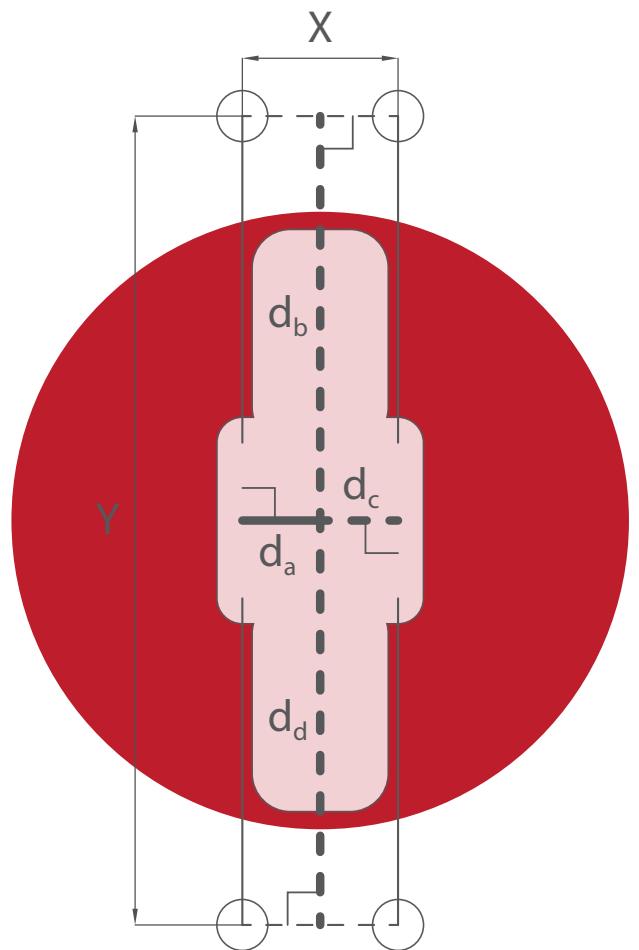
Example 2:  
Asymmetric stability area.

$d_a = 1,9 \text{ m}$   
 $d_b = 2,2 \text{ m}$   
 $d_c = 1,3 \text{ m}$   
 $d_d = 1,3 \text{ m}$

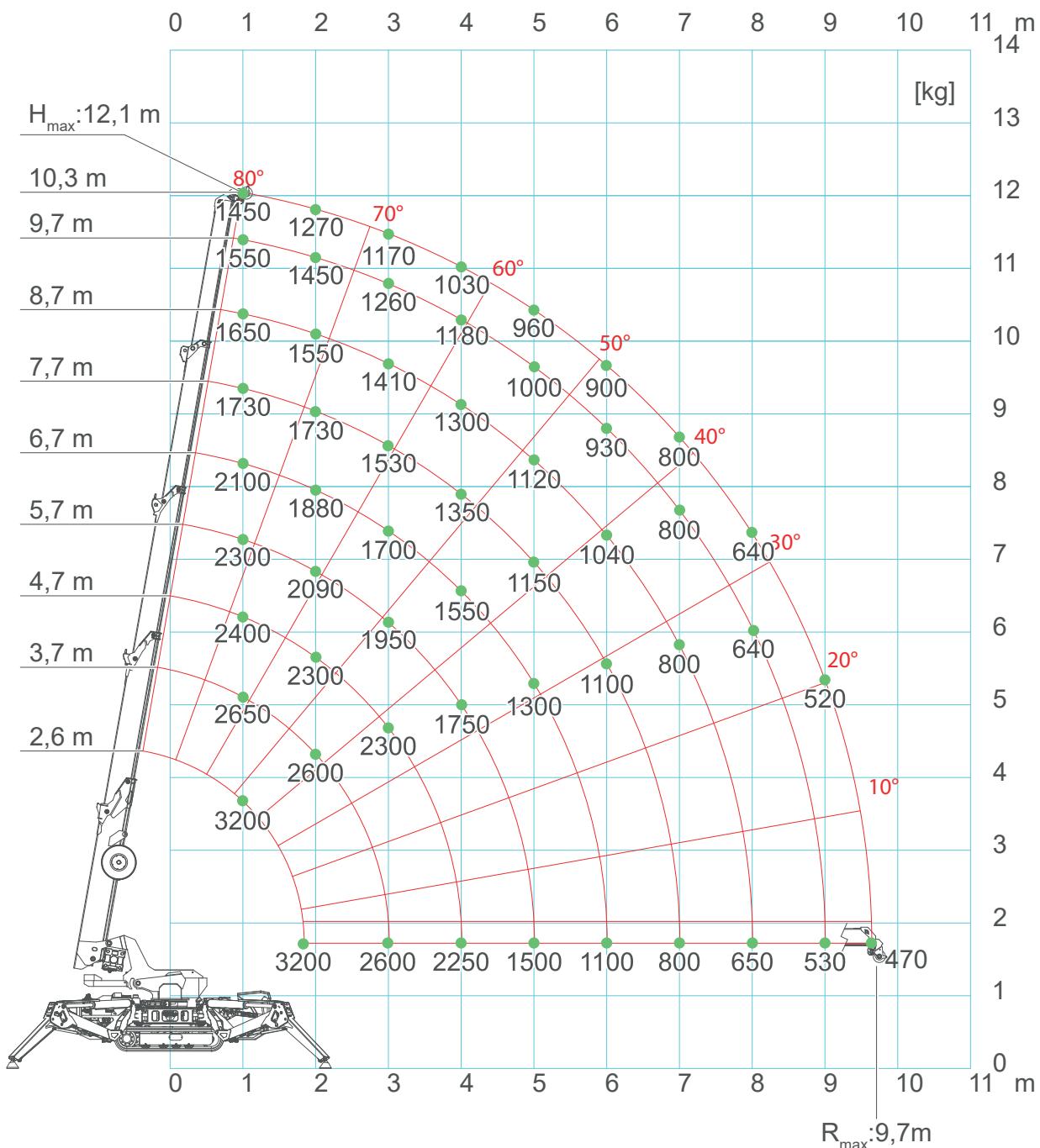
Example 3:  
Close outriggers stability area.

$X = 0,6 \text{ m}$   
 $Y = 5,0 \text{ m}$   
 $d_a = 0,3 \text{ m}$   
 $d_b = 2,5 \text{ m}$   
 $d_c = 0,3 \text{ m}$   
 $d_d = 2,5 \text{ m}$

$d_b$  and  $d_d$  should be J7 geometrically but is limited to J0 anyway because too narrow.



## SPX532 - MAIN BOOM



## SPX532 - MAIN BOOM

[m] L →	2,6	2,7	3,7	4,7	5,7	6,7	7,7	8,7	9,7	10,3
1	3,20	3,00	2,65	2,40	2,30	2,10	1,73	1,65	1,55	1,45
2	3,20	3,20	2,60	2,30	2,09	1,88	1,73	1,55	1,45	1,27
3			2,60	2,30	1,95	1,70	1,53	1,41	1,26	1,17
4				2,25	1,75	1,55	1,35	1,30	1,18	1,03
5					1,50	1,30	1,15	1,12	1,00	0,96
6						1,10	1,10	1,04	0,93	0,90
7							0,80	0,80	0,80	0,80
8								0,65	0,64	0,64
9									0,53	0,52
9,45*										0,47
↑R [m]	[ton]									

LC532\_V202\_0521\_BP\_GANCI0\_J7

[m] L →	2,6	2,7	3,7	4,7	5,7	6,7	7,7	8,7	9,7	10,3
1	3,20	3,00	2,65	2,40	2,30	2,10	1,73	1,65	1,55	1,45
2	3,20	3,20	2,60	2,30	2,09	1,88	1,73	1,55	1,45	1,27
3			2,60	2,30	1,95	1,70	1,53	1,41	1,26	1,17
4				1,70	1,65	1,50	1,35	1,30	1,18	1,03
5					1,10	1,10	1,10	1,00	1,00	0,96
6						0,80	0,80	0,80	0,80	0,80
7							0,60	0,60	0,60	0,60
8								0,48	0,48	0,48
9									0,40	0,40
9,45*										0,32
↑R [m]	[ton]									

LC532\_V202\_0521\_BP\_GANCI0\_J6

## SPX532 - MAIN BOOM

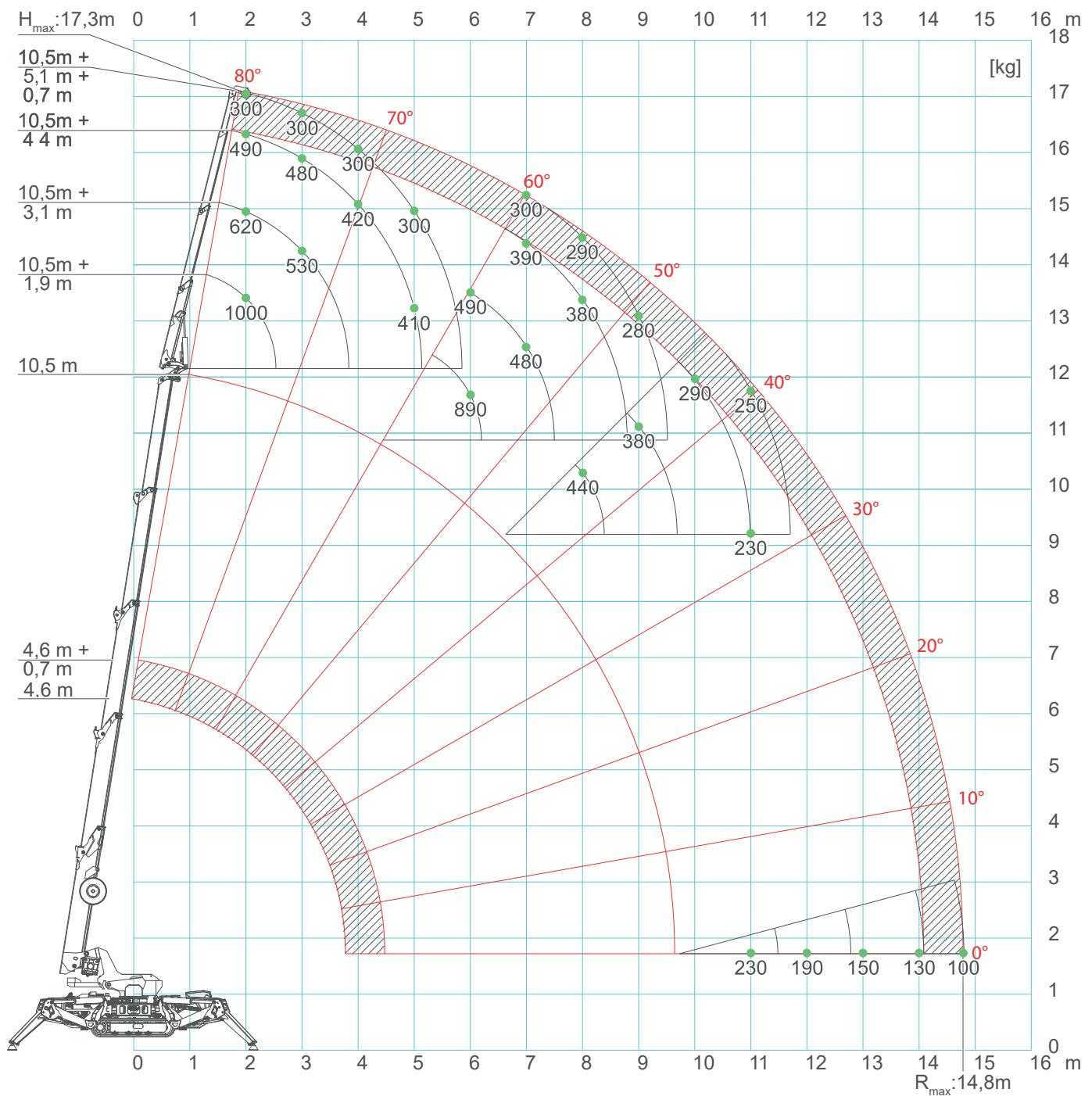
		CRANE PERFORMANCE: J5				
[m] L →		2,6	2,7	3,7	4,7	5,7
1		1,50	1,50	1,00	0,70	0,40
2		1,20	1,20	0,70	0,50	0,40
3				0,60	0,45	0,30
4					0,35	0,28
5						0,20
↑R [m]	[ton]					

LC532\_V202\_0521\_BP\_GANCI0\_J5

		CRANE PERFORMANCE: J1		
[m] L →		2,6	2,7	
1		0,40	0,40	
2			0,11	
↑R [m]	[ton]			

LC532\_V202\_0521\_BP\_GANCI0\_J1

## SPX532 - JIB1000.2H1MX



\*: Refers to hook configuration. Pulley configuration is 0,1m longer.

## SPX532 - JIB1000.2H1MX

		CRANE PERFORMANCE: J7			
[m] L <sub>j</sub> →		1,9	3,1	4,4	5,1
1		1,00	0,70	0,50	0,46
2		1,00	0,62	0,49	0,40
3		1,00	0,53	0,48	0,35
4		1,00	0,51	0,42	0,33
5		1,00	0,50	0,41	0,32
6		0,89	0,49	0,40	0,31
7		0,67	0,48	0,39	0,30
8		0,44	0,40	0,38	0,29
9		0,38	0,38	0,34	0,28
10		0,29	0,29	0,29	0,25
11			0,23	0,23	0,23
12			0,19	0,19	0,19
13				0,15	0,15
14				0,14	0,13
14,8					0,10
↑R [m]	[ton]				

LC532\_V202\_0521\_JIB1000\_GANCIO\_J7

		CRANE PERFORMANCE: J6			
[m] L <sub>j</sub> →		1,9	3,1	4,4	5,1
1		1,00	0,70	0,50	0,46
2		1,00	0,54	0,45	0,40
3		1,00	0,50	0,43	0,35
4		1,00	0,48	0,36	0,30
5		0,80	0,43	0,33	0,29
6		0,59	0,40	0,30	0,28
7		0,42	0,38	0,29	0,27
8		0,30	0,30	0,28	0,26
9		0,20	0,20	0,20	0,20
10		0,14	0,14	0,14	0,14
11		0,11	0,11	0,11	0,11
↑R [m]	[ton]				

LC532\_V202\_0521\_JIB1000\_GANCIO\_J6

## SPX532 - JIB1000.2H1MX

[m] L <sub>j</sub> →	1,9	3,1	4,4	5,1
1	1,00	0,53	0,27	0,22
2	0,80	0,42	0,25	0,21
3	0,70	0,40	0,24	0,20
4	0,40	0,30	0,23	0,19
5	0,28	0,24	0,22	0,18

CRANE PERFORMANCE: J5

LC532\_V202\_0521\_JIB1000\_GANCIO\_J5

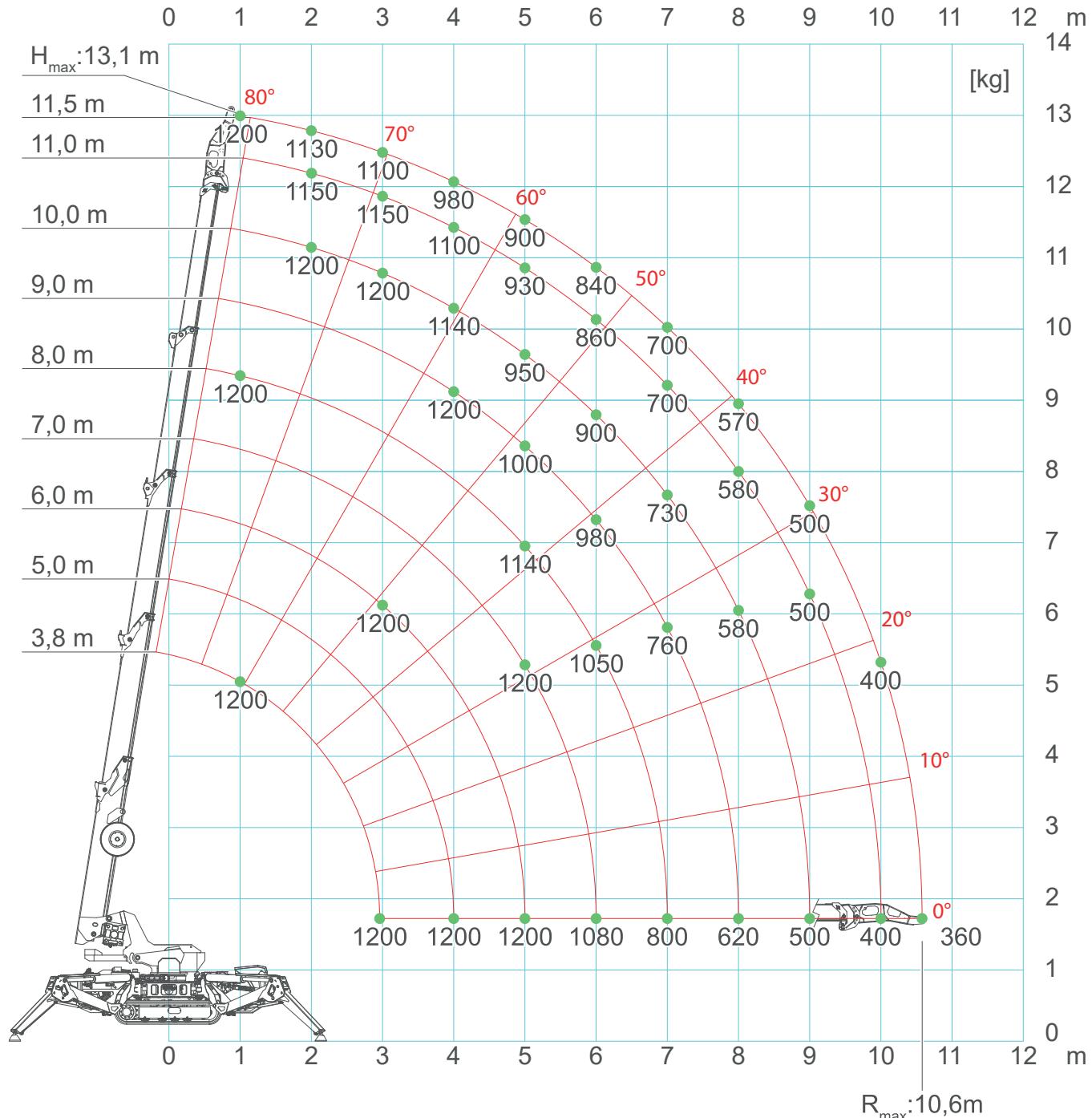
[m] L <sub>j</sub> →	1,9
1	0,12
2	0,10
3	0,10
4	0,05

CRANE PERFORMANCE: J1

LC532\_V202\_0521\_JIB1000\_GANCIO\_J1

\*: With manual extension on maximum weight is limited to 300kg.

## SPX532 - JIB1200GX



\*: With manual extension on maximum weight is limited to 300kg.

# SPX532

## SPX532 - JIB1200GX

		CRANE PERFORMANCE: J7									
[m] L →	2,6	2,7	3,7	4,7	5,7	6,7	7,7	8,7	9,7	10,3	
L+L <sub>j</sub> →	3,7	3,8	4,8	5,8	6,8	7,8	8,8	9,8	10,8	11,4	
1	1,25	1,25	1,25	1,25	1,25	1,25	1,25	1,25	1,25	1,25	1,25
2	1,25	1,25	1,25	1,25	1,25	1,25	1,25	1,25	1,15	1,13	
3	1,25	1,25	1,25	1,25	1,25	1,25	1,25	1,25	1,15	1,10	
4			1,25	1,25	1,25	1,25	1,25	1,14	1,10	0,98	
5				1,25	1,25	1,14	1,00	0,95	0,93	0,90	
6					1,04	1,00	0,98	0,90	0,86	0,84	
7						0,78	0,76	0,73	0,70	0,70	
8							0,61	0,58	0,58	0,57	
9								0,49	0,49	0,49	
10									0,40	0,40	
10,5										0,35	
↑R [m]	[ton]		LC532_V202_0521_JIB1200GX_GANCI0_J7								

		CRANE PERFORMANCE: J6									
[m] L →	2,6	2,7	3,7	4,7	5,7	6,7	7,7	8,7	9,7	10,3	
L+L <sub>j</sub> →	3,7	3,8	4,8	5,8	6,8	7,8	8,8	9,8	10,8	11,40	
1	1,25	1,25	1,25	1,25	1,25	1,25	1,25	1,25	1,25	1,25	1,25
2	1,25	1,25	1,25	1,25	1,25	1,25	1,25	1,25	1,15	1,13	
3	1,25	1,25	1,25	1,25	1,25	1,25	1,25	1,25	1,15	1,00	
4			1,25	1,25	1,25	1,25	1,25	1,14	1,10	0,98	
5				1,08	1,00	0,96	0,95	0,93	0,92	0,90	
6					0,78	0,75	0,71	0,68	0,62	0,60	
7						0,58	0,56	0,54	0,50	0,48	
8							0,44	0,43	0,42	0,40	
9								0,35	0,35	0,32	
10									0,29	0,28	
10,5										0,25	
↑R [m]	[ton]		LC532_V202_0521_JIB1200GX_GANCI0_J6								

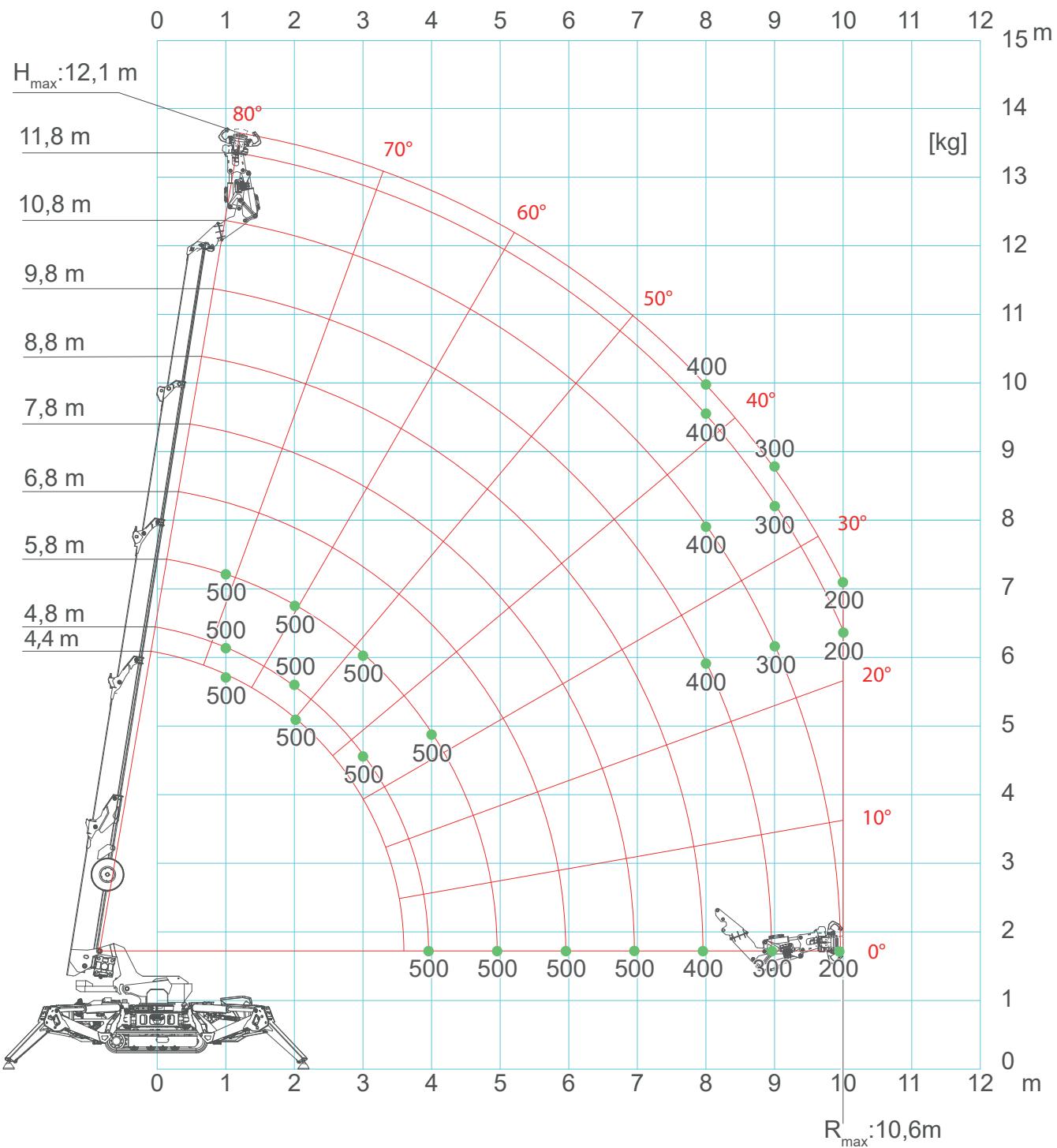
\*: With manual extension on maximum weight is limited to 300kg.

## SPX532 - JIB1200GX

		CRANE PERFORMANCE: J5			
[m]	L →	2,6	2,7	3,7	4,7
	L+L <sub>J</sub> →	3,7	3,8	4,8	5,8
1		1,20	1,00	0,70	0,40
2		1,11	0,60	0,50	0,36
3		0,54	0,54	0,40	0,26
4				0,28	0,22
5					0,15
↑R [m]	[ton]				

LC532\_V202\_0521\_JIB1200GX\_GANCIO\_J5

## SPX532 - JIB500GR



## SPX532 - JIB500GR

		CRANE PERFORMANCE: J7									
[m] L →	2,6	3,0	4,0	5,0	6,0	7,0	8,0	9,0	10,0	10,3	
L+L <sub>j</sub> →	4,4	4,7	5,7	6,7	7,7	8,7	9,7	10,7	11,7	12,0	
1	0,55	0,55	0,55	0,55	0,55	0,55	0,55	0,55	0,55	0,55	
4	0,55	0,55	0,55	0,55	0,55	0,55	0,55	0,55	0,55	0,55	
5			0,55	0,55	0,55	0,55	0,55	0,55	0,55	0,55	
6				0,55	0,55	0,55	0,55	0,55	0,55	0,55	
7					0,55	0,55	0,55	0,55	0,55	0,55	
8						0,40	0,40	0,39	0,39	0,39	
9							0,29	0,28	0,28	0,28	
10								0,20	0,20	0,20	
↑R [m]	[ton]		LC532_V202_0521_JIB1200GX_GANCI0_J7								

		CRANE PERFORMANCE: J6									
[m] L →	2,6	3,0	4,0	5,0	6,0	7,0	8,0	9,0	10,0	10,3	
L+L <sub>j</sub> →	4,4	4,7	5,7	6,7	7,7	8,7	9,7	10,7	11,7	12,0	
1	0,55	0,55	0,55	0,55	0,55	0,55	0,55	0,55	0,55	0,55	
4	0,55	0,55	0,55	0,55	0,55	0,55	0,55	0,55	0,55	0,55	
5			0,55	0,55	0,55	0,55	0,55	0,55	0,55	0,55	
6				0,52	0,51	0,49	0,46	0,44	0,43	0,43	
7					0,35	0,34	0,33	0,31	0,31	0,31	
8						0,23	0,22	0,21	0,21	0,21	
8,1											
↑R [m]	[ton]		LC532_V202_0521_JIB1200GX_GANCI0_J6								

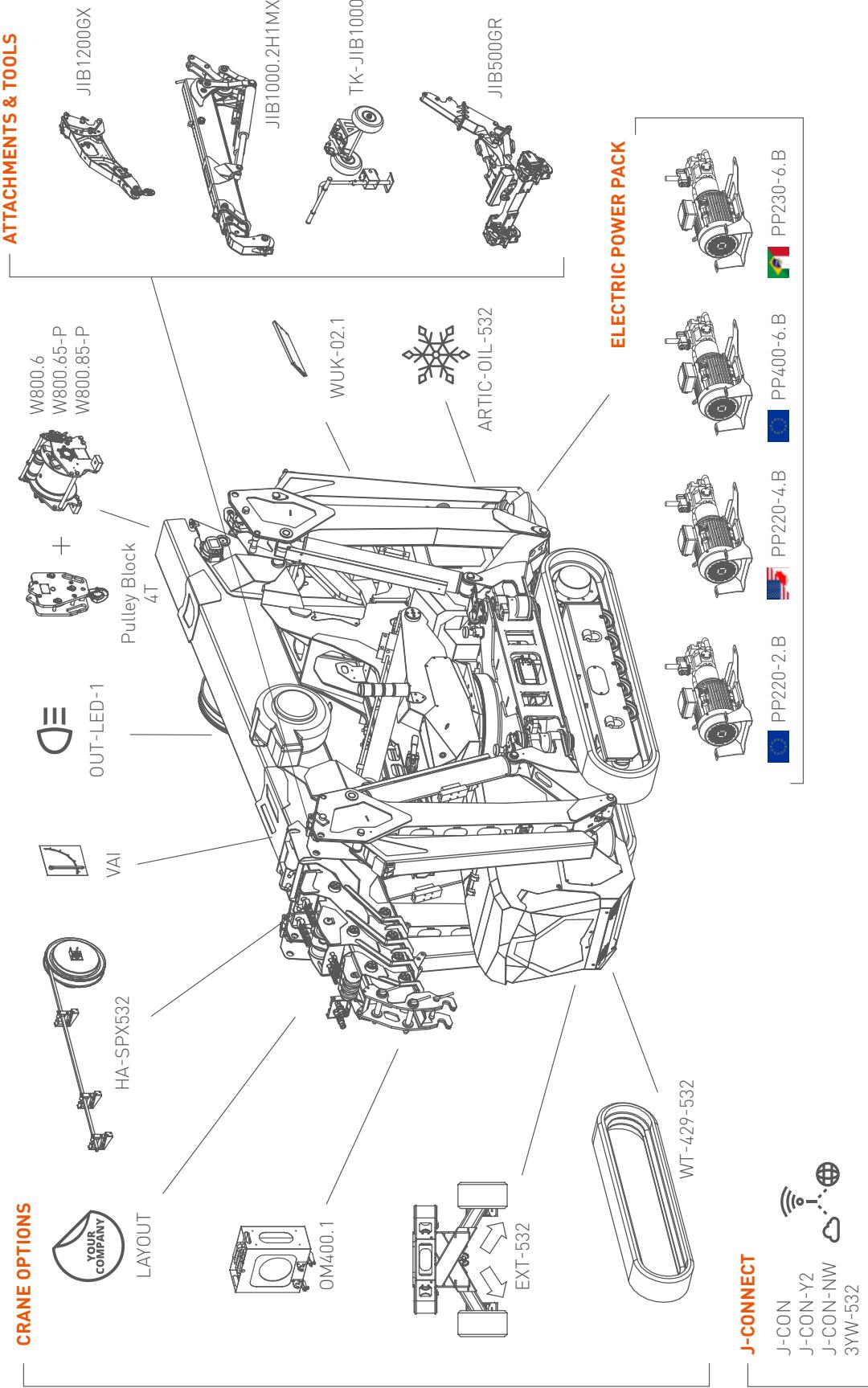
## SPX532 - JIB1200GX

		CRANE PERFORMANCE: J5			
[m]		L →	2,6	3,0	4,0
L+L <sub>j</sub> →		3,7	4,1	5,1	
1		0,55	0,55	0,55	
2		0,55	0,55	0,55	
3		0,55	0,40	0,40	
4			0,30	0,30	
5				0,20	
↑R [m]	[ton]				

LC532\_V202\_0521\_JIB1200GX\_GANCIO\_J5

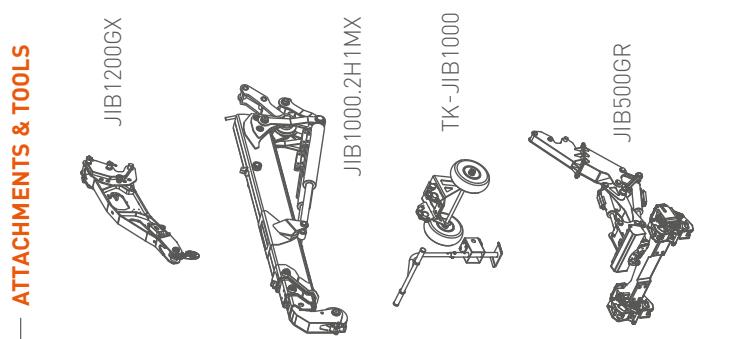


## ACCESSORIES SPX532CDH

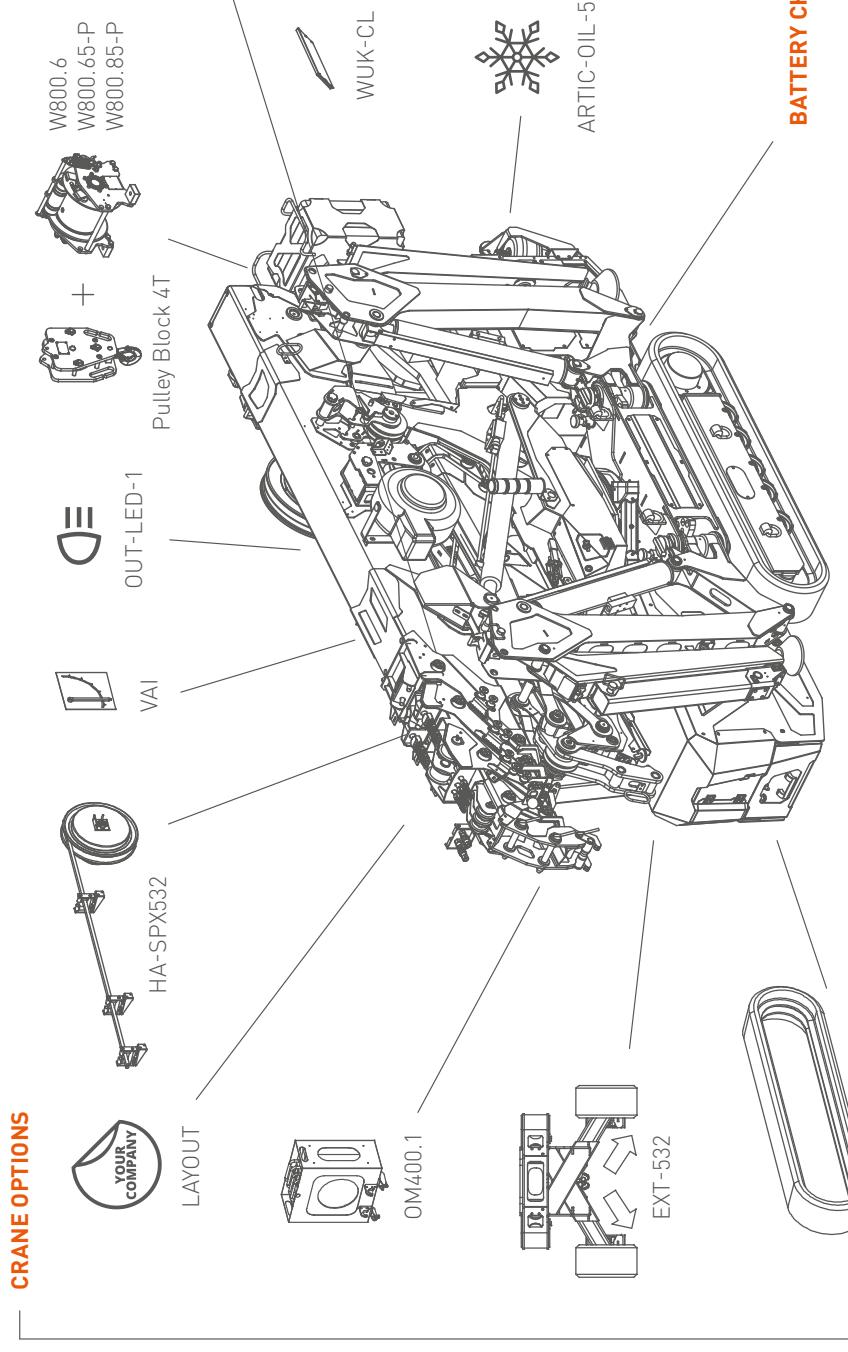


## ACCESSORIES SPX532CL

### ATTACHMENTS & TOOLS



### CRANE OPTIONS



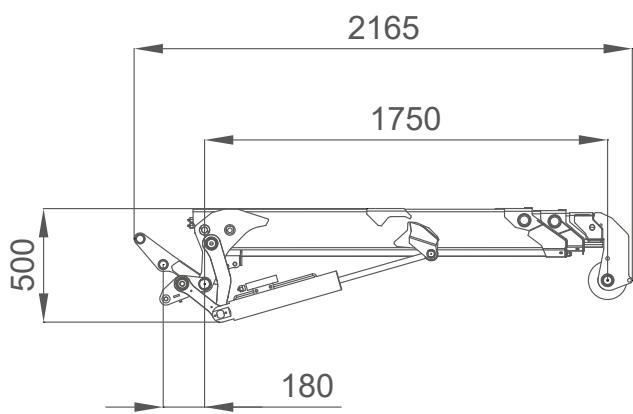
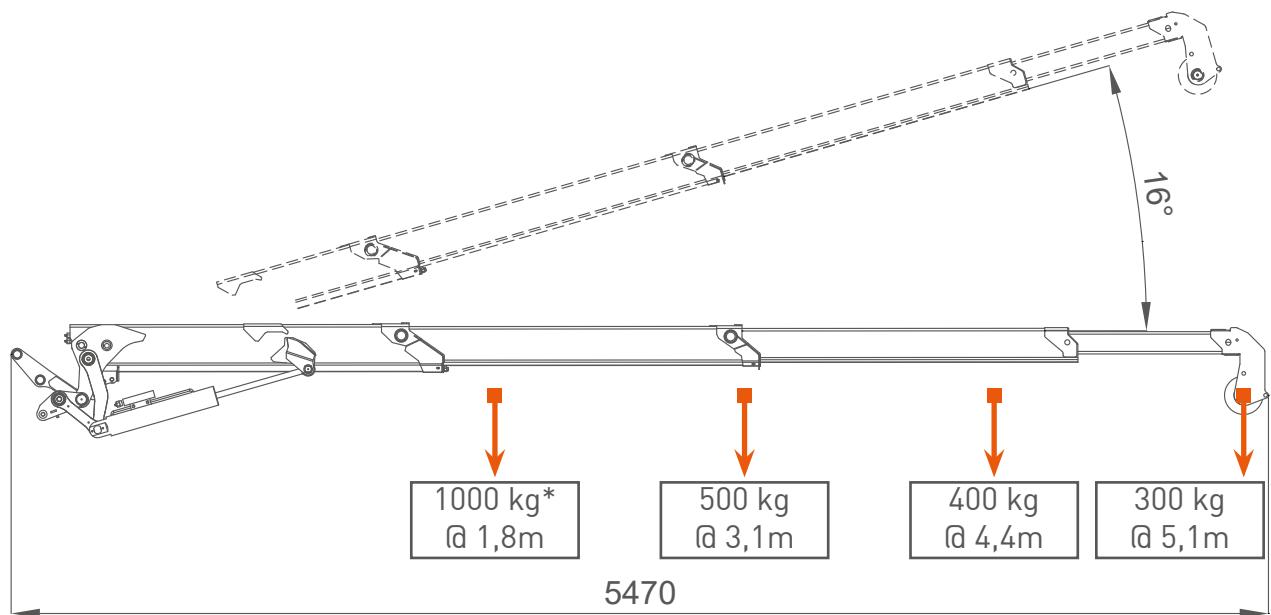
### BATTERY CHARGERS



### J-CONNECT



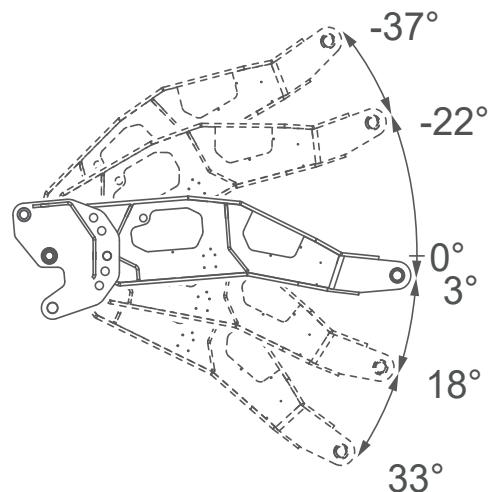
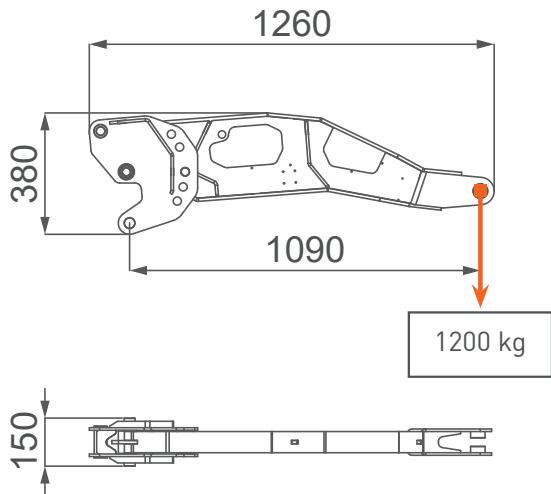
## ACCESSORIES FEATURES JIB1000.2H1MX



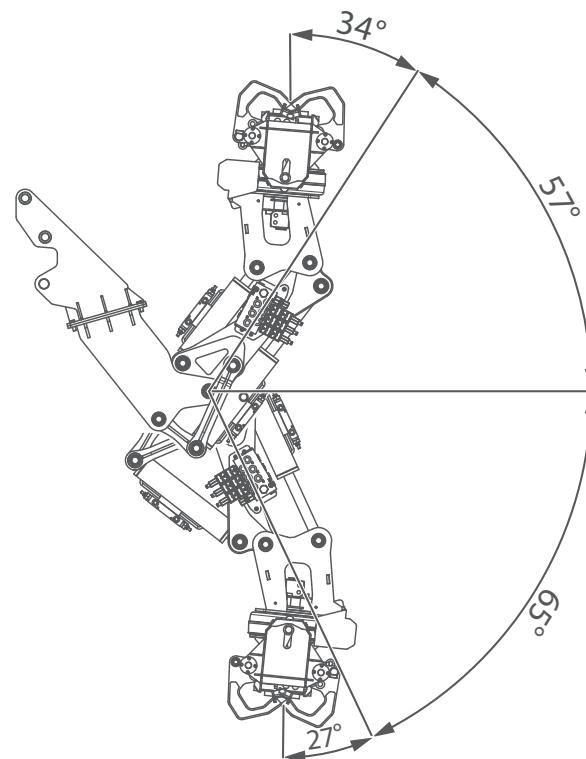
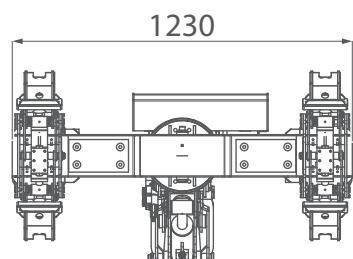
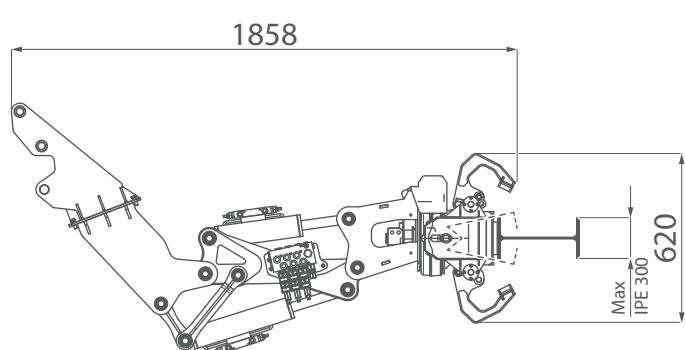
\*: Maximum capacity using hook, with winch this is limited to single fall winch capacity (800 kg).

[mm]

## JIB1200GX



## JIB500GR



## SYMBOLS

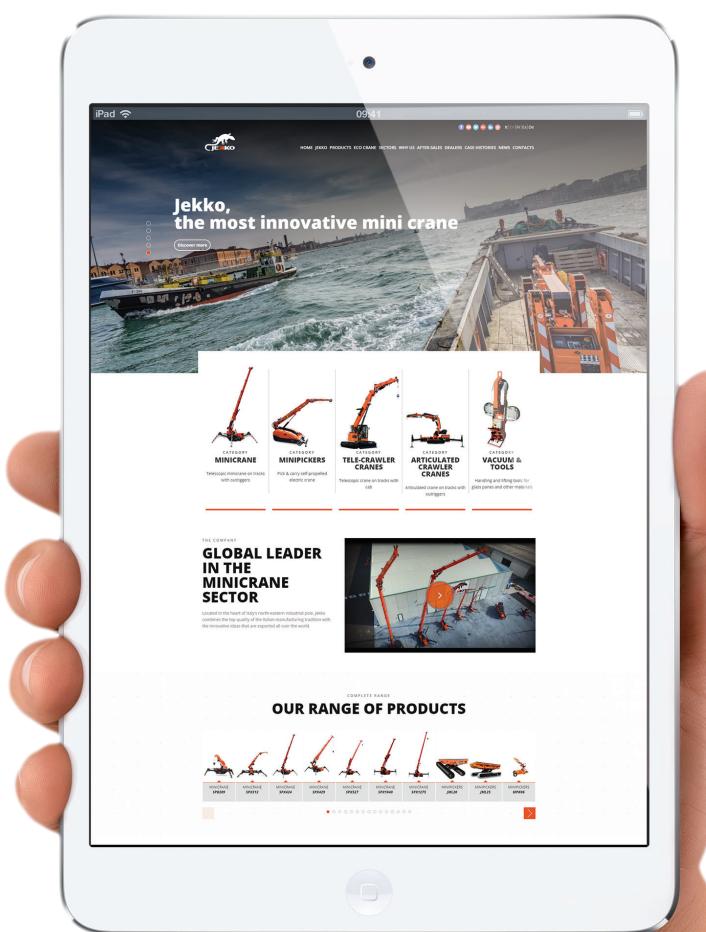
	Weight		Engine		Boom Angle		Minipicker
	Counterweight		Diesel Fuel		Boom Length		Back Wheel Loading Point
	Crane		Petrol Fuel		Boom Radius		Front Wheel Loading Point
	Dimensions		Tank		Jib on Board		Working Radius
	Stabilization Area		Power		Without Jib on Board		Stabilizing Bar
	Travel Speed		Battery		Jib Hook Radius		Standard
	Gradeability		Lithium Battery		Jib Length and Angle		Factory max. load
	Outrigger Load		Powerpack		Jib Length		Building site max. load
	Track Loading		Main Winch		Jib Radius		Maximum inclination of the machinery
	Outriggers Setup		Hookblock		Manipulator Length		Hydraulic oil
	Ext Tracks Width		Slewing		Manipulator Radius		Winter Warm-up Kit
	Chart on Tracks		Slewing Locked		Number of vacuum pads		Horizontal Boom Angle
	Slope		Outriggers mats		Grabber		White Pads for Steel Tracks

### 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.

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**EN** All specifications and features herein described can be changed without prior advice. All indicated data are indicative only and are not binding as crane performs differently depending on its use. **IT** Tutte le caratteristiche e le specifiche descritte possono essere soggette a variazioni senza preavviso. Tutti i dati riportati sono forniti a puro titolo informativo e non sono impegnativi dal momento che le prestazioni della macchina variano in funzione dell'utilizzo. **DE** Unangekündigte Änderungen sämtlicher Eigenschaften und Daten sind möglich. Alle Angaben sind Richtwerte und nicht verbindlich da die Leistungen der Vorrichtung von deren Einsatz abhängen. **ES** Todas las características y las especificaciones aquí indicadas pueden ser sujetas a variaciones sin aviso. Se dan todos los datos aquí indicados como simples informaciones. No se consideran como vinculantes, dado que las prestaciones del maquinario pueden variar. **FR** Toutes les caractéristiques et le spécifications descriptives peuvent être sujet à variation sans préavis. Tout les données rapportées sont fourni à titre informatif et ne sont pas engagées au moment que la prestation de la machine change en fonction de l'emploi.



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