



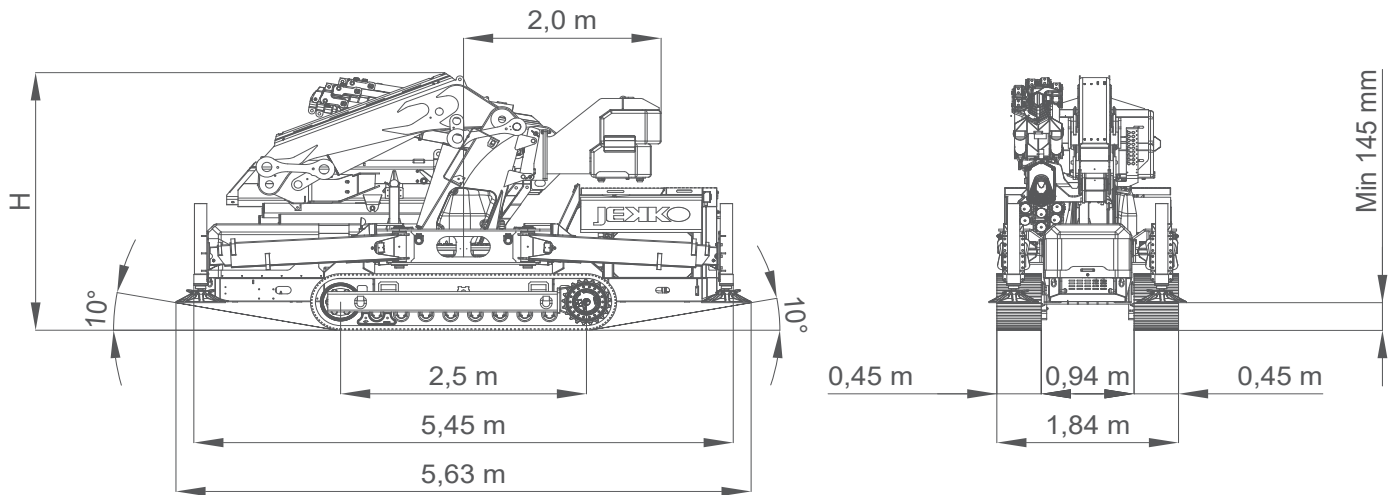
Technical Data

Specification & Capacities

JF545

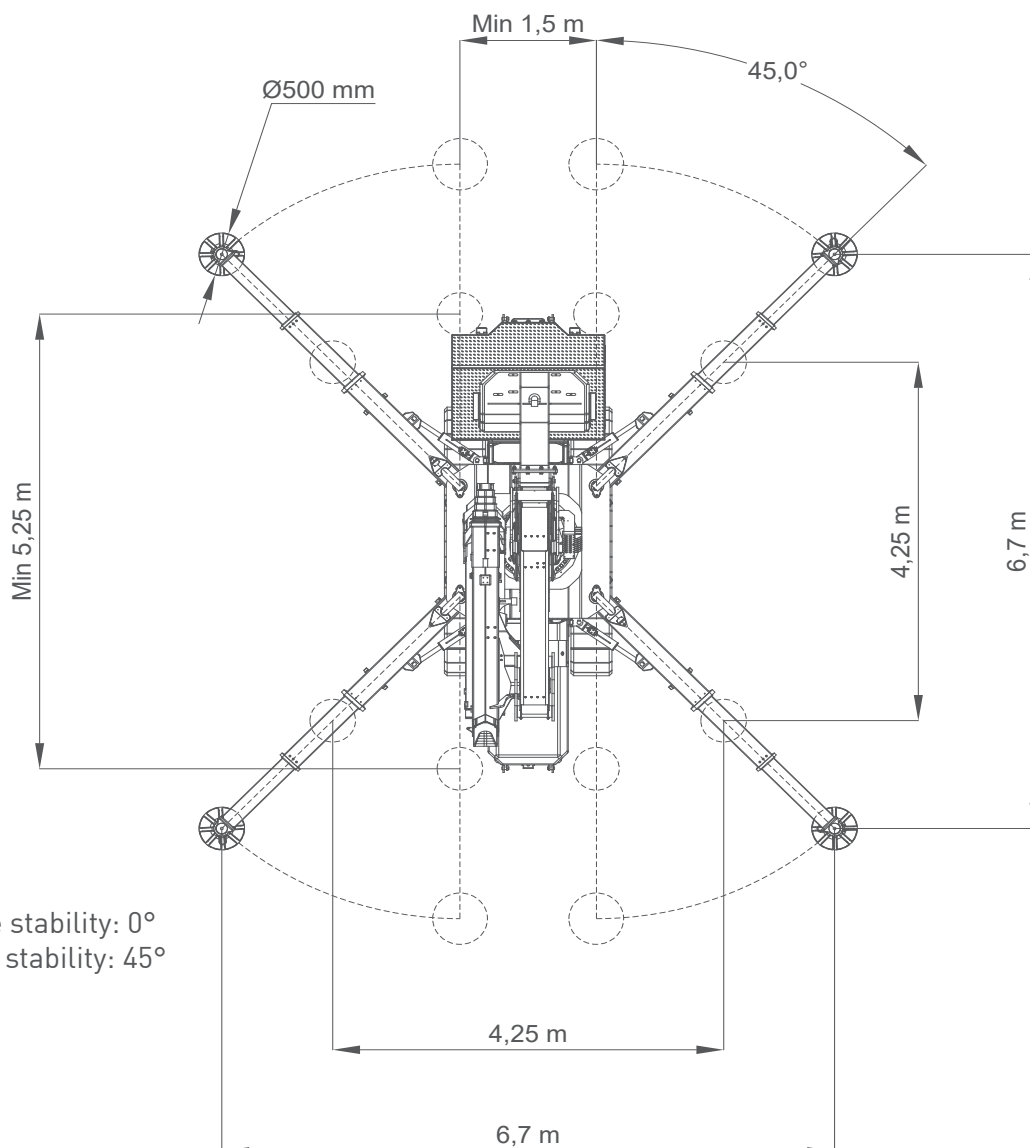
OVERALL DIMENSIONS

(with jib and low marking pads)



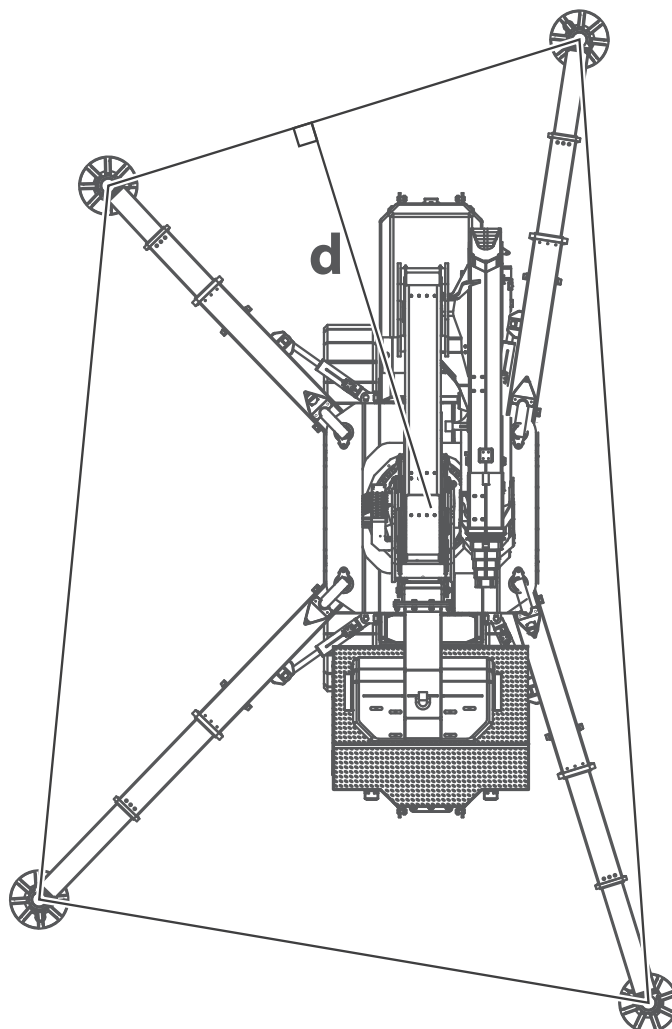
H=2,83 m with V20 winch / H=2,90 m with V30 winch

STABILIZATION AREA



Min angle stability: 0°
Max angle stability: 45°

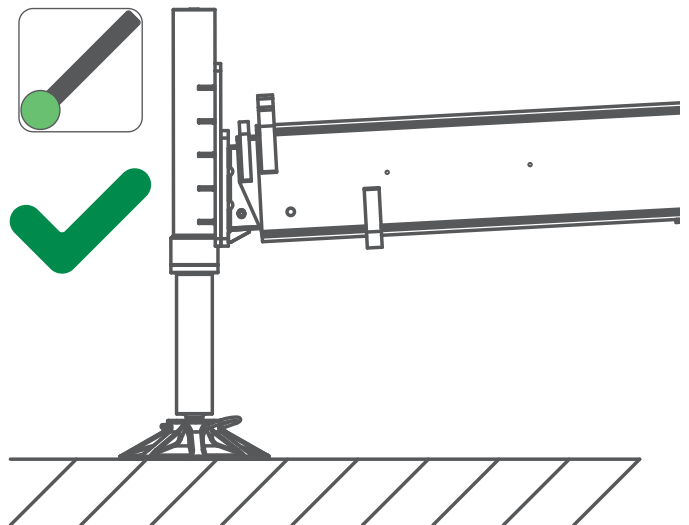
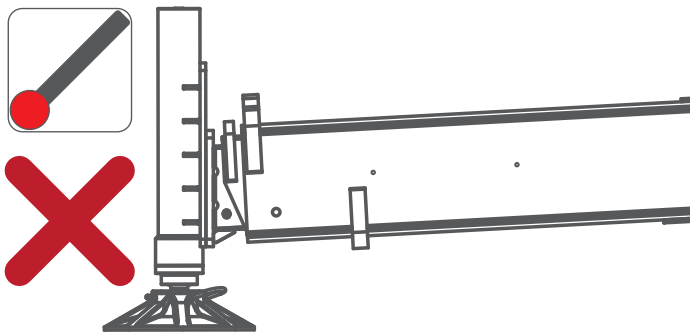
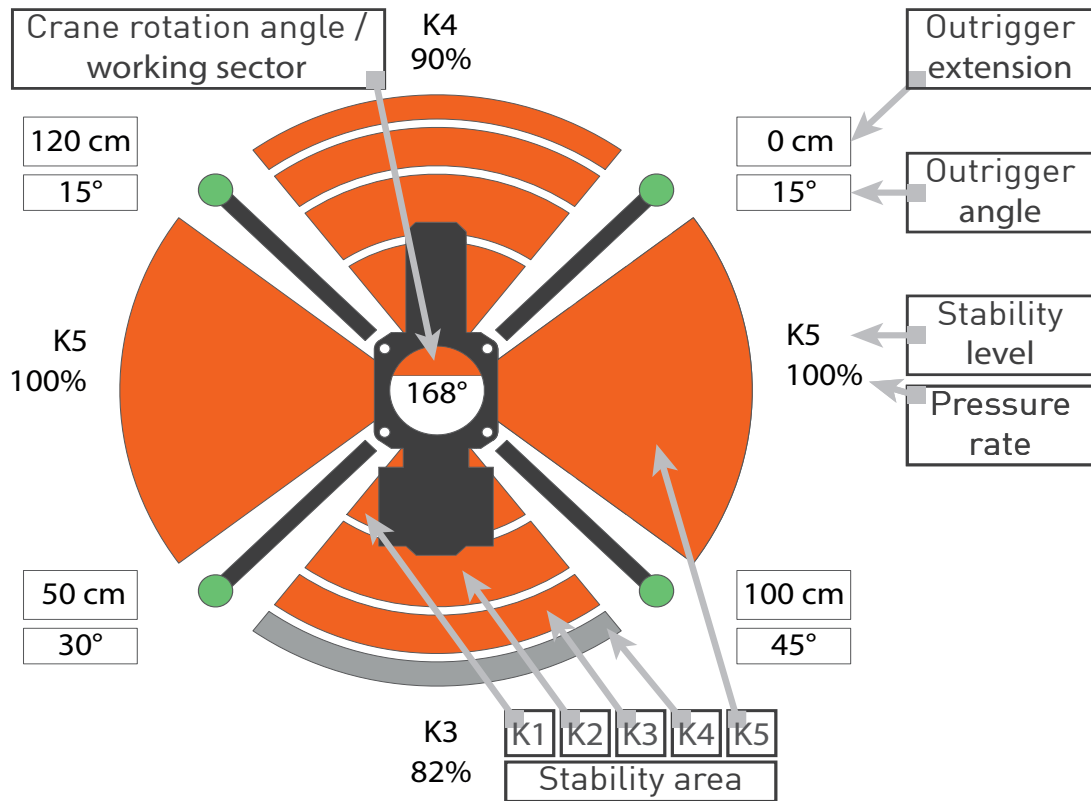
CRANE PERFORMANCE



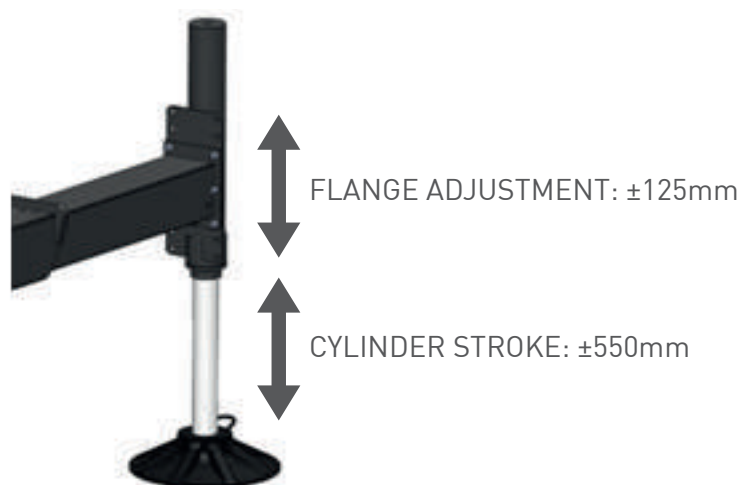
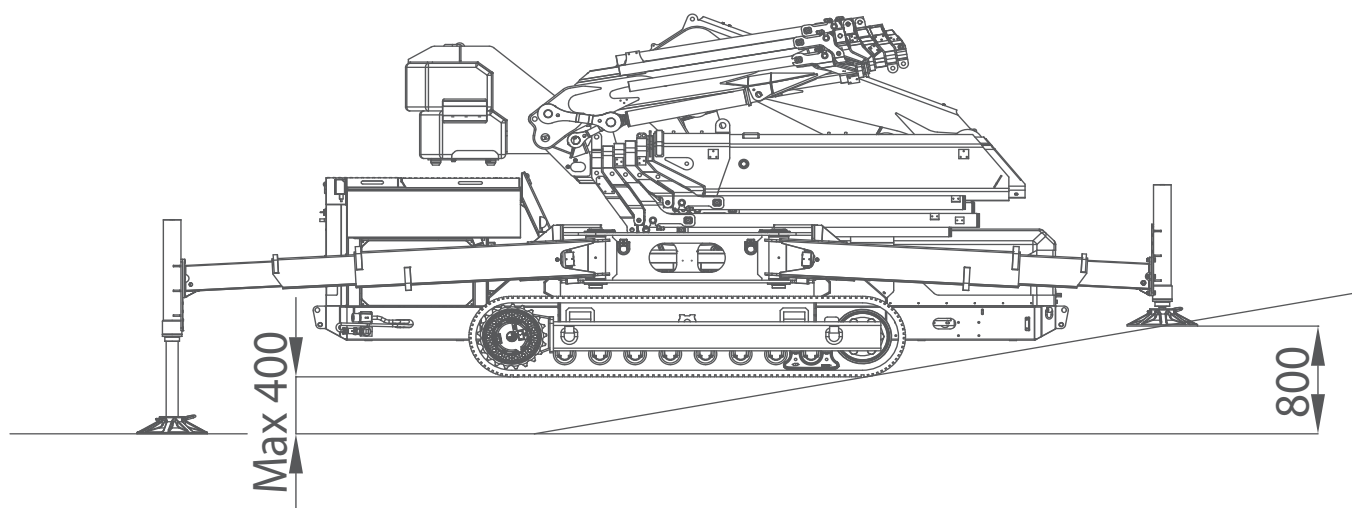
K	d min	d max
K1	1,6 m	2,0 m
K2	2,0 m	2,6 m
K3	2,6 m	3,1 m
K4	3,1 m	3,2 m
K5	3,2 m	-

STABILIZATION CHART

The division in 4 areas is a schematic representation, software adapts level pressure continuously.

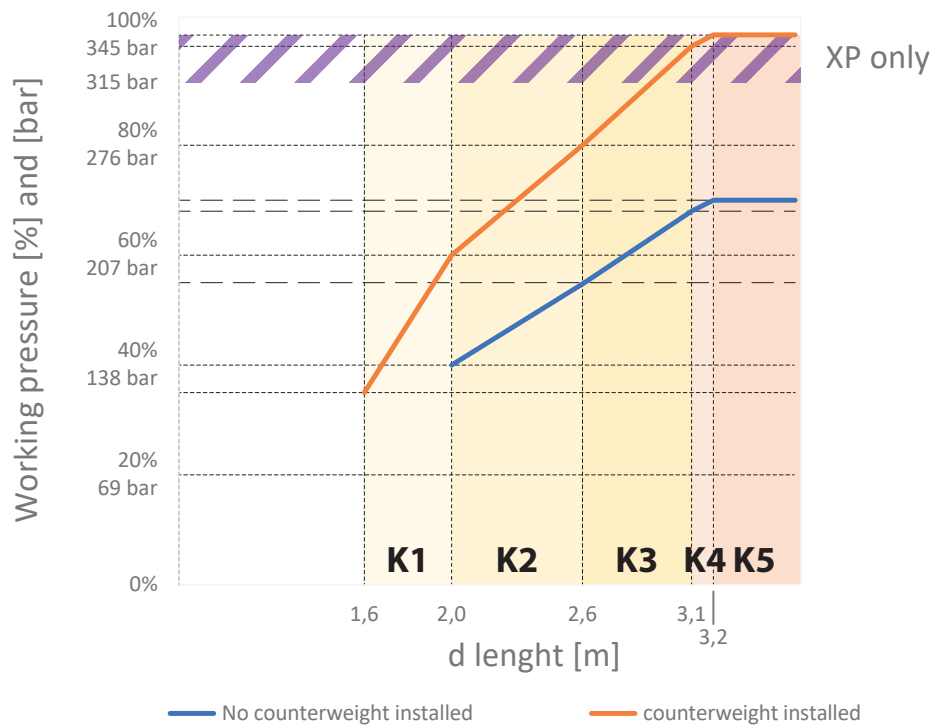


STABILIZATION ADJUSTMENT

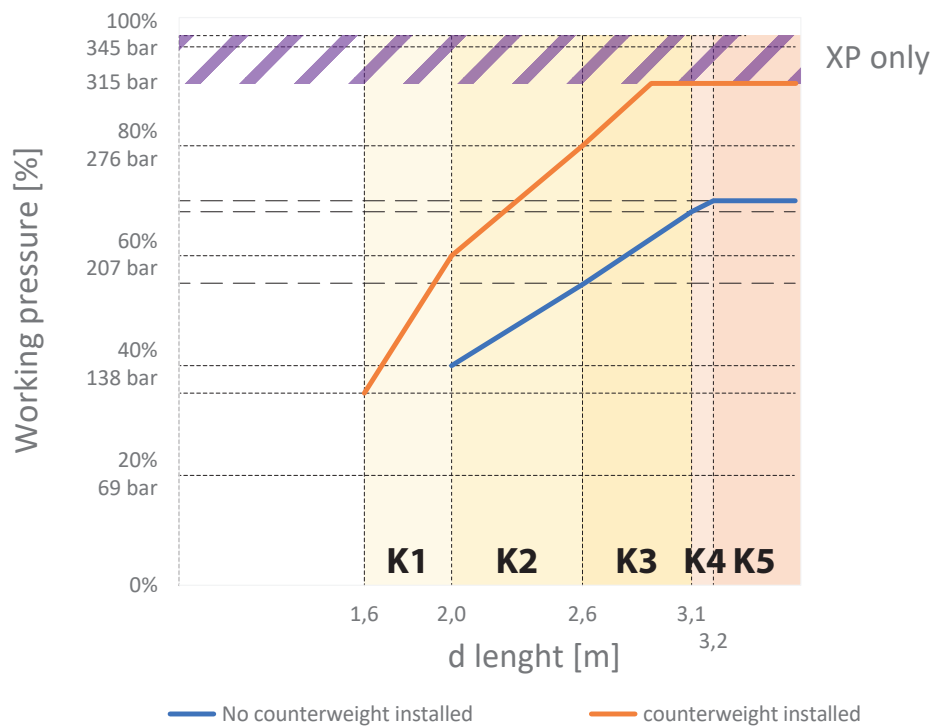


JF545 - MAIN BOOM

with HOOK

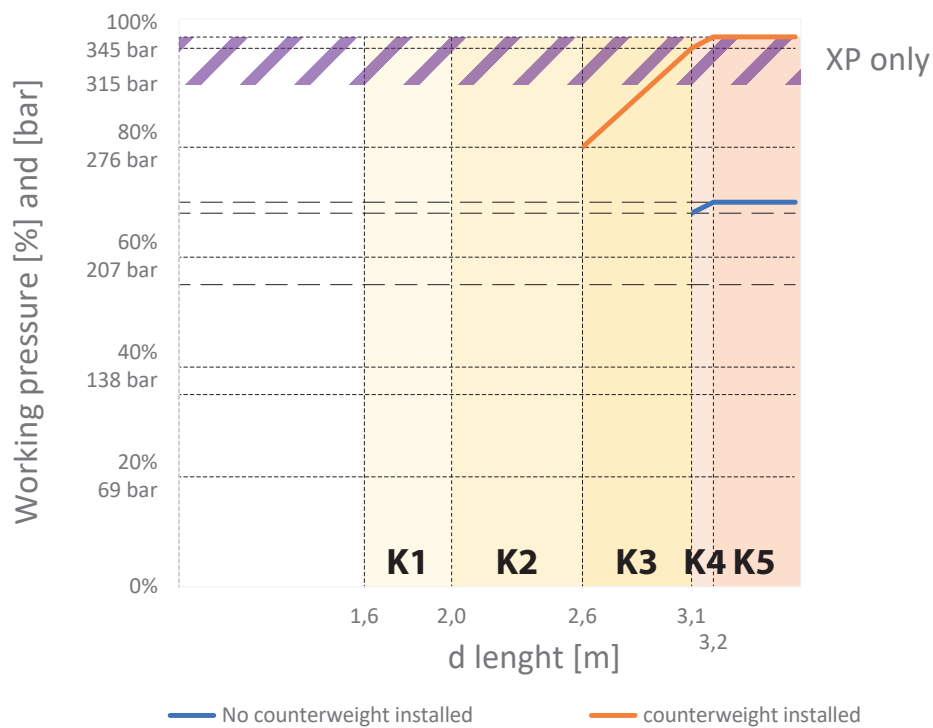


with WINCH

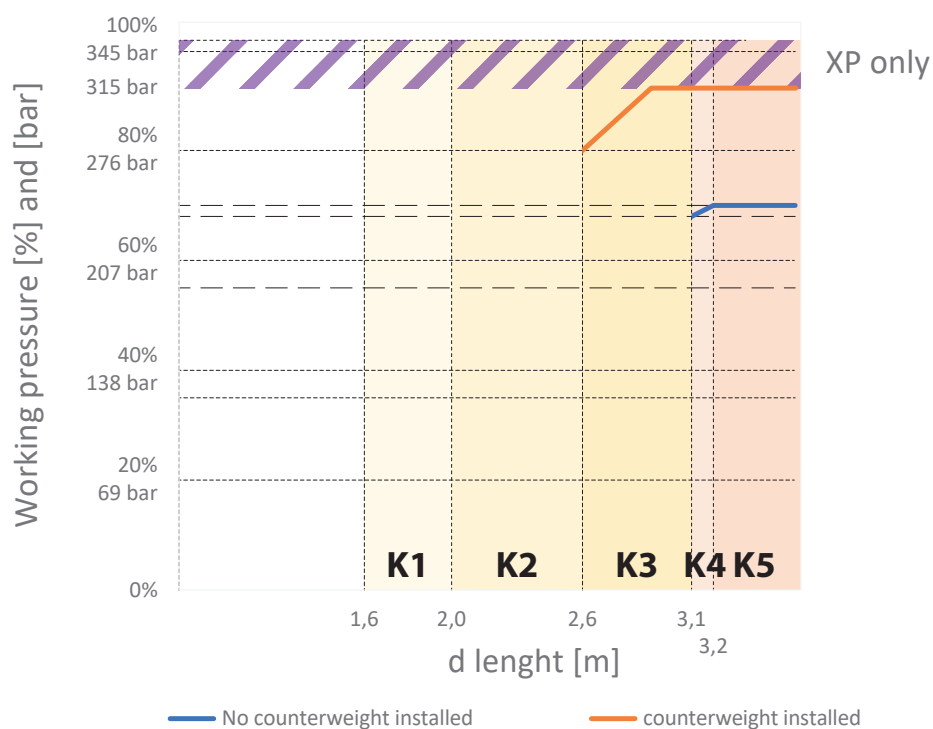


JF545 - JIB3000.6HA

with HOOK



with WINCH



OVERALL INFORMATION

WEIGHT		Name/ version	kg*
	 Crane	ALL	13500
	 Counterweight	ALL	3500
	 Winch	W2000-JFM	200
		W3000-JFM	200
	 Hookblock	SINGLE FALL	47
		DOUBLE FALL	58
		TRIPLE FALL	57
		JIB SINGLE FALL	75
	 Power Pack	3-PHASE POWERPACK	80
		L426	1200
	 Jib	MEH-545.6	90
		ME1-545.6	95
		MEH-JIB3000.6HA	23
		ME1-JIB3000.6HA	36
	Low marking pads	WTP-JFM	300 (3,25 x 92)
	 Outriggers mats	OM500	30

ENGINE	 Engine	KUBOTA V3307-CR-TE4B	
	kW Power	55,4kW 74HP	
	 Fuel	DIESEL	
	 Tank	L	75
ELECTRIC	kW Power	400V-3F 13kW 17,4HP	
HYDRAULIC	 Hydraulic Oil	ISO 6743-4:HVLP with VG46 viscosity class	
		Working temp	<70°C
		L	200
MOVEMENTS	 Travel Speed	km/h	1 / 2
	 Gradeability	20° (36%) [†]	
	 Track Load	kg/cm ²	0,85
	 Outtrigger Load	kg	11250 [‡]
	 Working Angle	0°/80°	
		s	Primary: 37 Secondary: 47
	 Slewing	360°	
		rpm	0,67
	 Boom Telescoping	m	18,3
		s	42 [§]

OIL COOLER	Weight	kg	16*
	Voltage	V	12
	Working Temperature	°C	-20 / +40
	Working Pressure	bar	16 / 21
	Fluid Flow	L/min	180

*: Dry weight

†: Engine working limit

‡: Static lifting

§: Timing without load, fully stabilised and without XP

WINCH PERFORMANCE

W2000-JFM				
WINCH	Layer	Max pull line	Standard rope speed	Highest rope speed
		kg	m/min	m/min
	1	2600*	36,5	N/A
	2	2400*	40,0	N/A
	3	2200*	43,5	N/A
	4	2040*	47,0	N/A
ROPE	Wire rope	Ø	Total lenght	Max load
		mm	m	kg
	Right lang lay	12	60	2400
HOOK BLOCK	Load	N° of		Block type
	kg	Sheaves	Lines	
	6000	1	3	Triple fall block
	3500	1	2	Double fall block
	2000	-	1	Single fall block

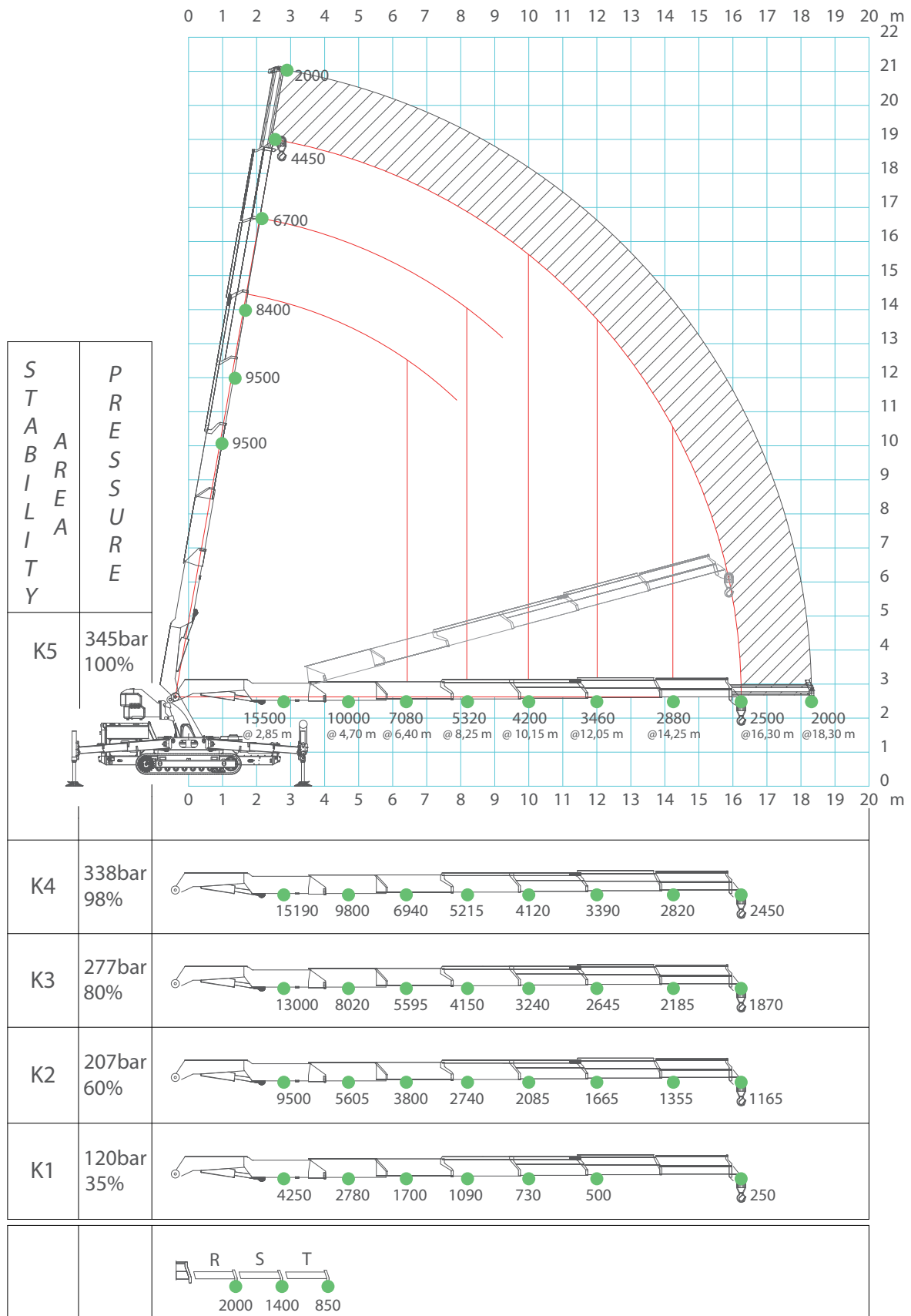
W3000-JFM				
WINCH	Layer	Max pull line	Standard rope speed	Highest rope speed
		kg	m/min	m/min
	1	3870†	45,0	N/A
	2	3565†	49,0	N/A
	3	3260†	53,0	N/A
ROPE	Wire rope	Ø	Total lenght	Max load
		mm	m	kg
	Right lang lay	14	60	2400
HOOK BLOCK	Load	N° of		Block type
	kg	Sheaves	Lines	
	6000	1	2	Double fall block
	3000	-	1	Single fall block

*: LMI limited at 2000 kg

†: LMI limited at 3000 kg

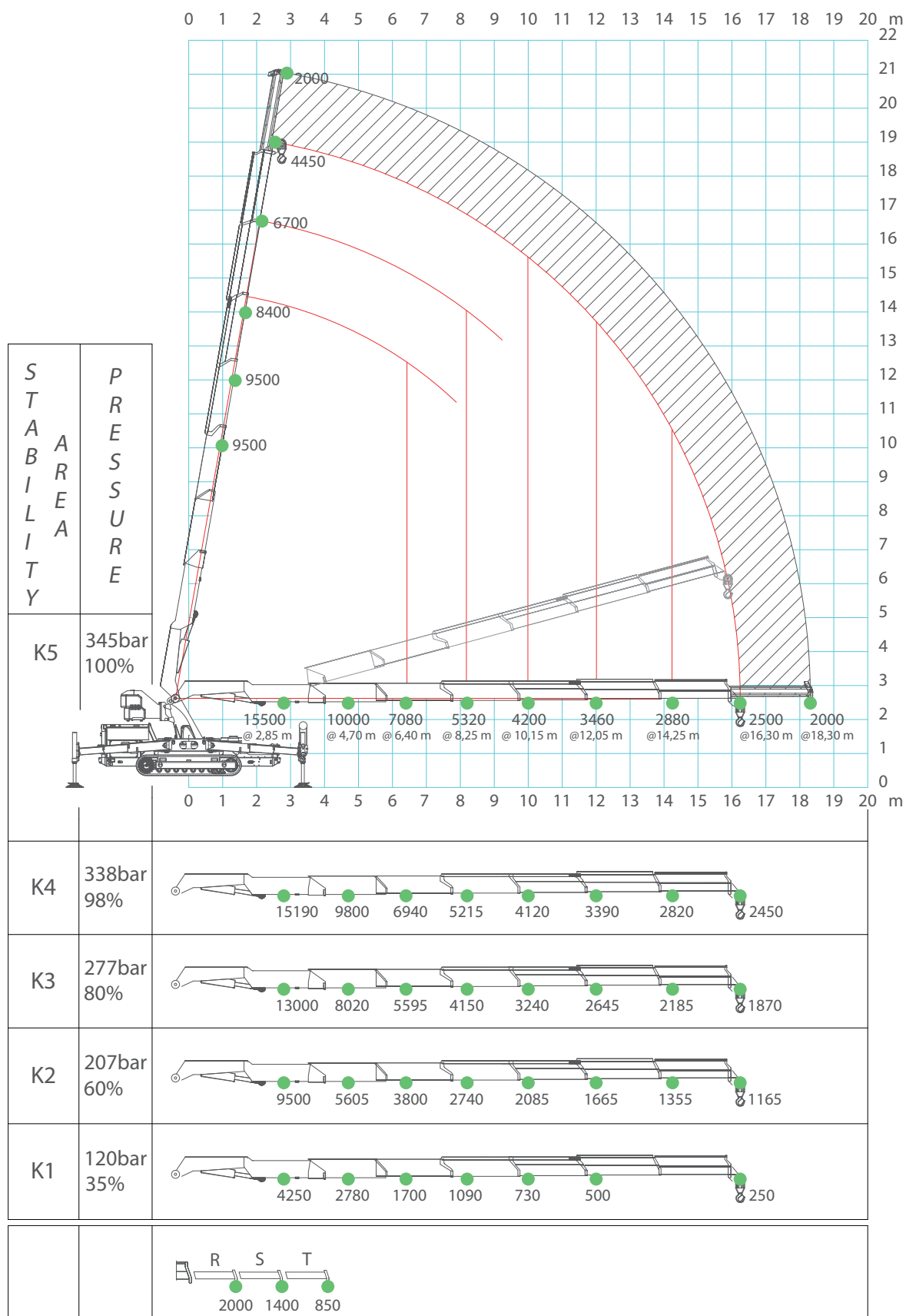
JF545 - MAIN BOOM

HOOK and FULL COUNTERWEIGHT installed



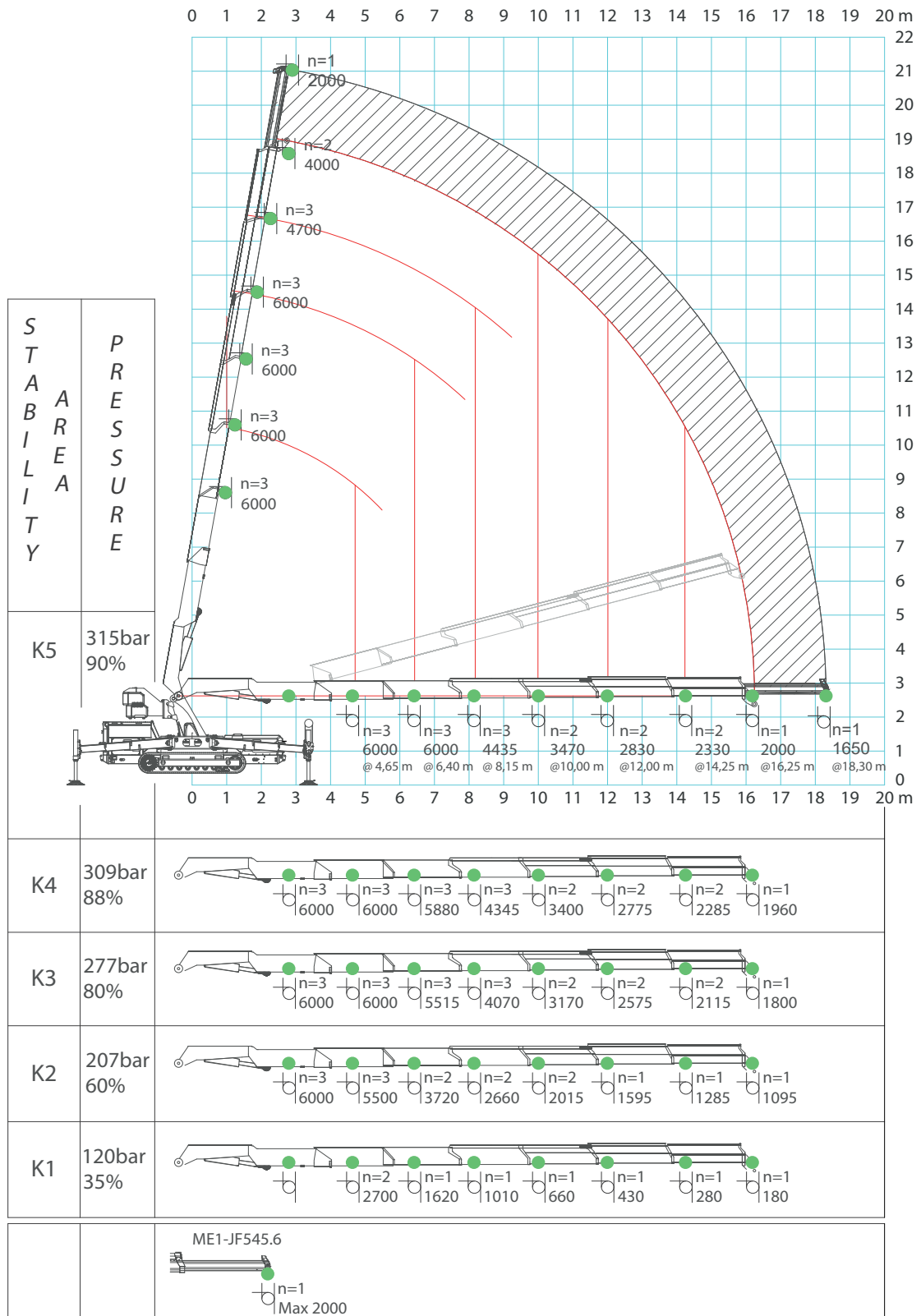
JF545 - MAIN BOOM

HOOK and NO COUNTERWEIGHT installed



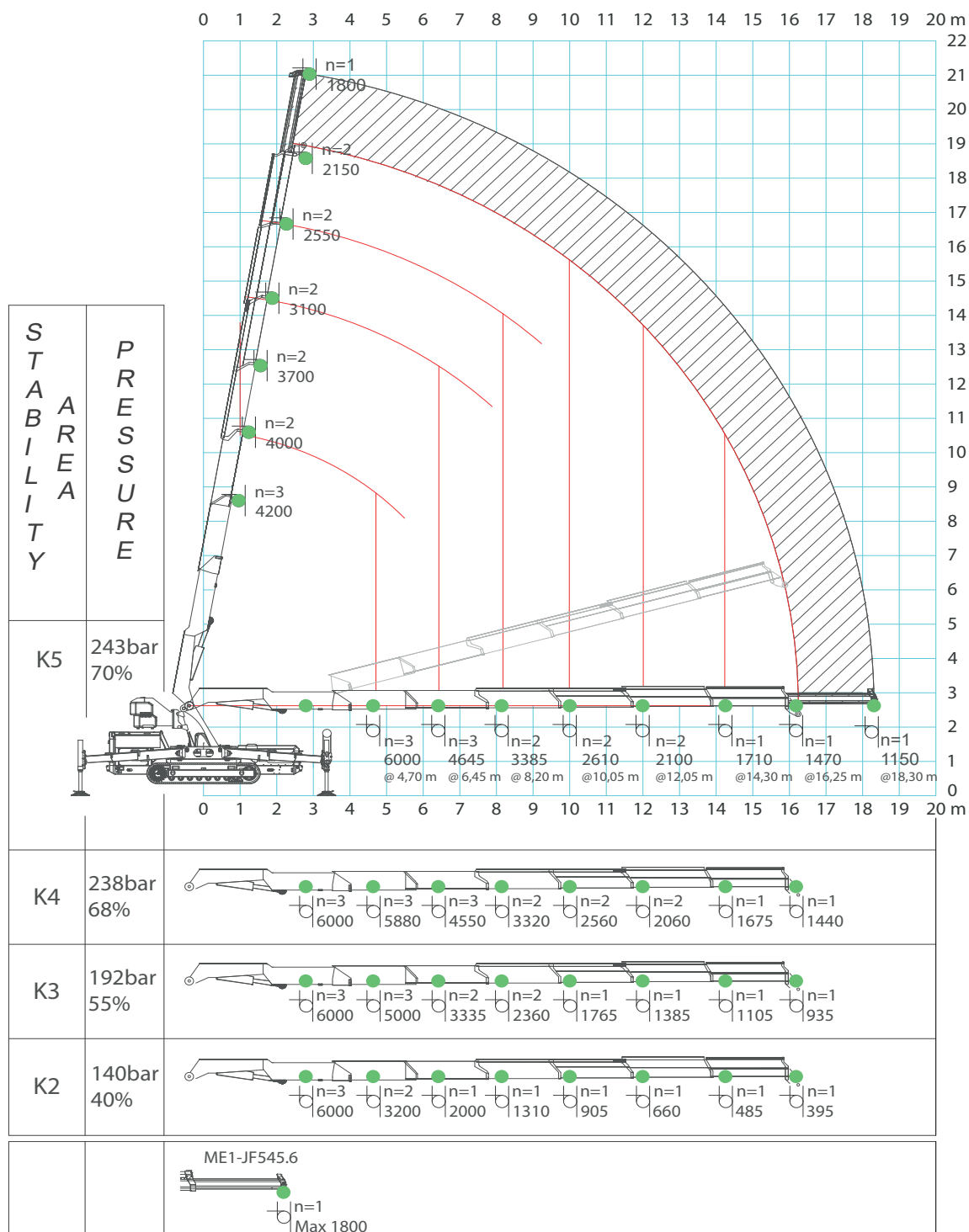
JF545 - MAIN BOOM

W2000-JFM and FULL COUNTERWEIGHT installed



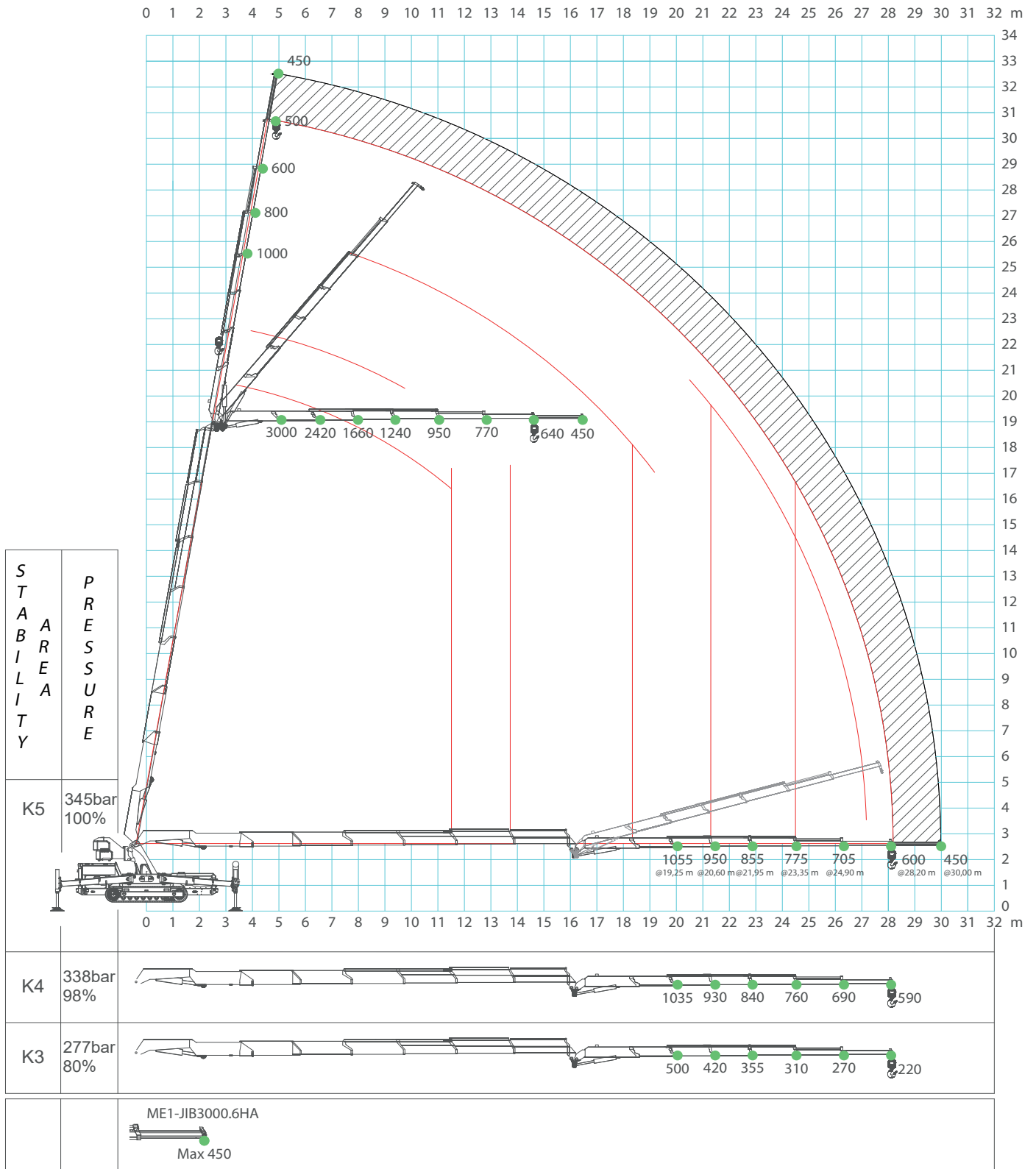
JF545 - MAIN BOOM

W2000-JFM and NO COUNTERWEIGHT installed



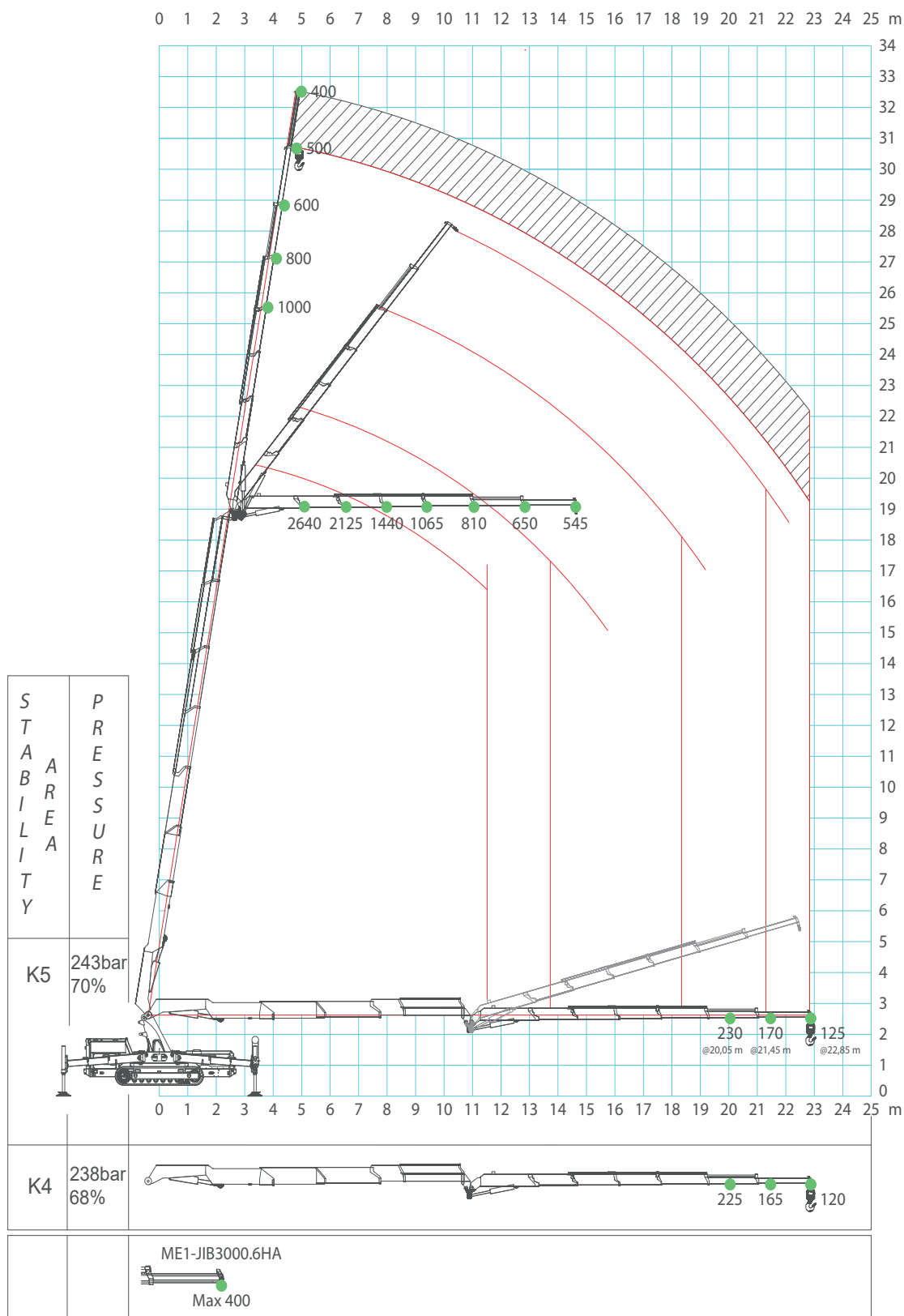
JF545 - JIB3000.6HA

HOOK and FULL COUNTERWEIGHT installed



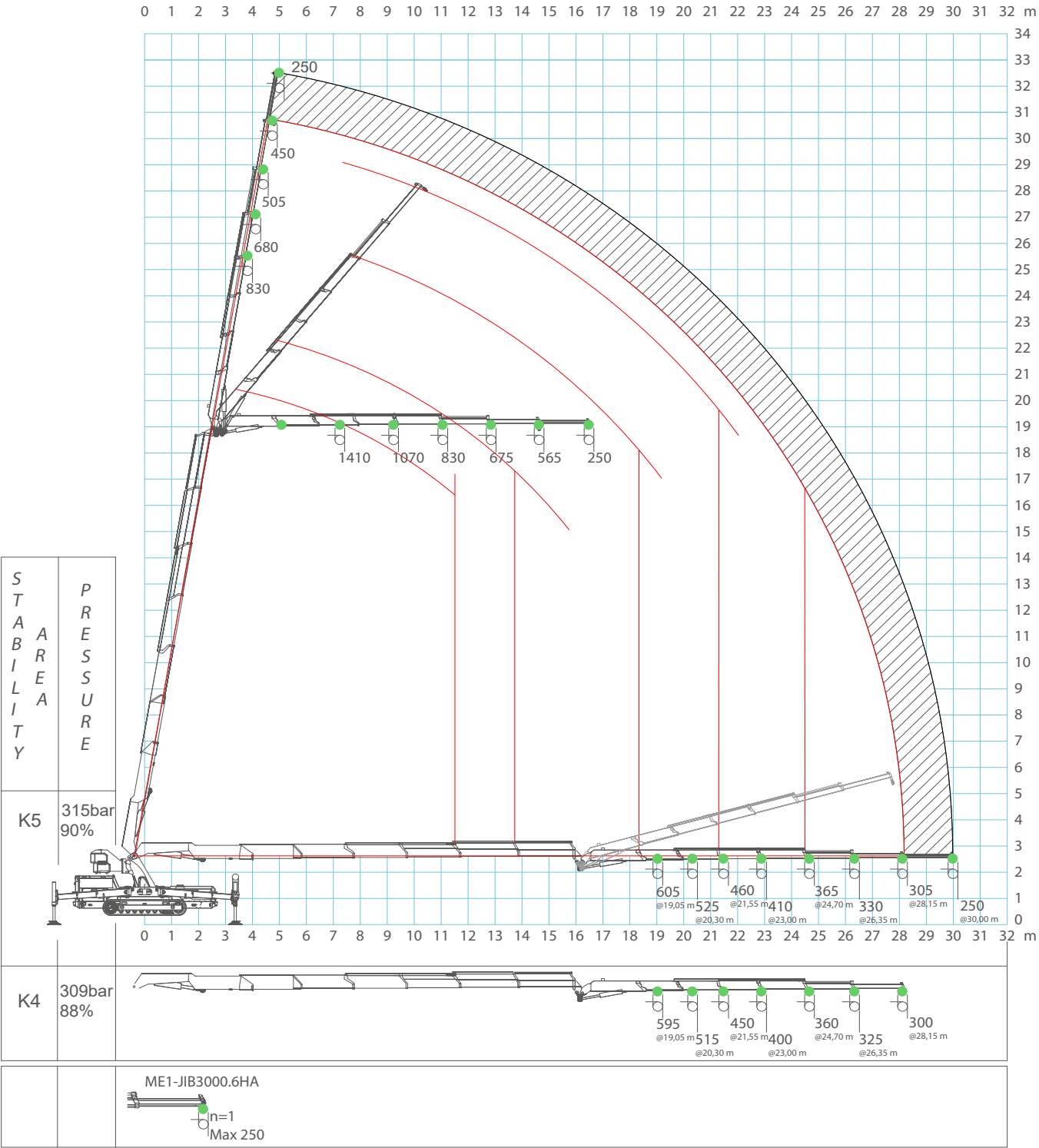
JF545 - JIB3000.6HA

HOOK and NO COUNTERWEIGHT installed



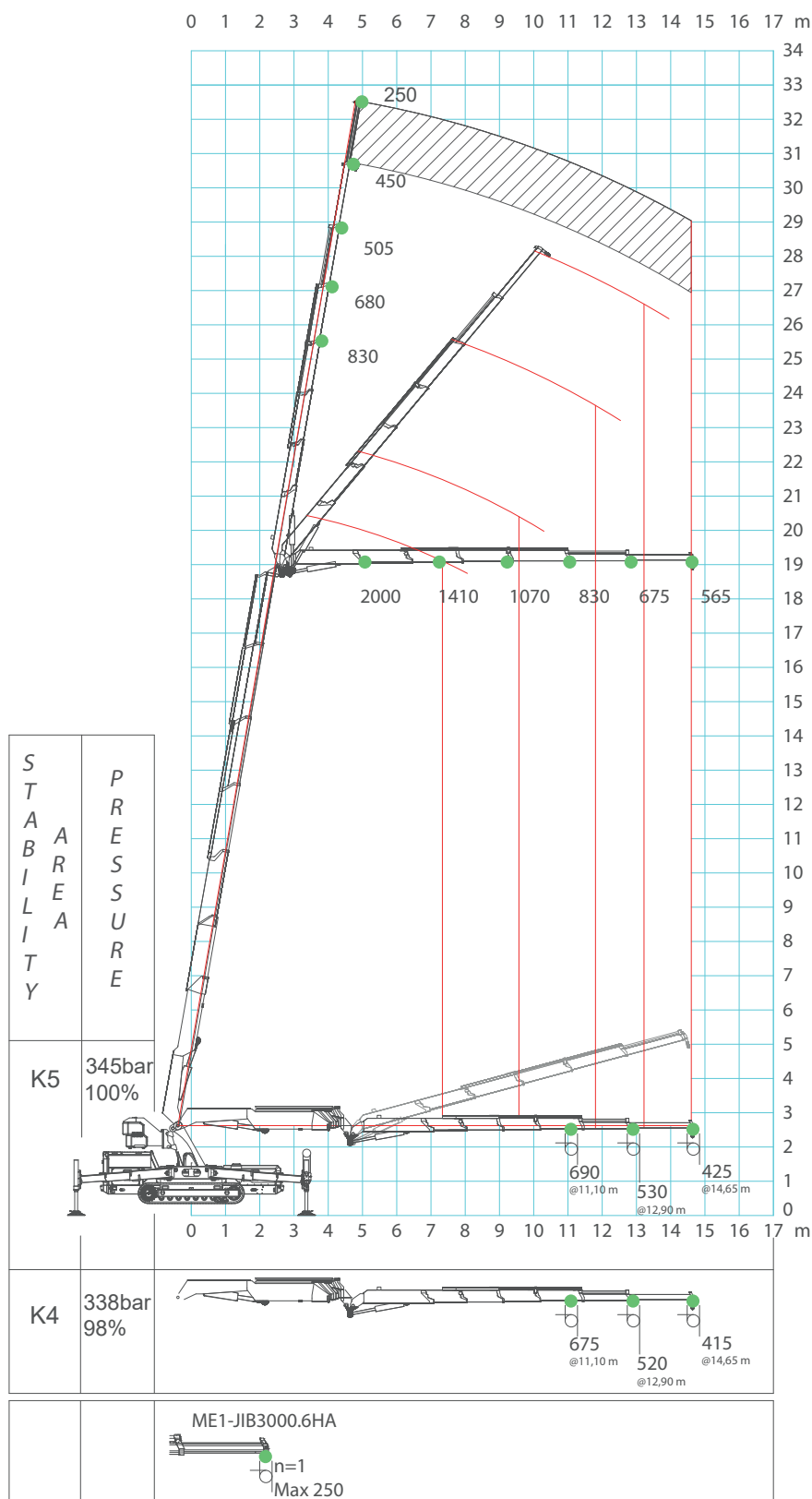
JF545 - JIB3000.6HA

W2000-JFM and FULL COUNTERWEIGHT installed



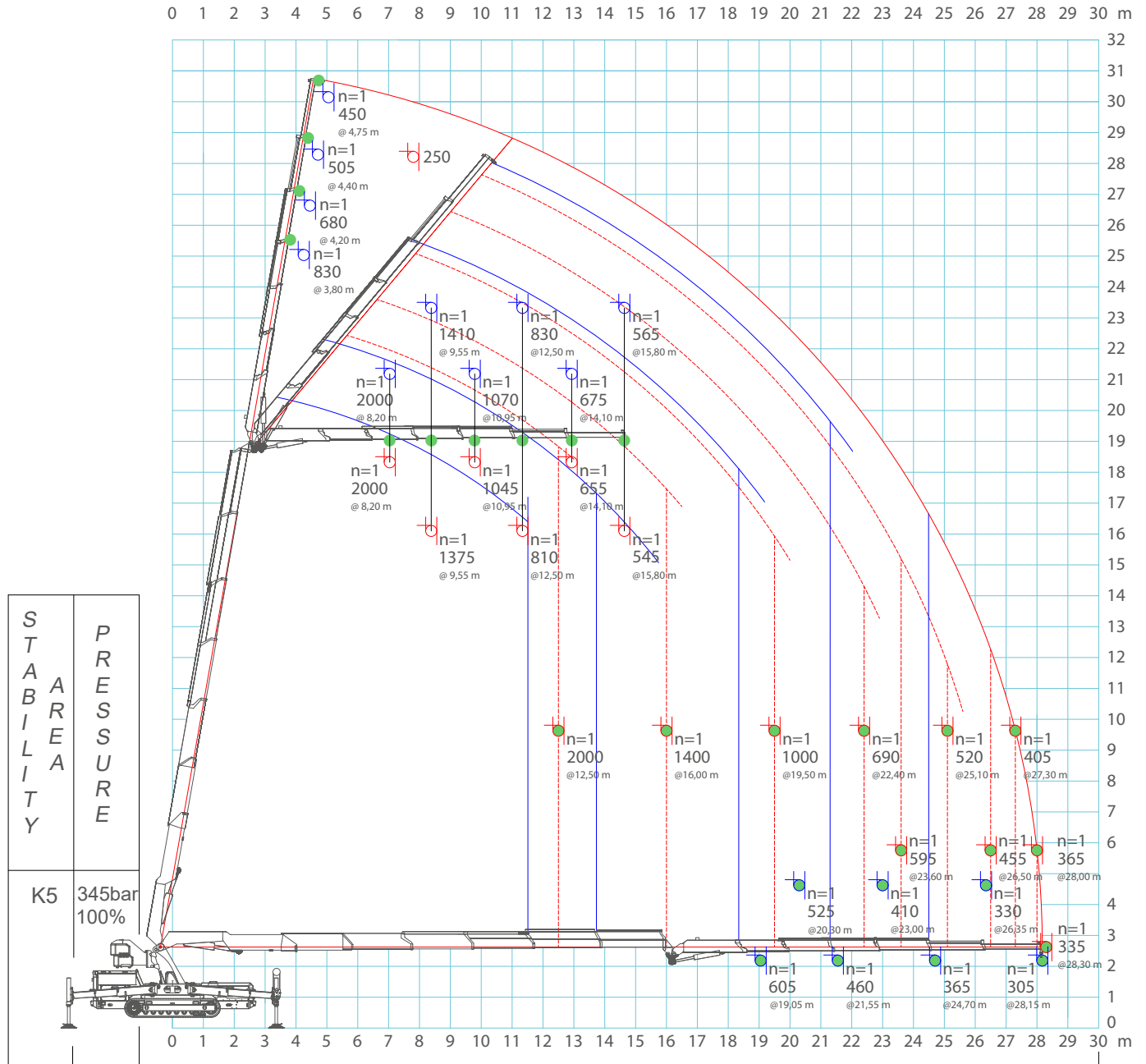
JF545 - JIB3000.6HA

W2000-JFM and NO COUNTERWEIGHT installed



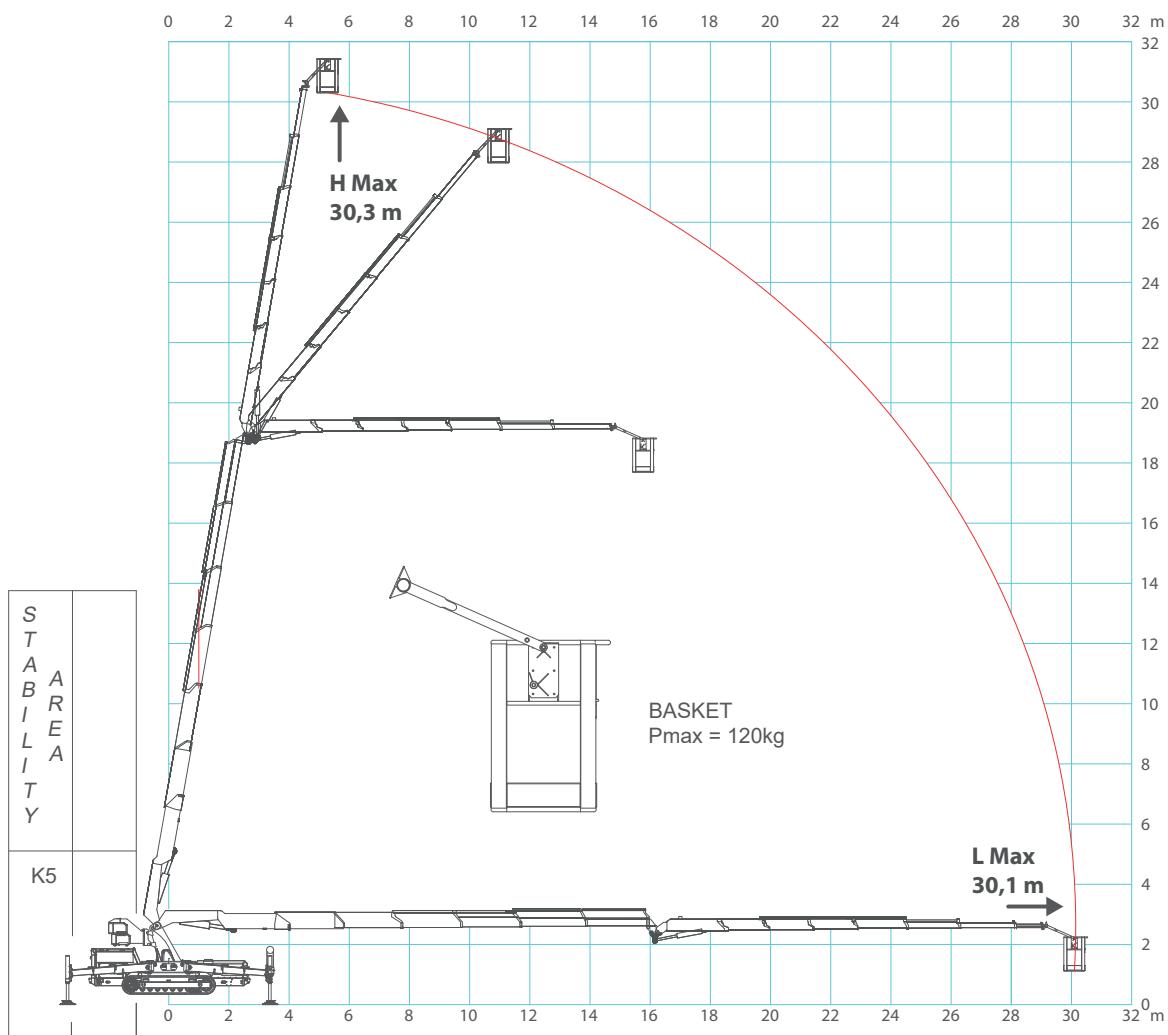
JF545 - STATIC/DYNAMIC LIFTING CAPACITY

W2000-JFM and FULL COUNTERWEIGHT installed



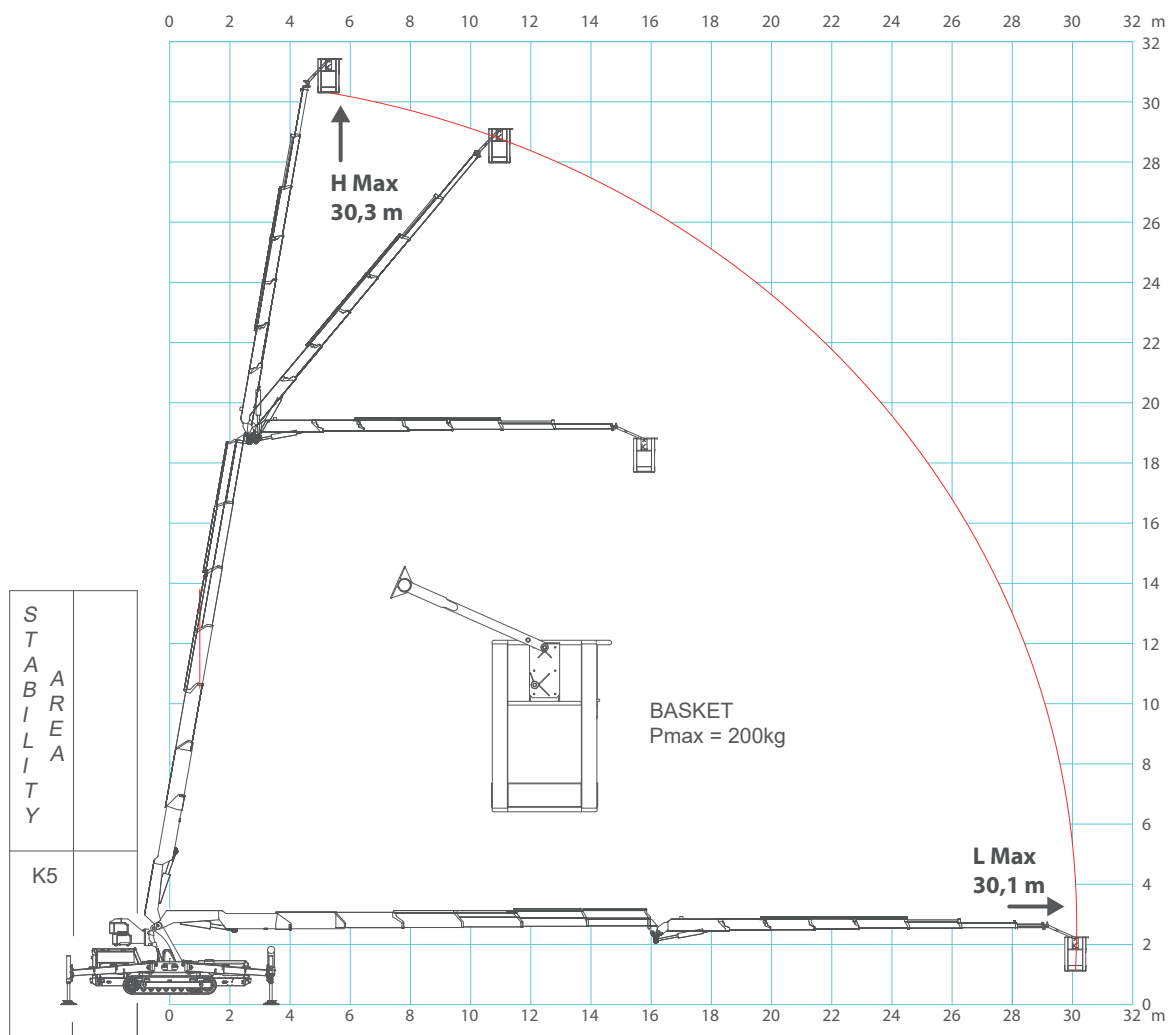
JF545 - MWP-1PG.JIB3000.6H

Man Working Platform for 1 Worker



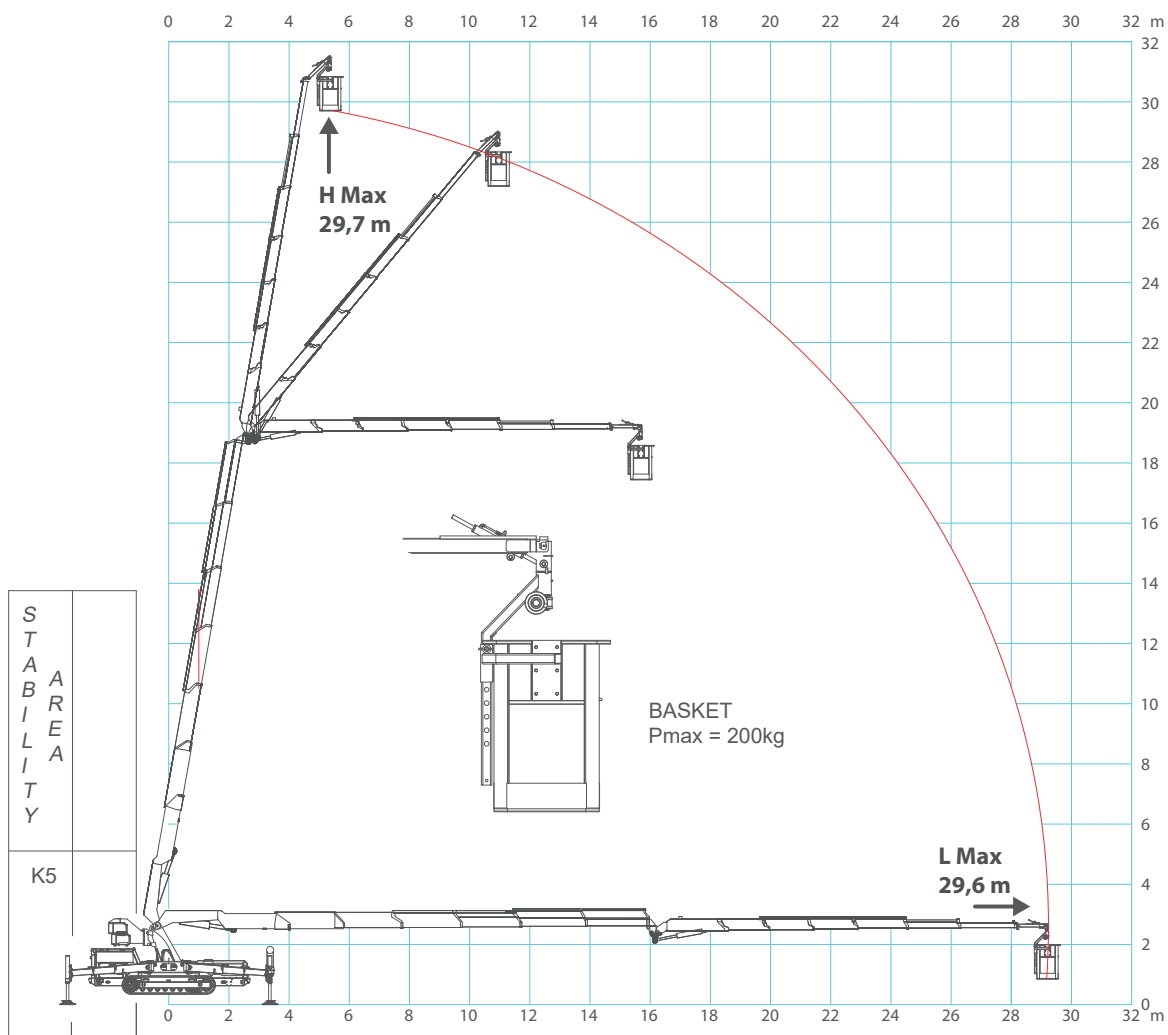
JF545 - MWP-2PG.JIB3000.6H

Man Working Platform for 2 Workers



JF545 - MWP-2PGR.JIB3000.6H

Rotating Man Working Platform for 2 Workers

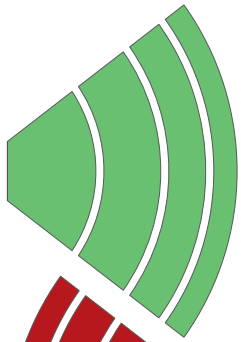


PLE STABILITY CONDITION

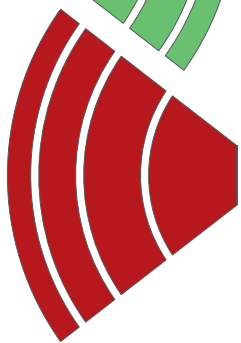
Maximum stability needs 8 conditions: 4 complete outriggers rotation and 4 complete outriggers extension. Every lack of condition induces a loss of working area. If more than one condition lack inhibit sectors are added.

Outrigger rotation is considered at its maximum when angle is $<43^\circ$.

Outrigger extension is considered at its maximum when is greater than 95%.



Permitted working area.



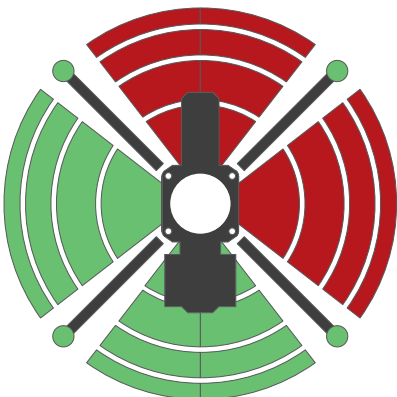
Not permitted working area.



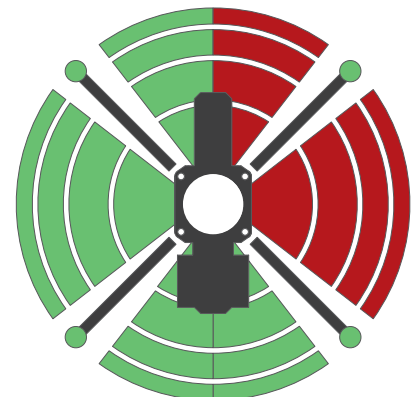
Maximum stability:
Full rotation of the outriggers.
Full extensions of the outriggers.



If even a single outriggers is not on the ground no possible movement is permitted.

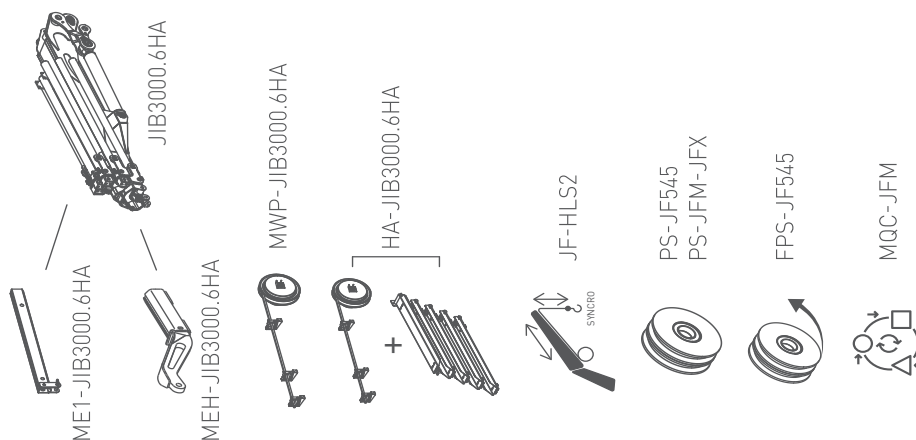


Outrigger 1 not fully extended but fully rotated.

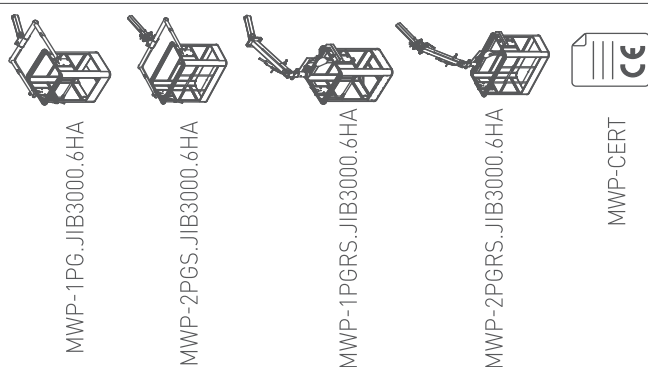


Outrigger 1 fully extended but not fully rotated.

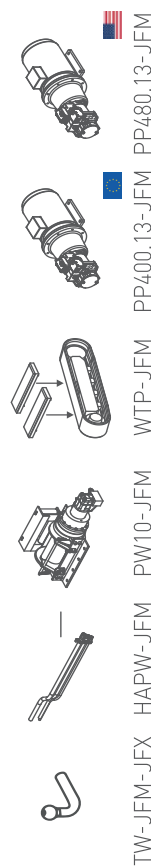
JIB & ATTACHMENTS



CRANE OPTIONS



CRAWLER OPTIONS



J-CONNECT



CRANE COLOR

Crane
Crawler & Frame
Carters & Tool Boxes

STANDARD	PC1	PC1+PC2	PC1+PC2+PC3
 RAL2004			
 RAL9005			
 RAL9005			

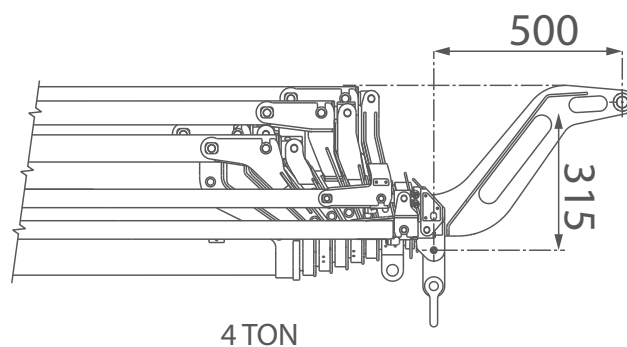
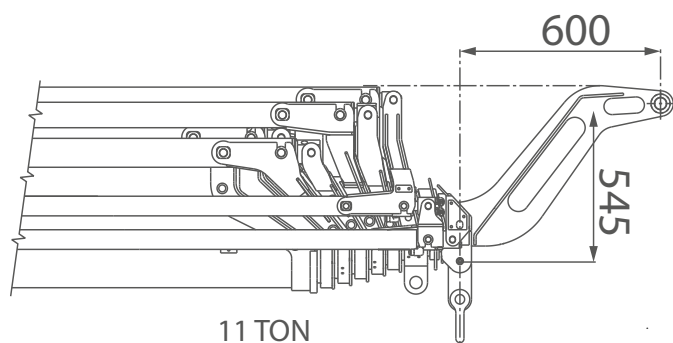


_LAYOUT

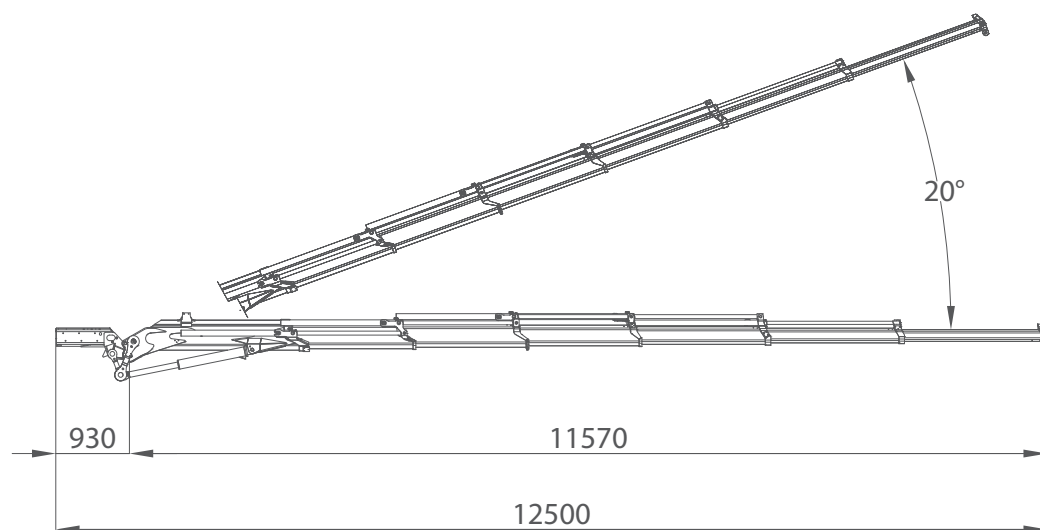
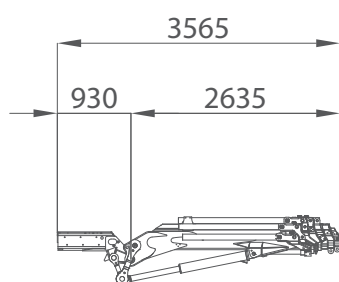
ACCESSORIES FEATURES

MEH-JF545.6

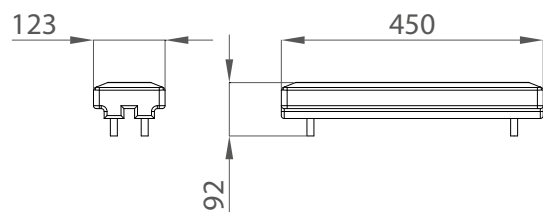
MEH-JIB3000.6HA



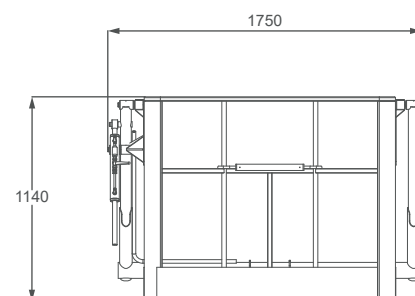
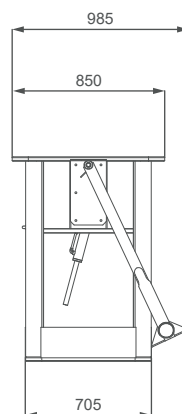
JIB3000.6HA



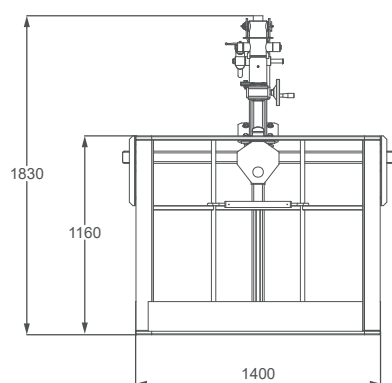
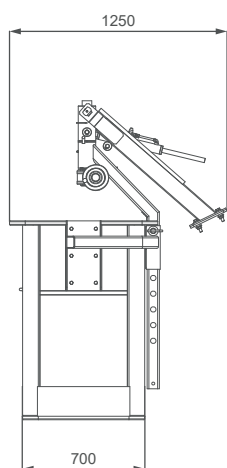
WTP-JFM



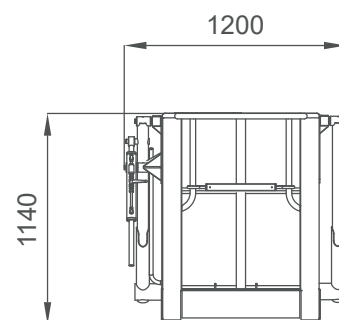
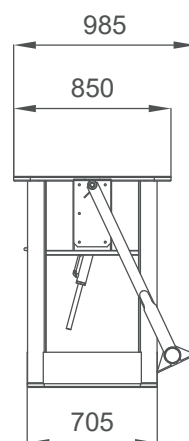
2MF-CL



2MF-RCL



1MF-CL



SYMBOLS

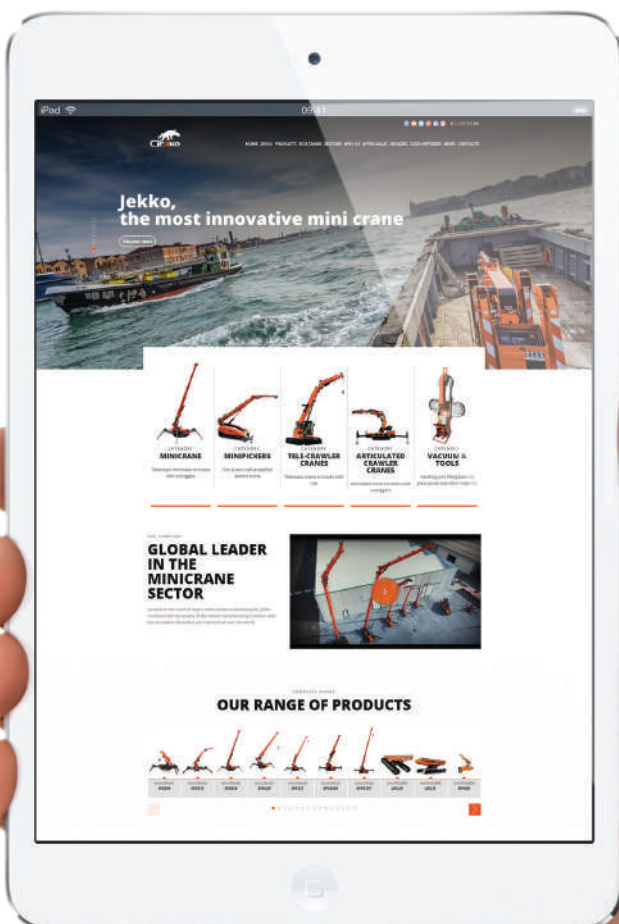
	Counterweight		Engine		Boom Angle		Hydraulic Oil
	Crane		Diesel Fuel		Boom Length		Powerpack
	Travel Speed		Tank		Jib		Outriggers Mats
	Gradeability		Power		Main Winch		Slewing
	Track Loading		Outrigger Load		Hook Block		

REMARKS REFERRING TO LOAD CHART

- HC1 HD5 S2 lifting class according to EN12999:2011 standards.
- 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.

YOUR JEKKO DEALER

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 peut être sujet à variation sans préavis. Tout les données rapportés sont fournis à titre informatif et ne sont pas engager au moment que la prestation de la machine change en fonction de l'emploi.



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10.02.2023 | Rev.12

SERIAL NUMBER: 



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