



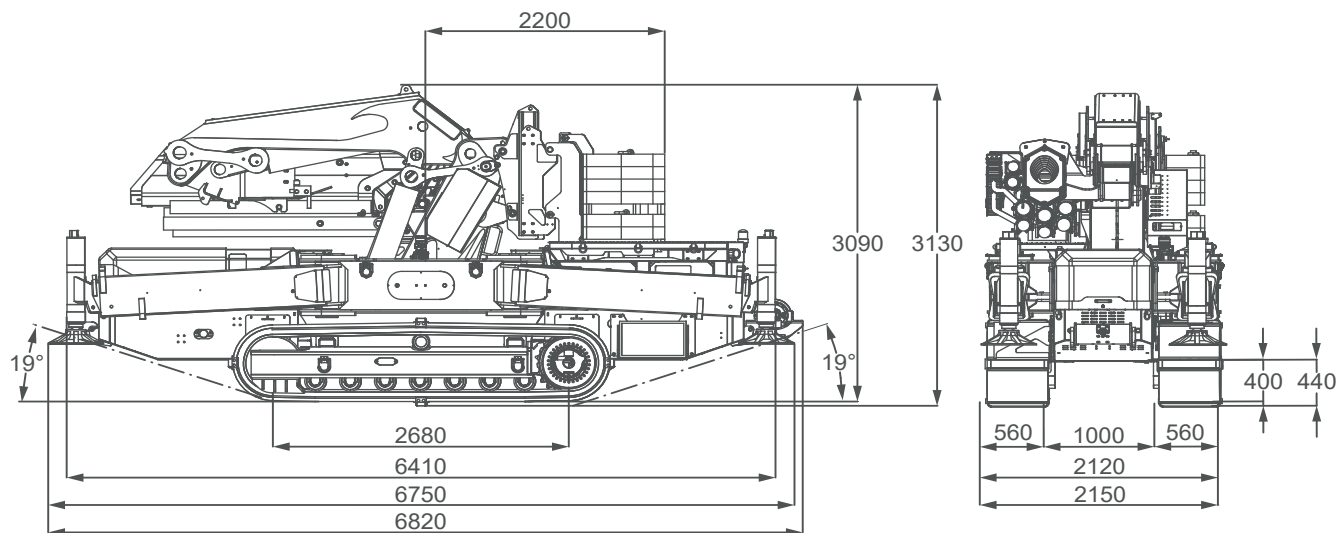
Technical Data

Specification & Capacities

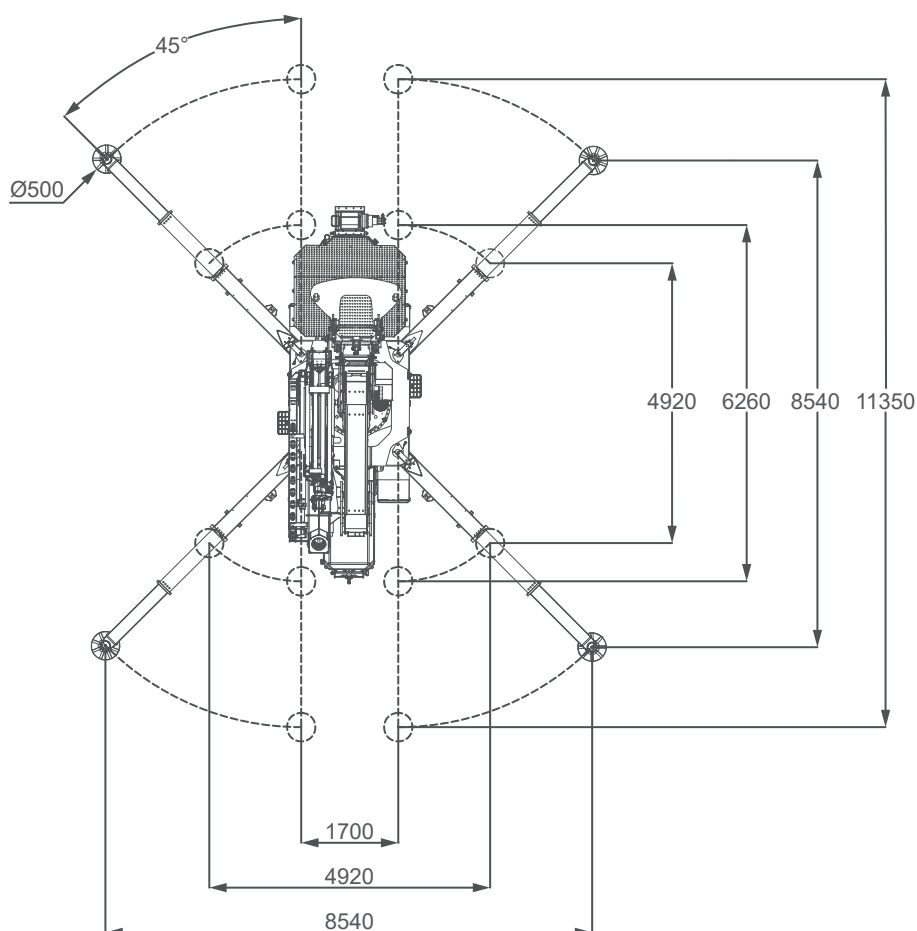
JF990

OVERALL DIMENSIONS

(without jib and low marking pads)



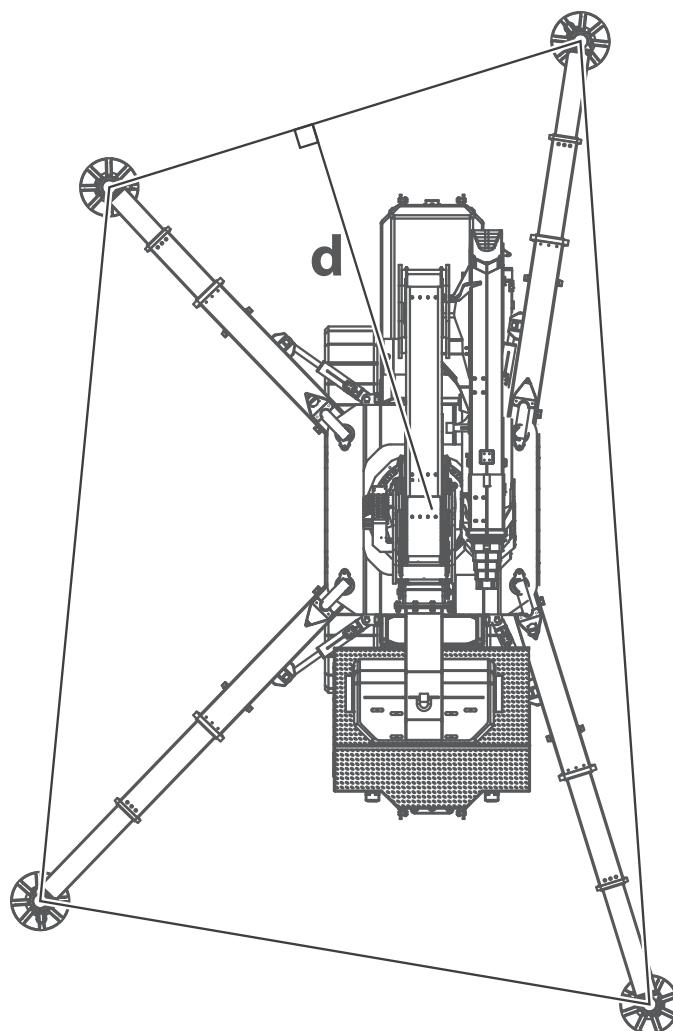
STABILIZATION AREA



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

[mm]

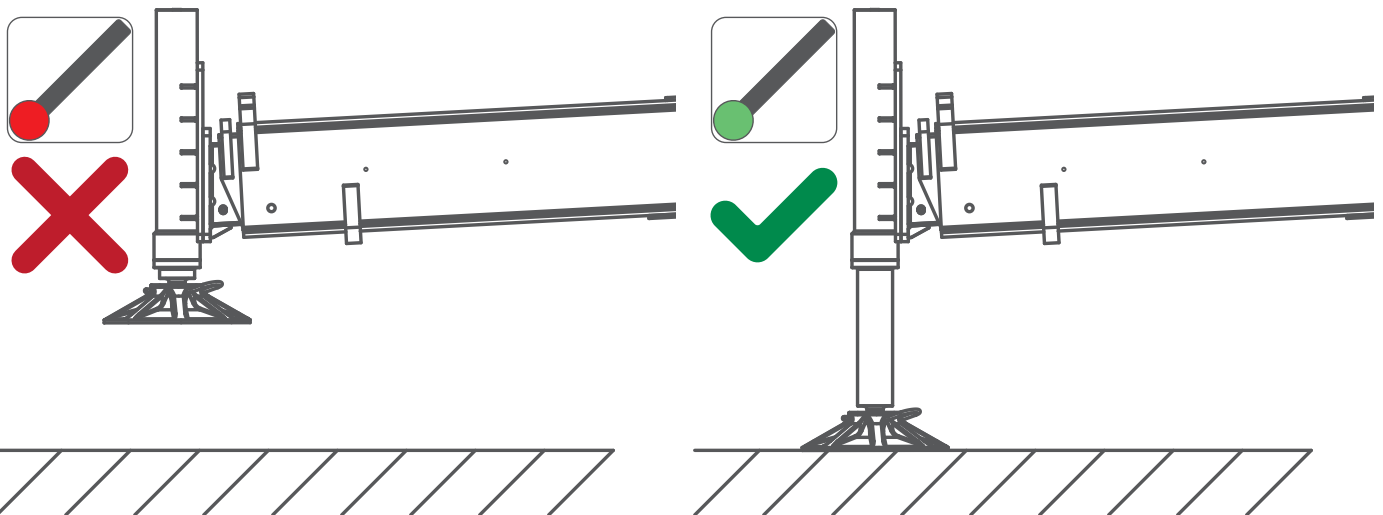
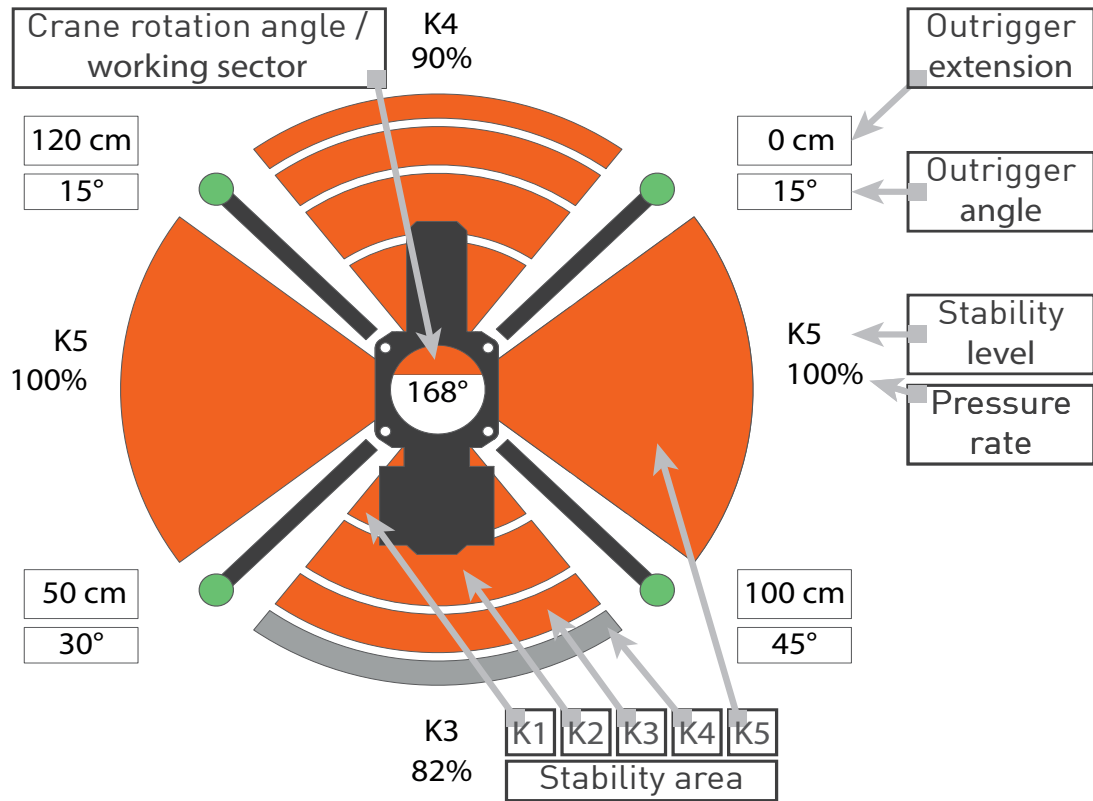
CRANE PERFORMANCE



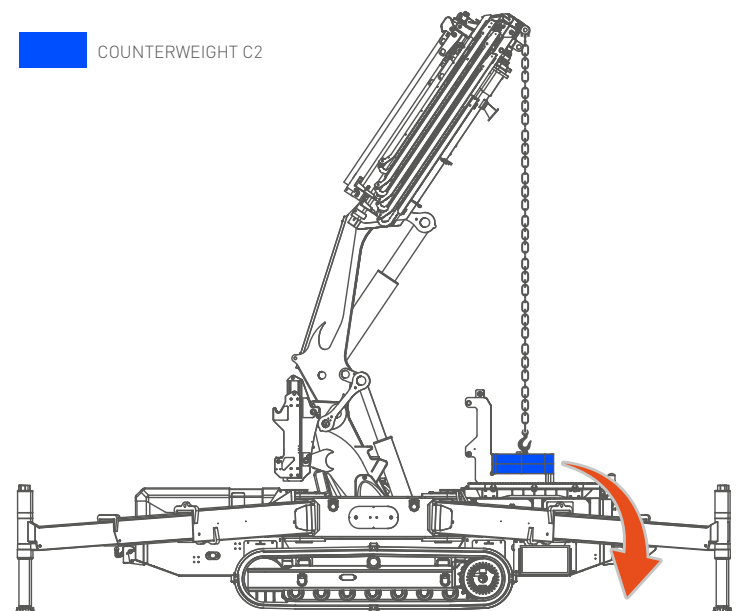
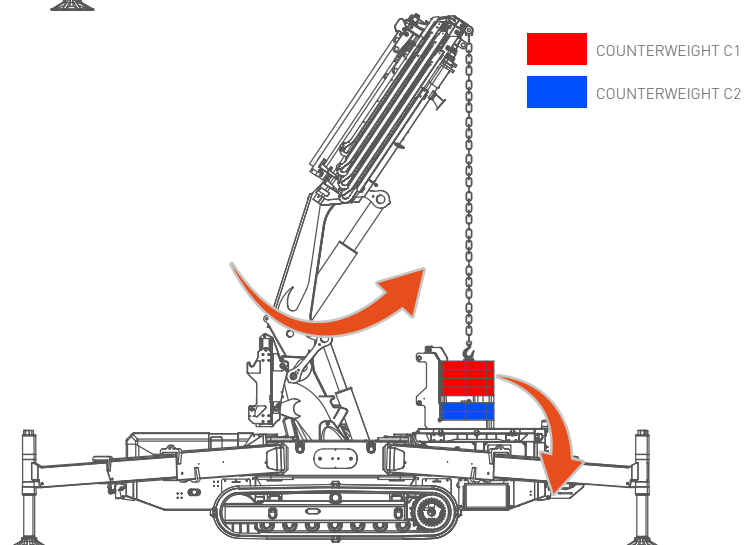
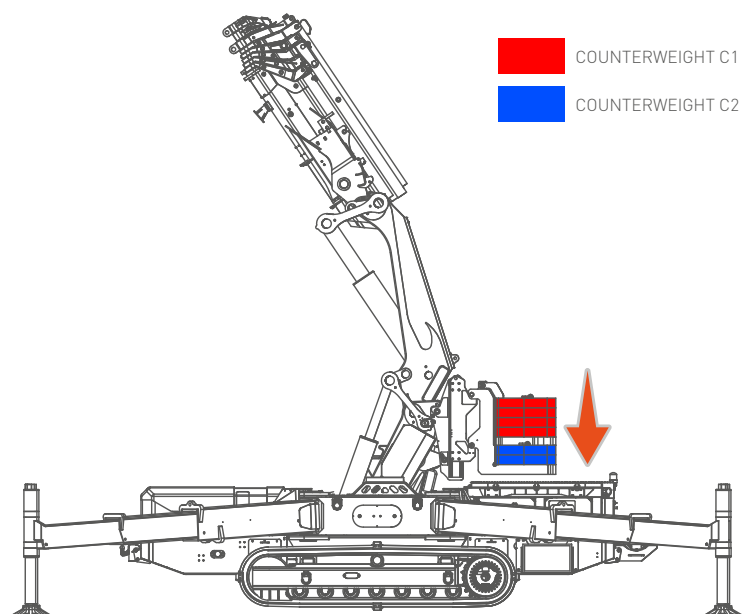
K	d min	d max
K1	0,97 m	2,35 m
K2	2,35 m	2,90 m
K3	2,90 m	3,50 m
K4	3,50 m	4,08 m
K5	4,08 m	-

STABILIZATION CHART

The division into 4 areas is a schematic representation, software adapts pressure level constantly.

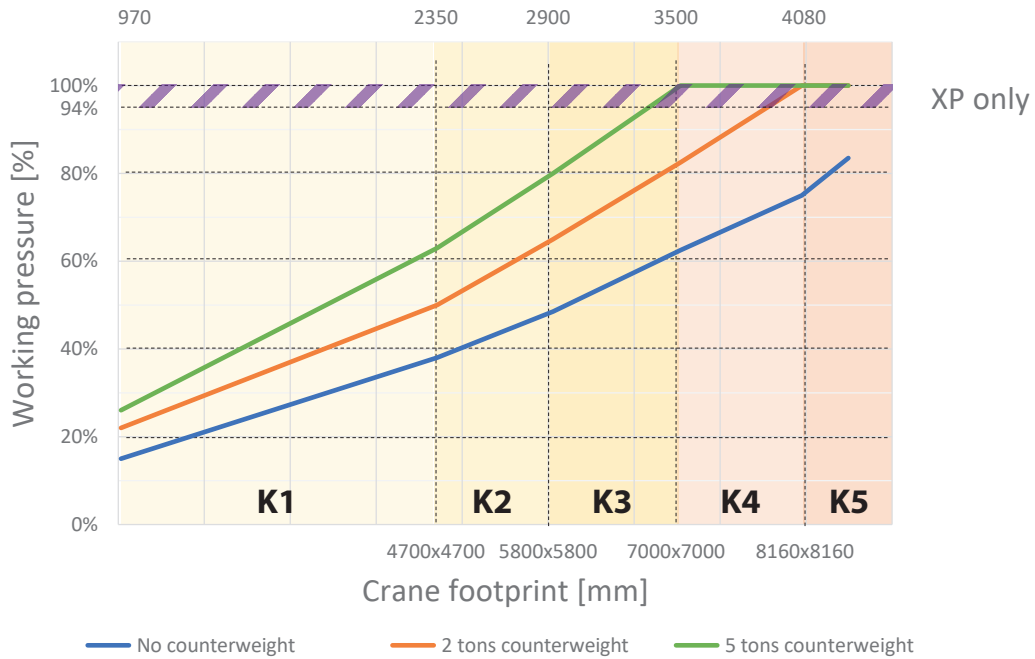


COUNTERWEIGHT REMOVAL

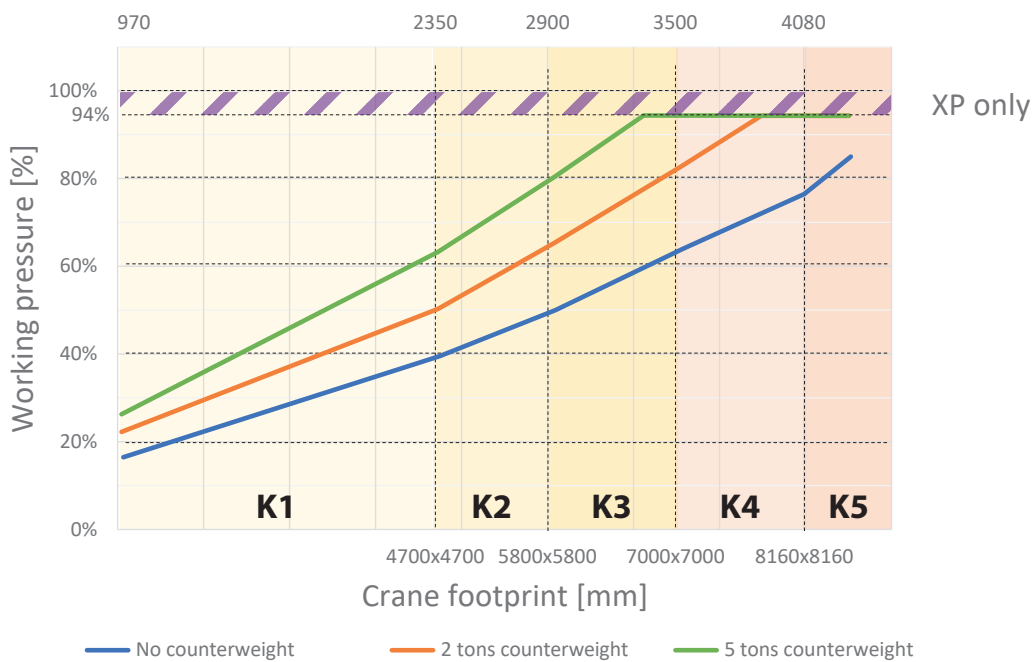


JF990 - MAIN BOOM

with HOOK

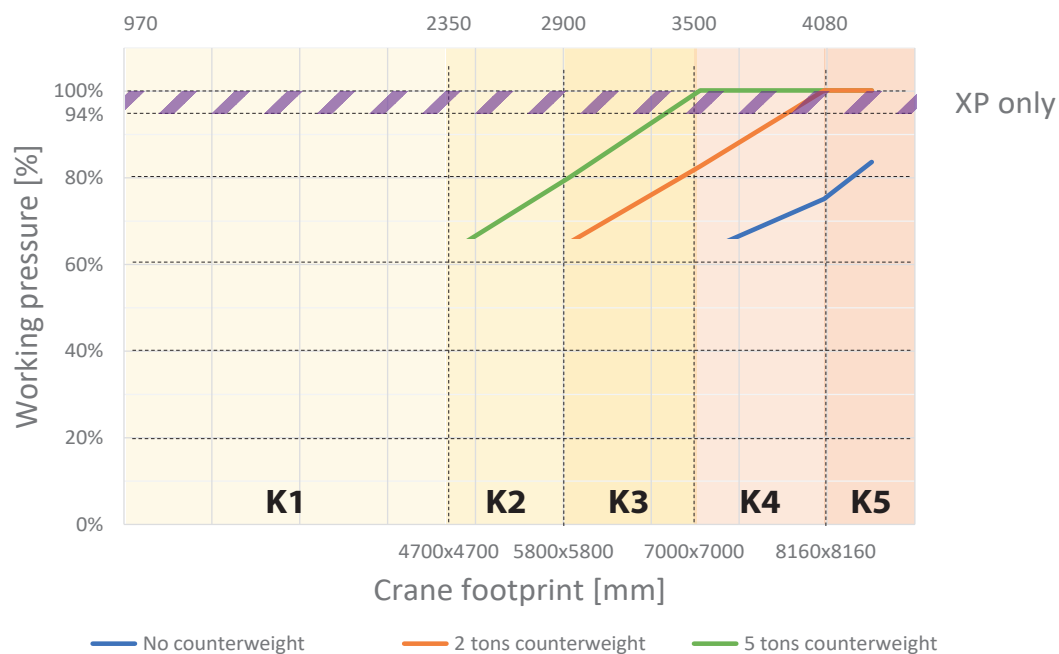


with WINCH

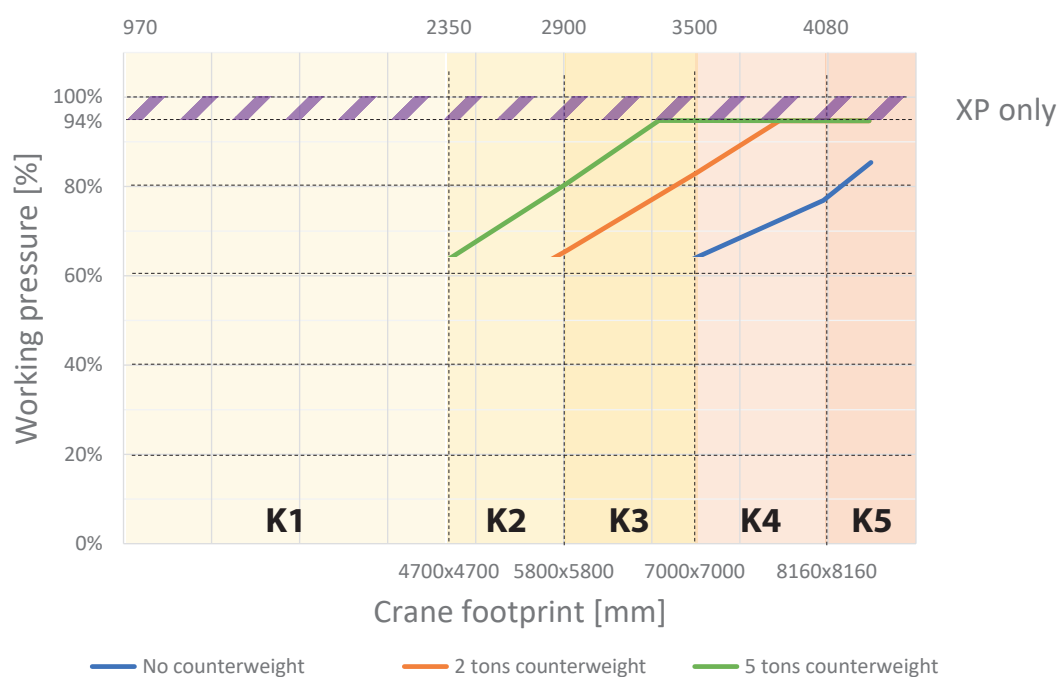


JF990 - JIB5400.6HA

with HOOK



with WINCH



OVERALL INFORMATIONS

CRANE INFO	NAME		DESCRIPTIONS	U.M	VALUE
		OVERALL DIMENSIONS	Height	mm	3.110
			Length		6.750
			Width		2.140
		BOOM	Length	m	28,2
			Speed	s	55°
		SLEWING	Angle	°	360°
			Speed	rpm	1
		LIFTING	Working Angle	°	0°/80°
			Speed	s	Primary: 36
					Secondary: 37
			Max Capacity	kg	21.000
			Max Outrigger Bearing Load	kg	16.350 [§]
			Track load	kg/cm ²	0,95
			Travel Speed	km/h	2,2
			Gradeability	°	20° [36%] [‡]
			Working Temperature	°C	-20°/+40°
			Lifting Class		

WEIGHTS		CRANE	All	kg	20.500*
		COUNTERWEIGHT	CW-1	kg	3.000
			CW-2	kg	2.000
		HOOK BLOCK	Single Fall	kg	73
			Double Fall	kg	71
			Triple fall	kg	74
			Jib single fall	kg	84

*: Dry weight
†: Kit including pulleys

‡: Engine working limit
§: Static lifting
°: Measured without load, fully stabilized and without XP

ACCESSORIES		JIB	JIB5400.6HA	kg	1.750
		MARKING PADS LOAD	WTP-JFX	kg	750
		OUTRIGGERS MATS	OM500	kg	30
		POWER PACK	3-Phase Power Pack	kg	80

ENGINE		MAIN ENGINE	Power	kW	55
				HP	75
			Tank capacity	L	75
		AUXILIARY ENGINE	Power	kW	13
				HP	17,4

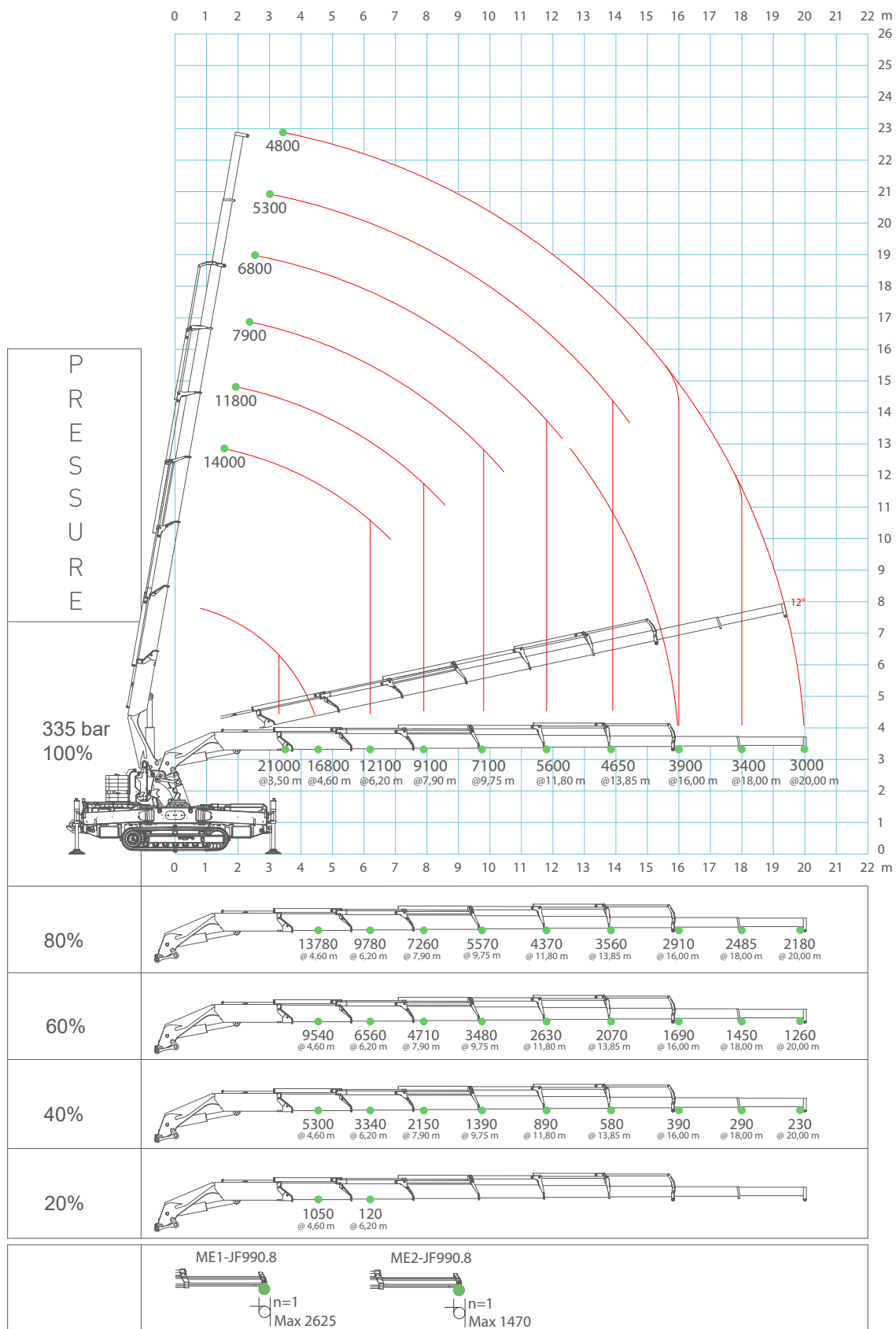
HYDRAULIC SYSTEM		Working Pressure		bar	320
		Tank Capacity		L	270
		OIL	Type	Mineral	ISO 6743-4:HV
			Viscosity Grade	VG	46
		MAIN PUMP	Type	Axial Piston Pump	
			Displacement	cm ³ /rev	80
			Max Oil Flow	L/min	160

WINCH PERFORMANCE

ROPE	Wire rope	Max load	Ø	Total lenght
		kg	mm	m
	Right lang lay	30.000	14	60
HOOK BLOCK	Block type	Load	N° of	
		kg	Sheaves	Lines
	Triple fall block	9.000	1	3
	Double fall block	6.000	1	2
	Single line	3.000	-	1

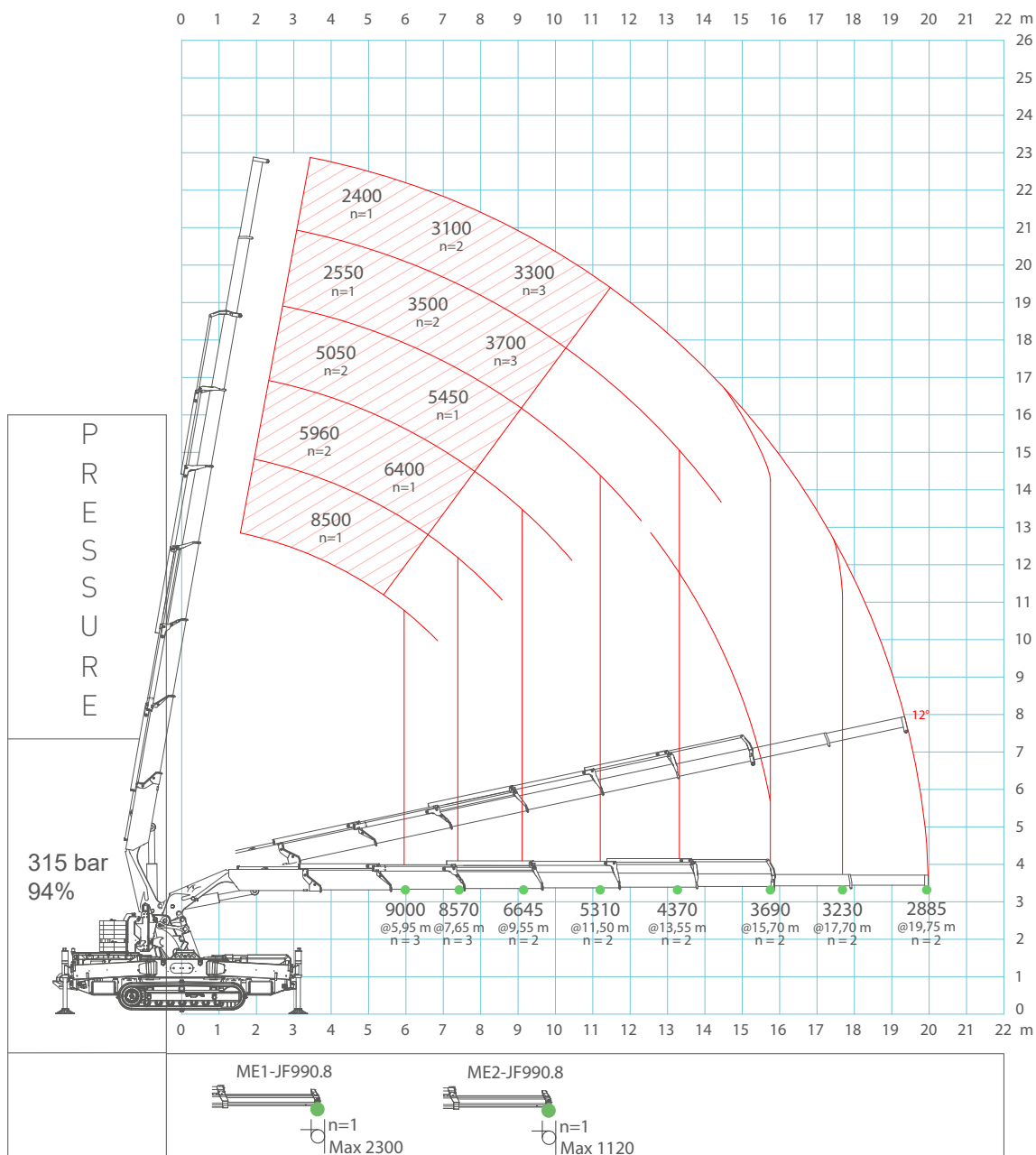
JF990 - MAIN BOOM

HOOK configuration



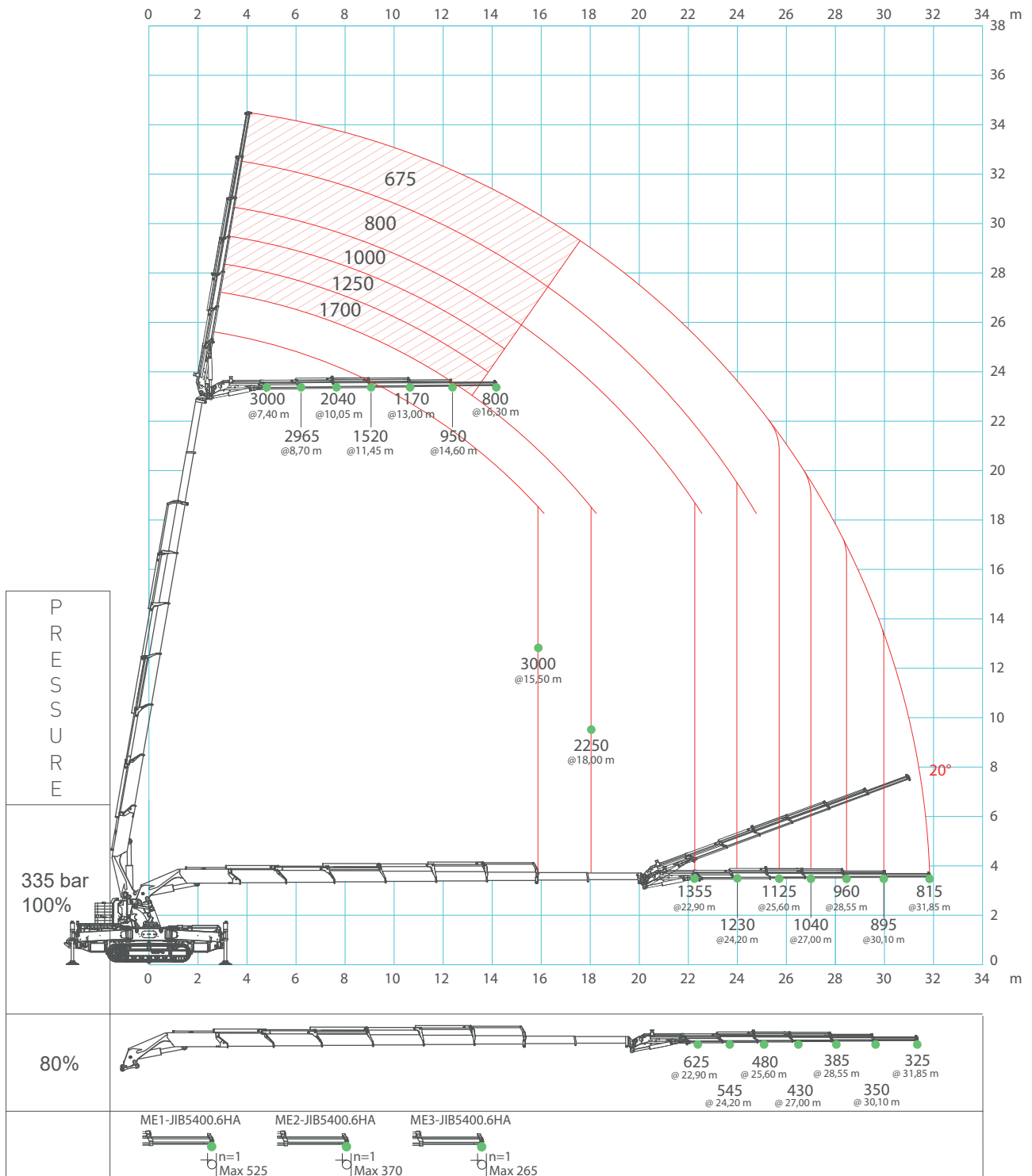
JF990 - MAIN BOOM

WINCH configuration



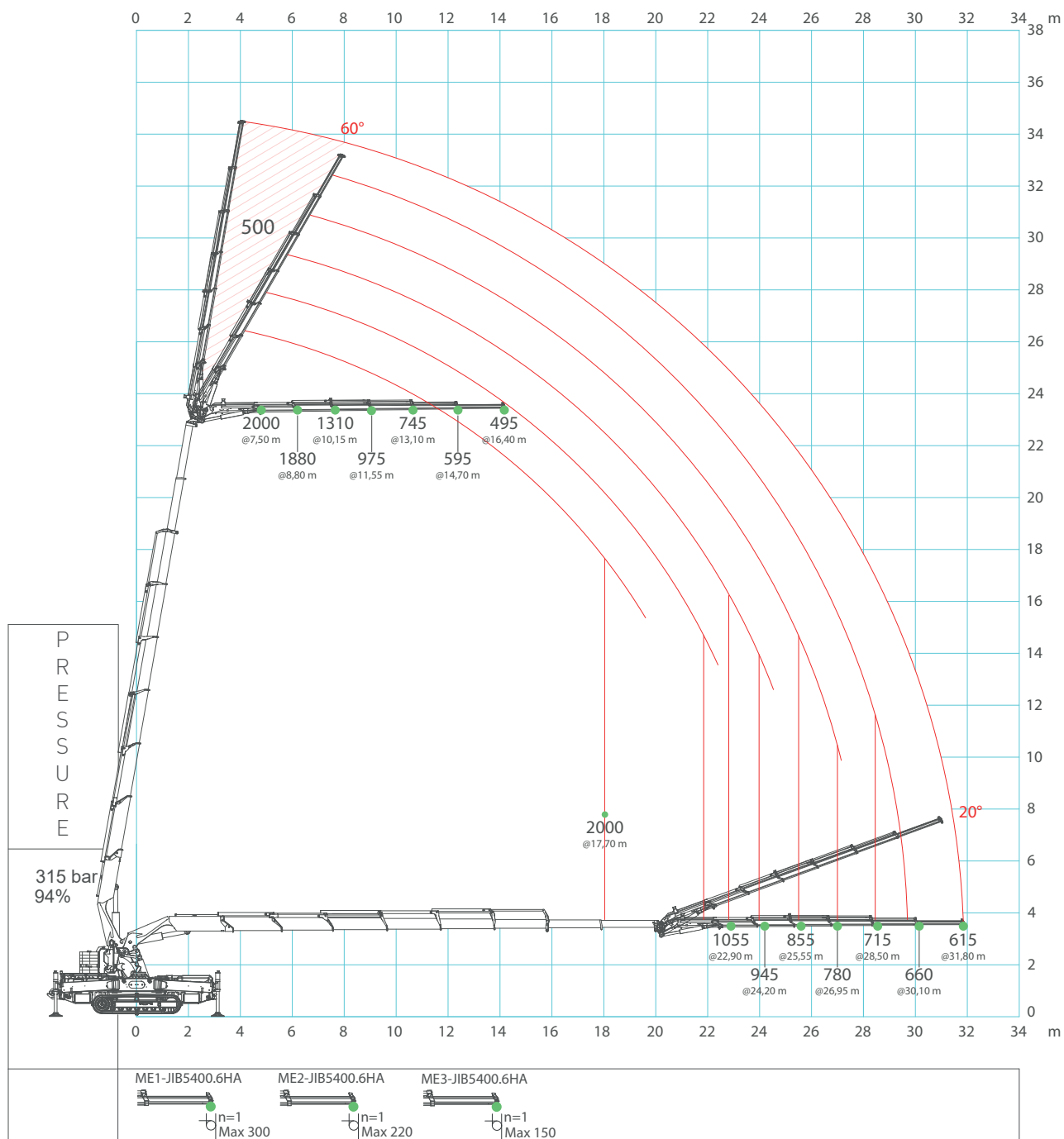
JF990 - JIB5400.6HA

HOOK configuration



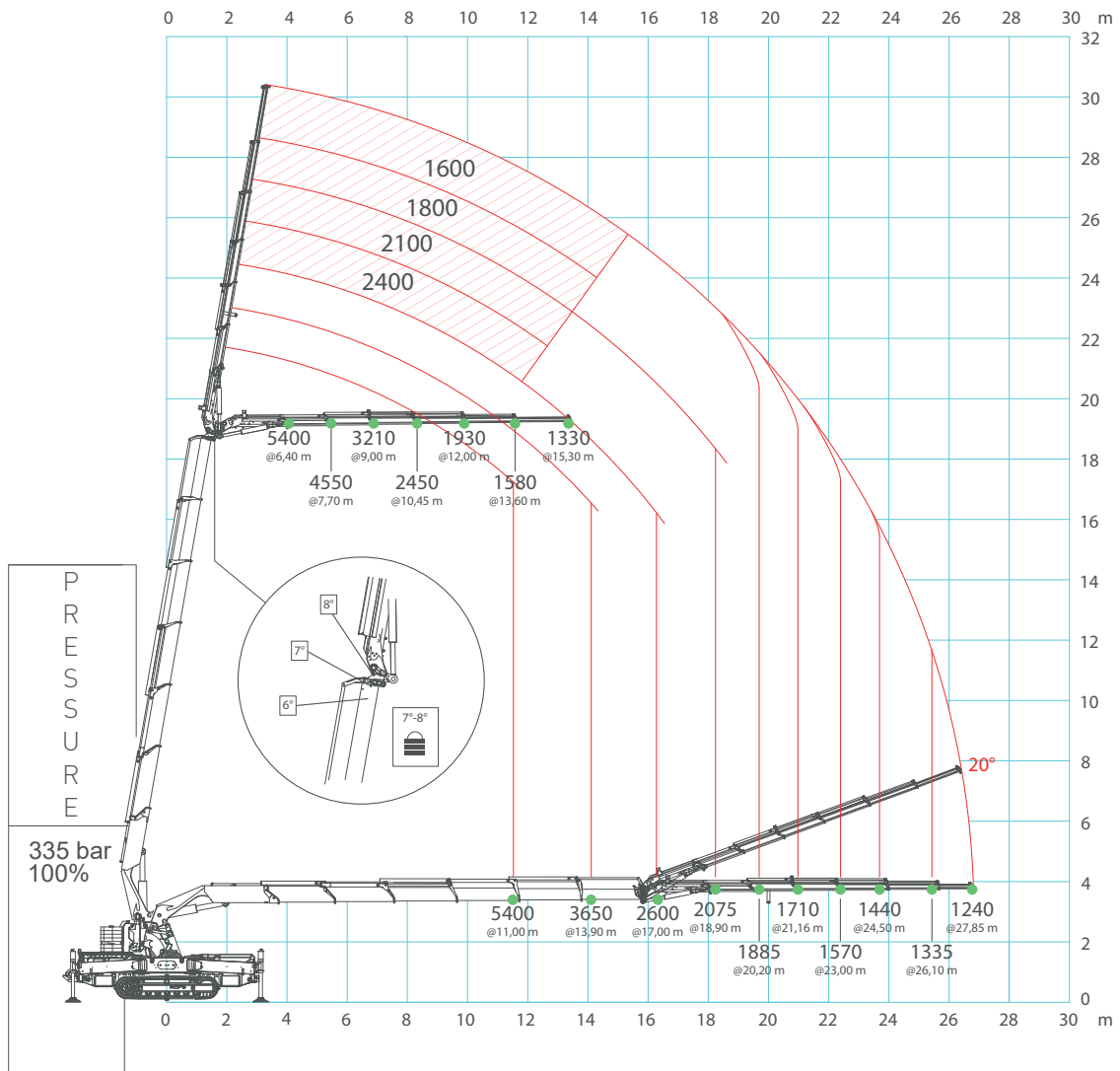
JF990 - JIB5400.6H

WINCH configuration



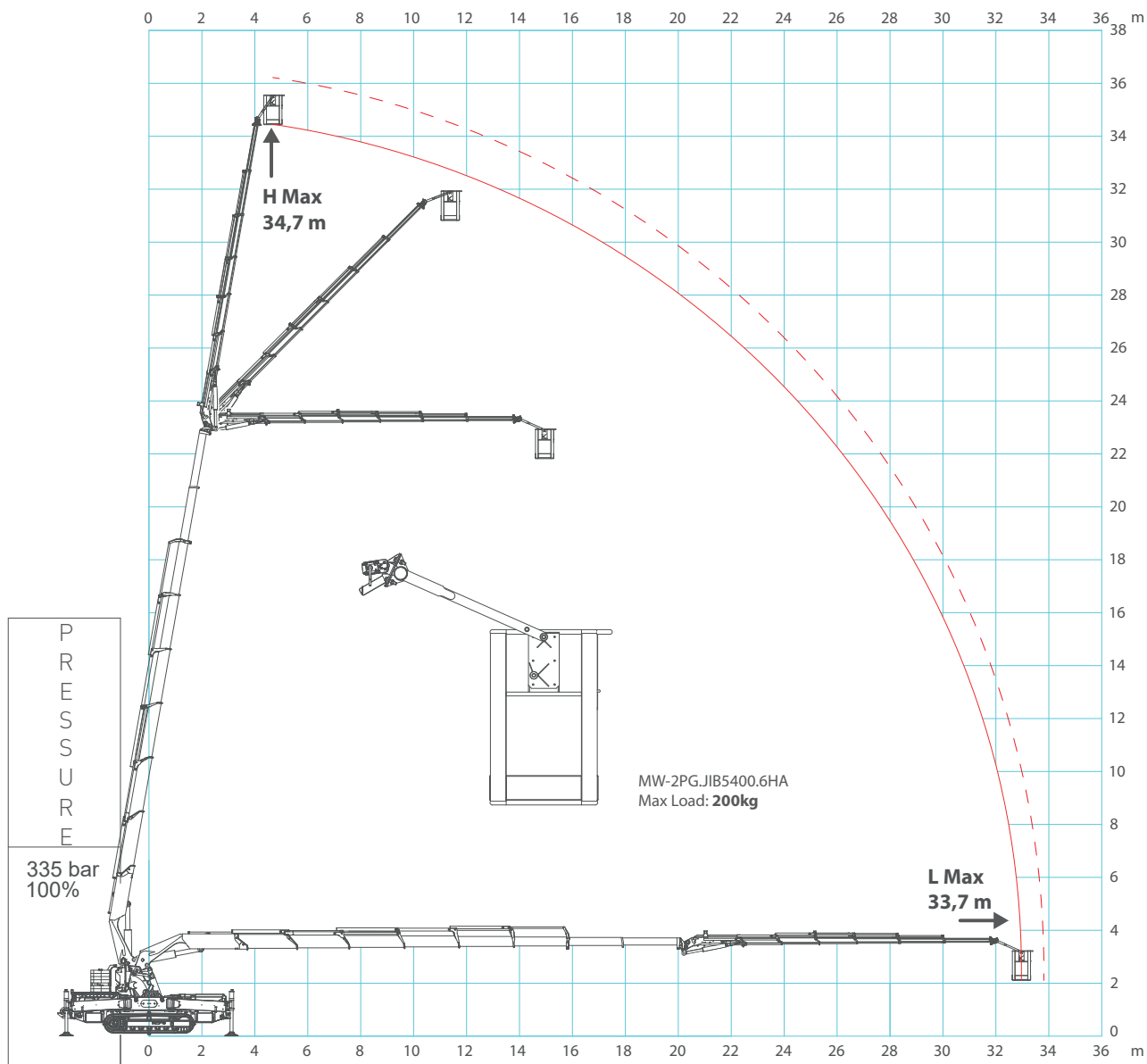
JF990 - JIB5400.6HA

JPD configuration



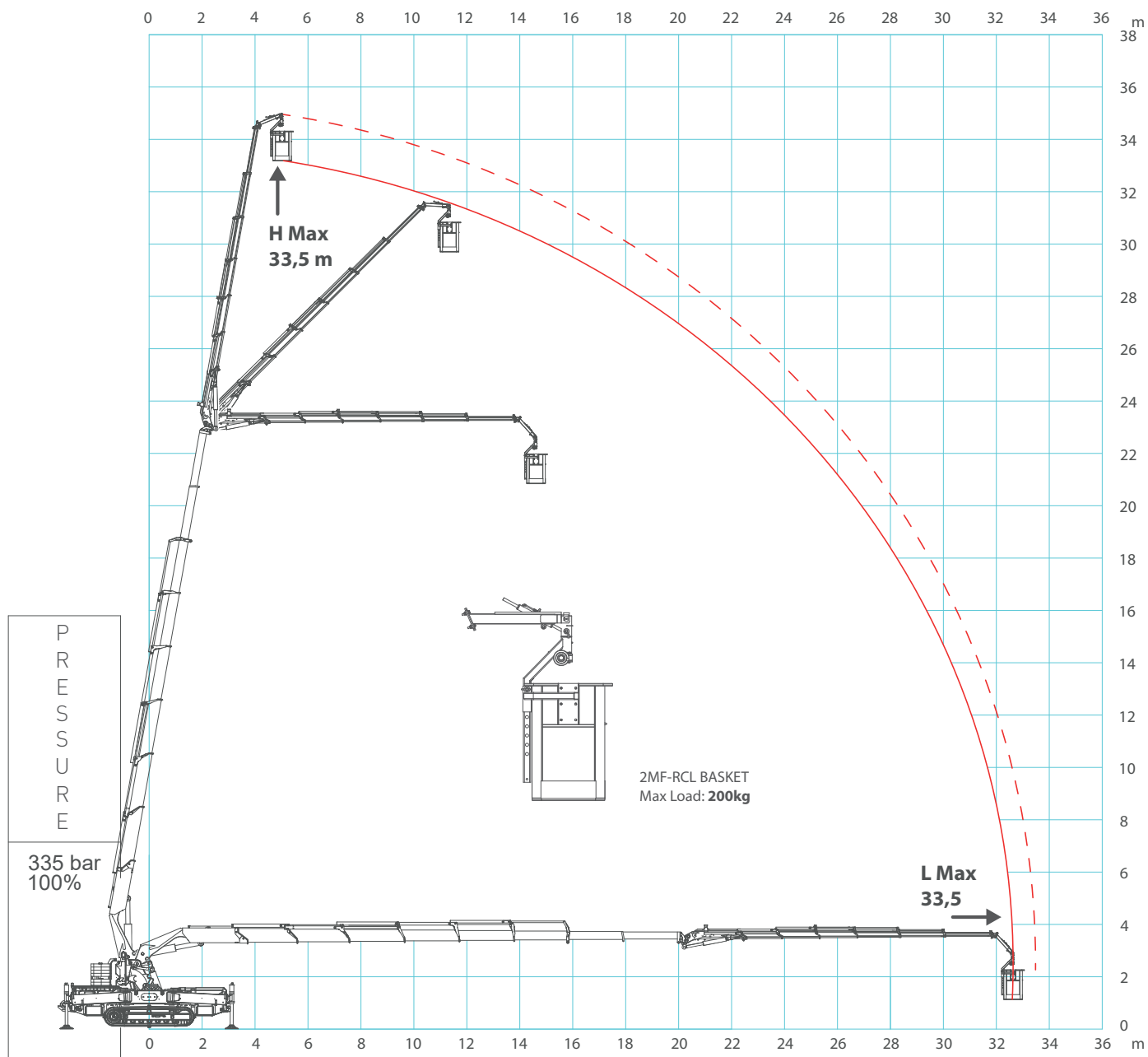
JF990 - MWP-2PG.JIB5400.6HA

Man Working Platform



JF990 - MWP-2PGR.JIB5400.6H

Rotating Man Working Platform for 2 Workers

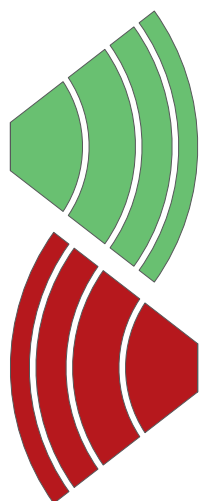


PLE STABILITY CONDITION

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 $\geq 43^\circ$.

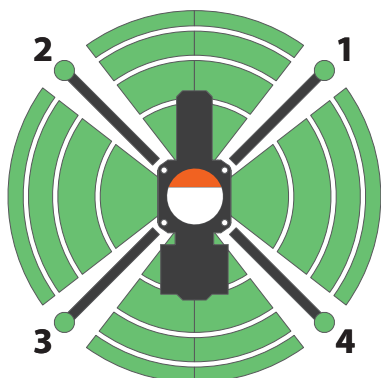
Outrigger extension is considered at its maximum when is greater than $\geq 95\%$.



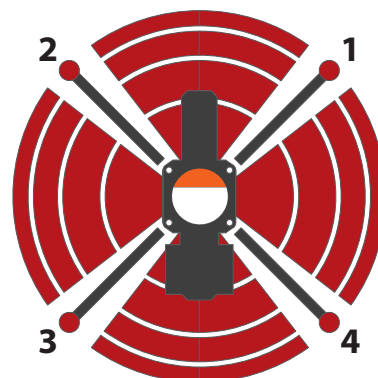
Permitted working area.

Not permitted working area.

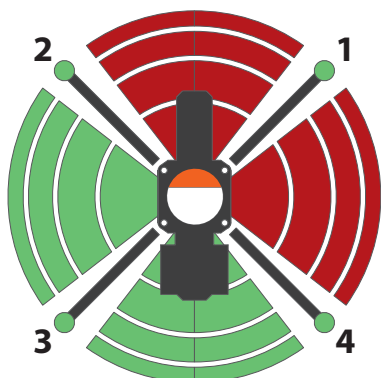
Some examples of the 8 conditions of maximum stability:



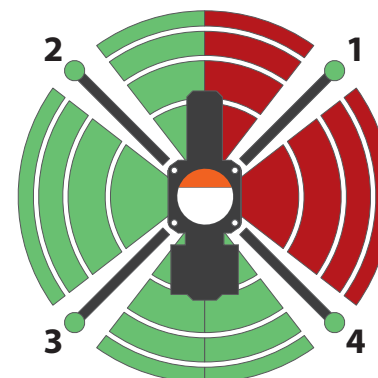
Maximum stability:
Full rotation of the outriggers.
Full extensions of the outriggers.



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



Outrigger 1 not fully extended but fully rotated.

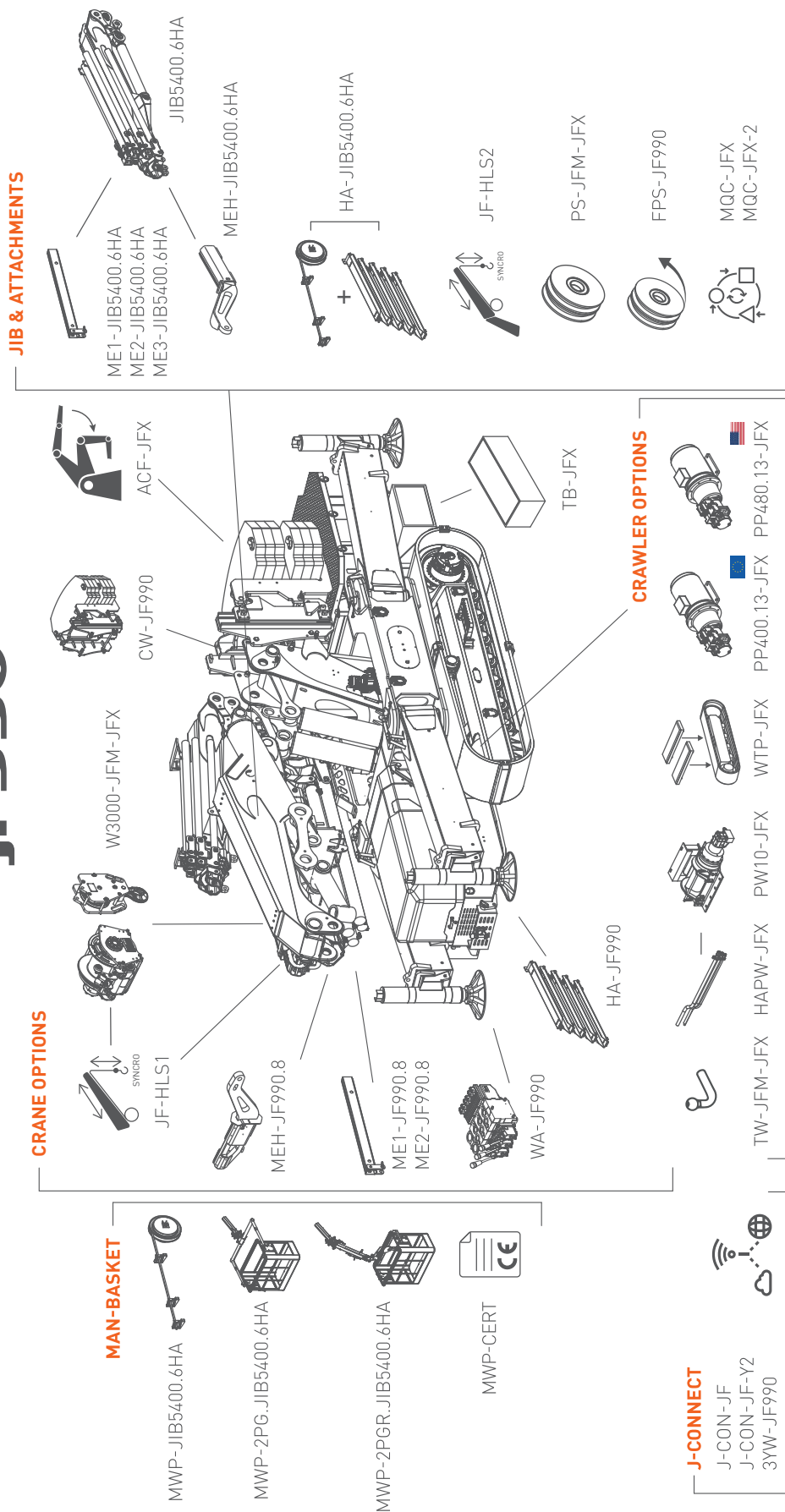


Outrigger 1 fully extended but not fully rotated.

ACCESSORIES

JF990

JF990

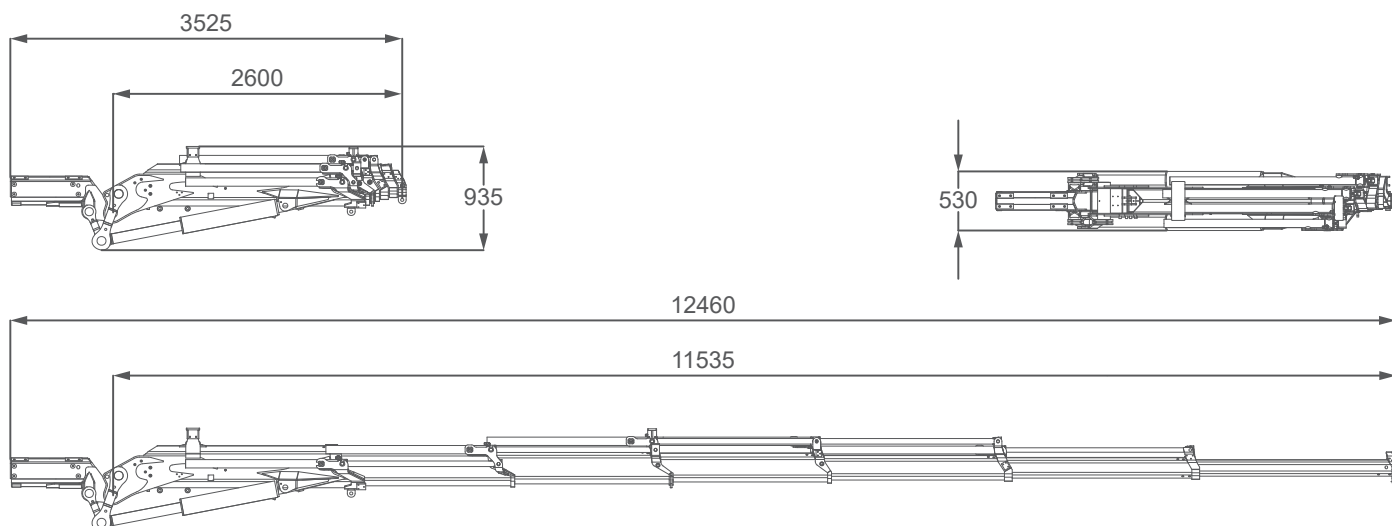


CRANE COLOR					STANDARD			PC1			PC1+PC2			PC1+PC2+PC3			LAYOUT
Crane Crawler & Frame Carters & Tool Boxes Outriggers						RAL2004	☐		RAL7021	☐		RAL7021	☐		RAL9005	☐	
						RAL9005	☐		RAL7021	☐		RAL7021	☐		RAL9005	☐	
						RAL9005	☐		RAL7021	☐		RAL7021	☐		RAL9005	☐	
						RAL9005	☐		RAL7021	☐		RAL7021	☐		RAL9005	☐	



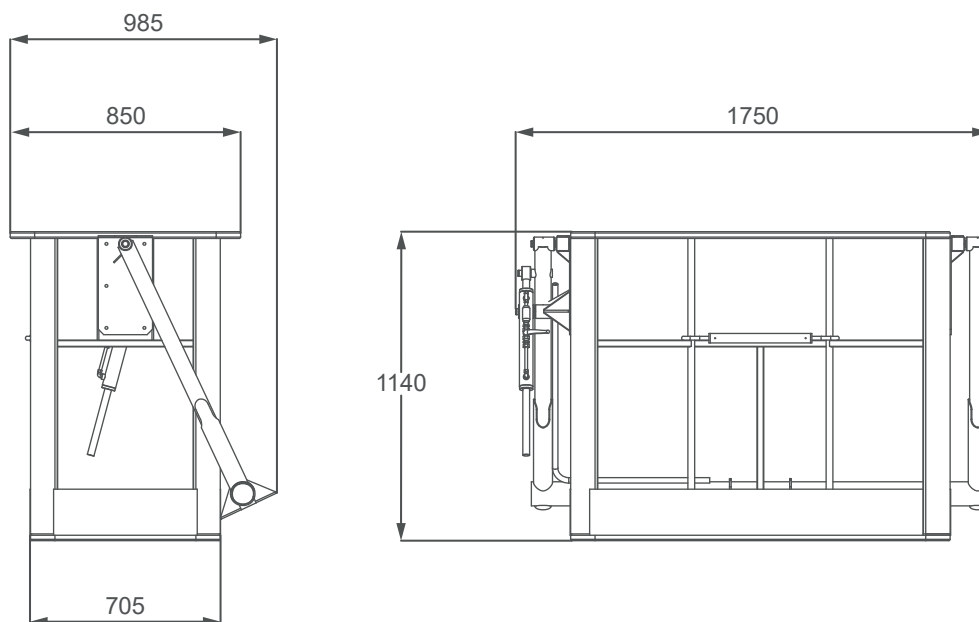
ACCESSORIES FEATURES

JIB5400.6HA

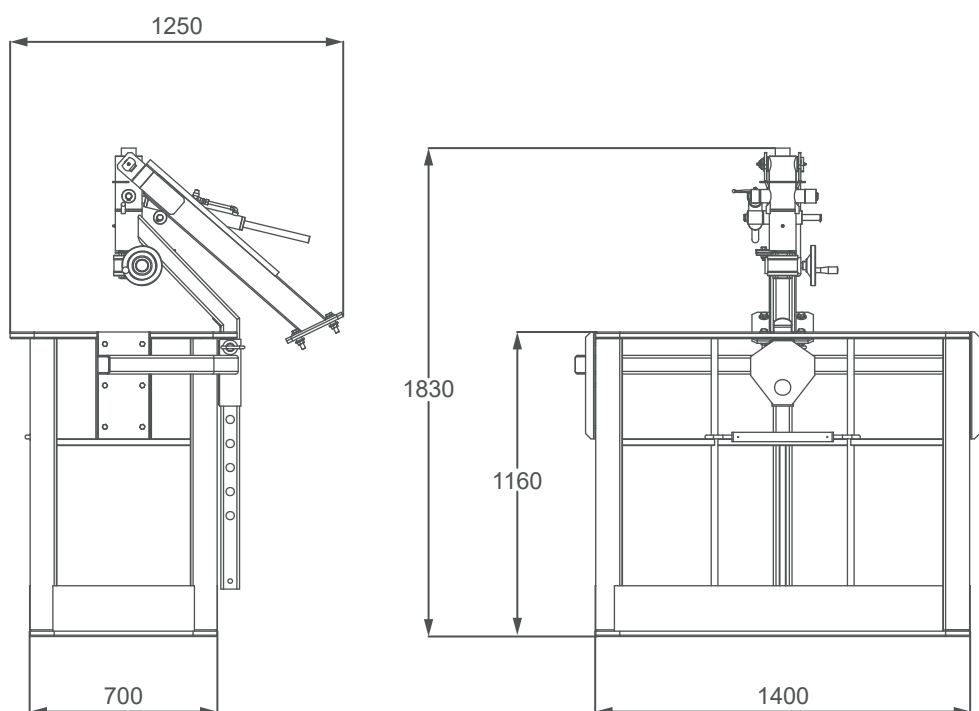


[mm]

ACCESSORIES FEATURES MWP-2PG.JIB5400.6HA



MWP-2PGR.JIB5400.6HA



SYMBOLS

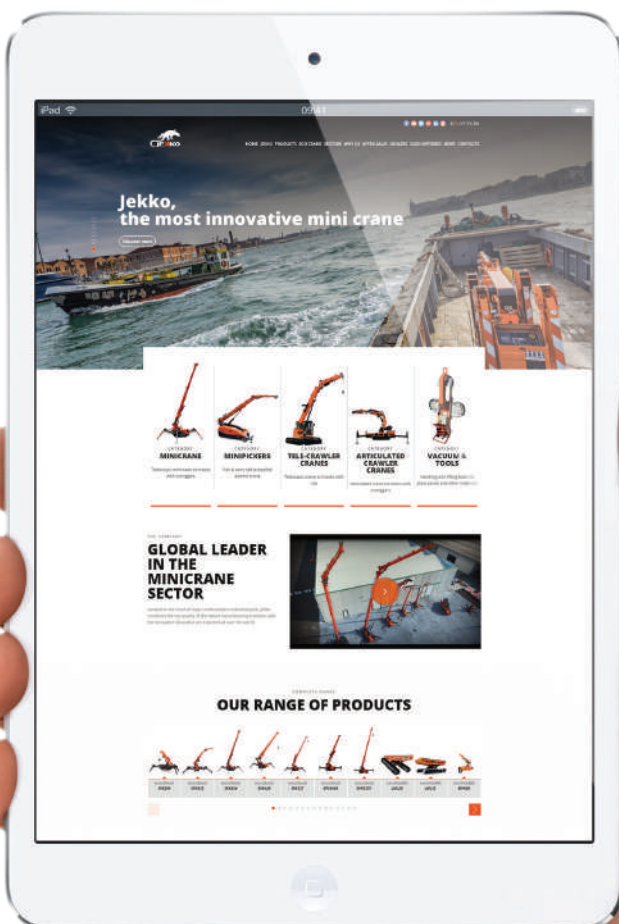
	Weight		Engine		Boom Angle		Outriggers Mats
	Crane		Power Pack		Boom Length		Hydraulic Oil
	Travel Speed		Slewing		Boom Radius		Working Temperature
	Gradeability		Outrigger Load		Track Loading		Load's Marking Pads
	Max Capacity						

REMARKS REFERRING TO LOAD CHART

- HC1 HD4 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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08.02.2023 | Rev.7

SERIAL NUMBER:



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