



Technical Data

Specification & Capacities

JF545



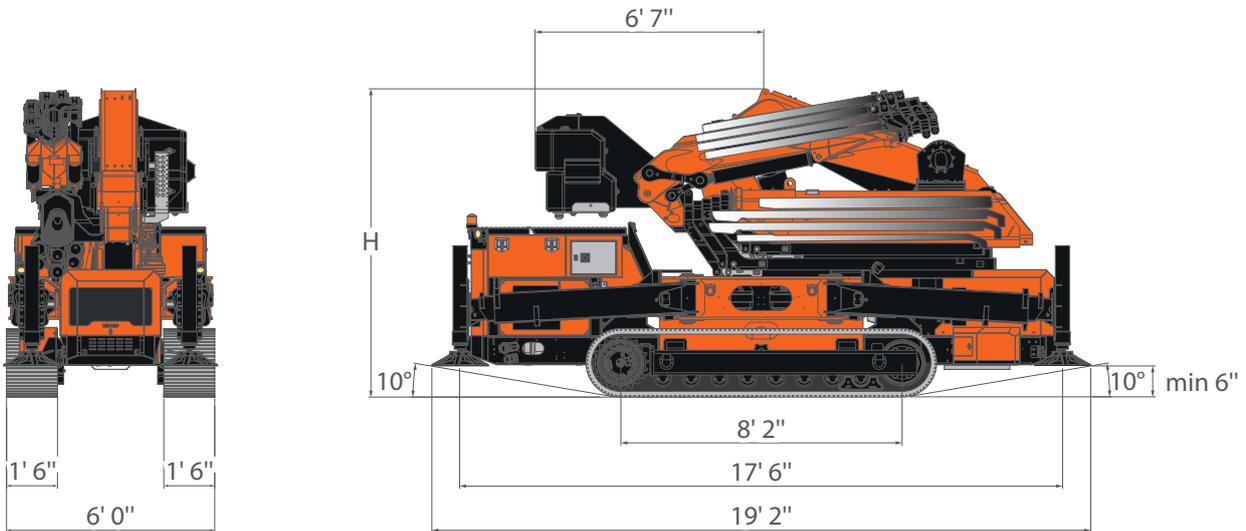
EN 12999:2020

14.03.2024 | Rev3.0

[ft] [lb]

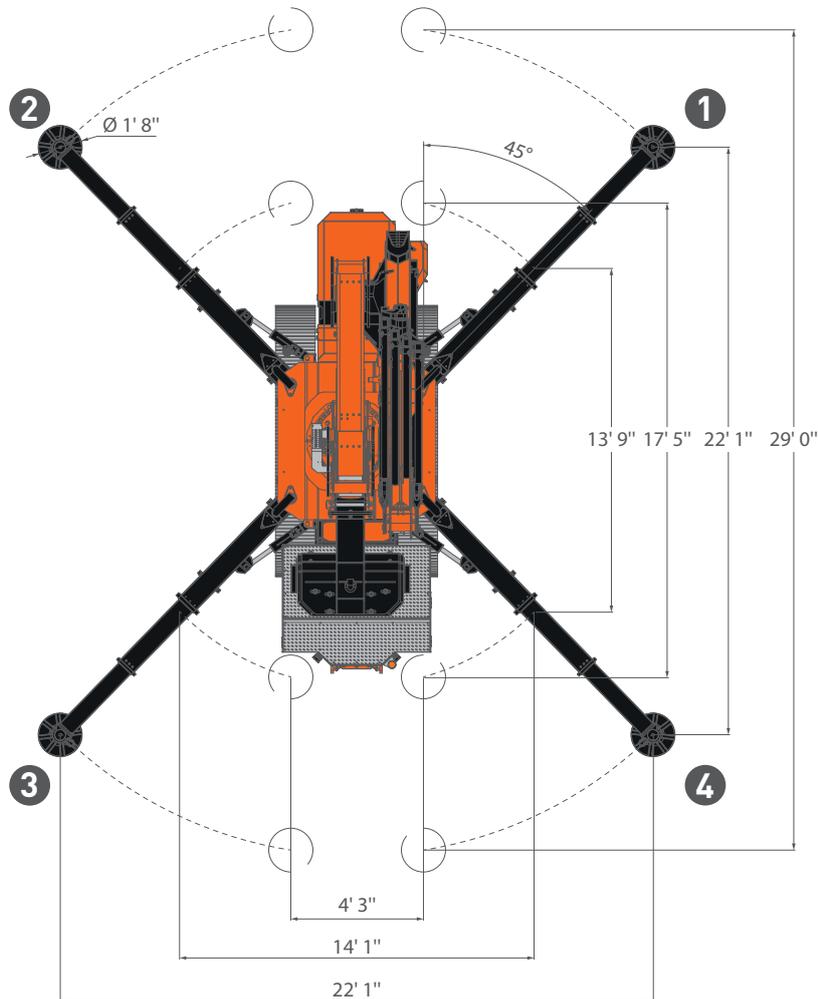
OVERALL DIMENSIONS

(with jib and low marking pads)



H	WITH V20 winch	9' 3"
	WITH V30 winch	9' 6"

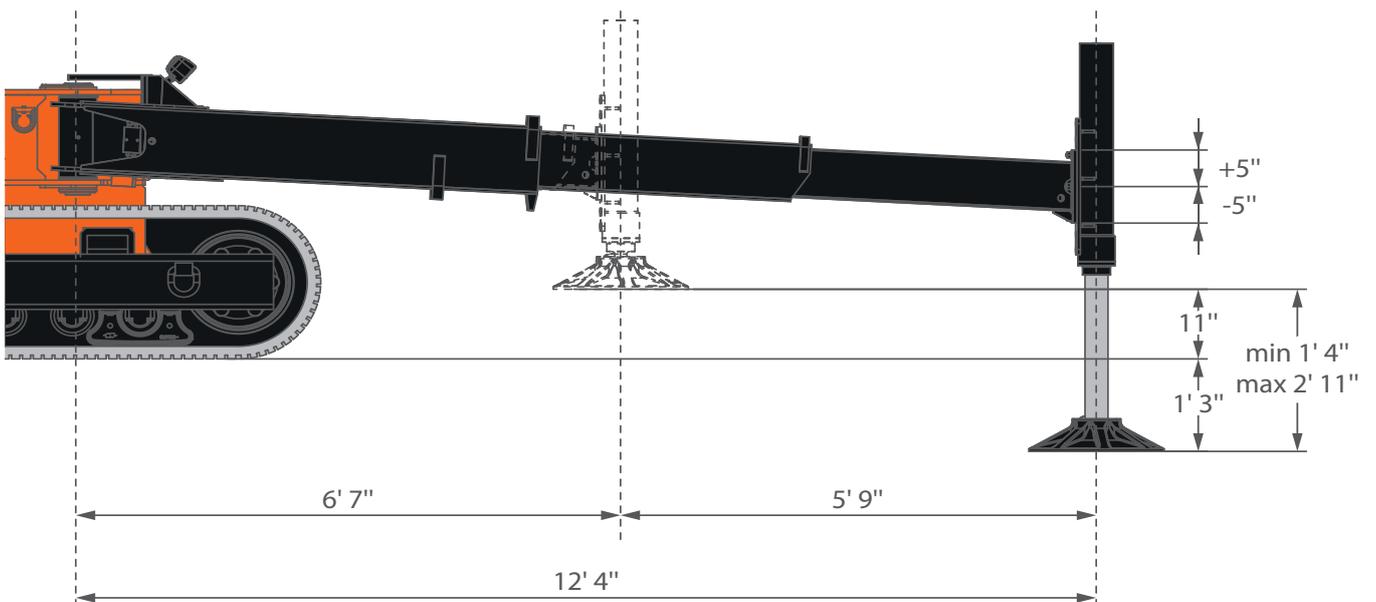
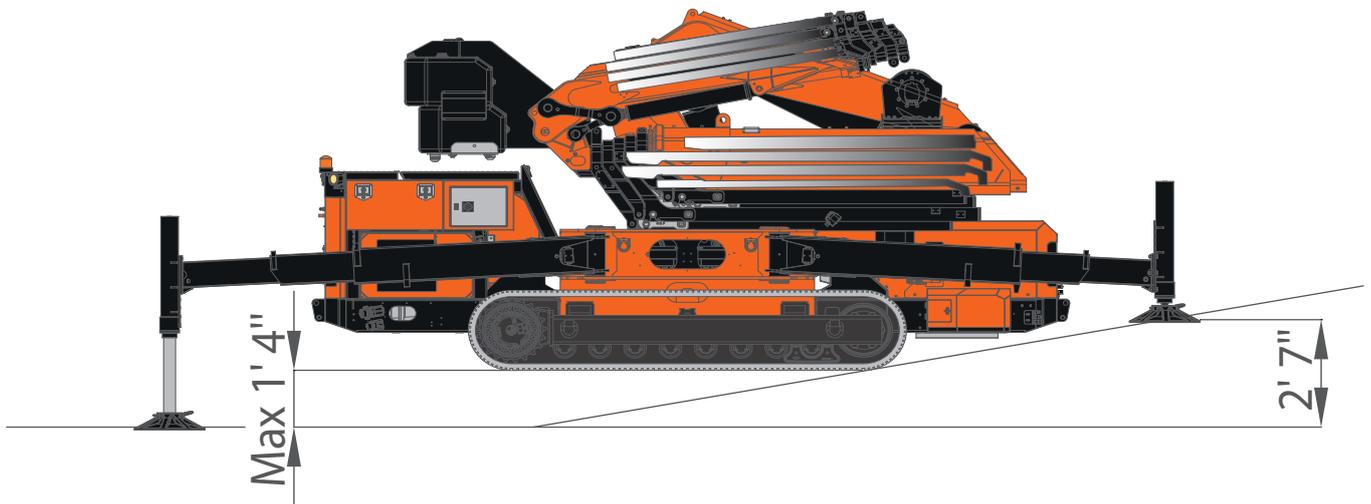
STABILIZATION AREAS



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

[ft]

STABILIZATION ADJUSTMENT



OVERALL INFORMATIONS

		DESCRIPTION	U.M	VALUE	
CRANE INFO	 OVERALL DIMENSIONS	Height	ft	9' 3"	
		Length		19' 2"	
		Width		6' 0"	
	 BOOM	Length	ft	53' 6"	
		Speed	s	42*	
	 SLEWING	Angle	°	360°	
		Speed	rpm	0.67	
	 LIFTING	Working Angle	°	0°/80°	
		Speed	s	Primary: 37 Secondary: 47	
		Max Capacity	lb	34,200	
		Max Outrigger Bearing Load	lb	24,800†	
		Track load	lb/in ²	12.1	
		Travel Speed	Slow	mph	0.6
			Fast		1.2
	Gradeability	°	20° (36%)‡		
	Working Temperature	°F	14°/+104°		

*: Timing without load, fully stabilized and without XP

†: Static lifting

‡: Engine work limit

OVERALL INFORMATIONS

WEIGHT		CRANE	JF545 (with activation)	lb	30,200* †
			Counterweight		7,710

HOOKBLOCKS		HOOK BLOCK	Single Fall	lb	104
			Double Fall		128
			Single Fall Jib		163

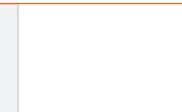
ACCESSORIES		JIB	JIBL426	With activation	lb	2,780
				Without activation		2,515
		MANUAL EXTENSIONS	ME1-545.6	lb	210	
			ME2-545.6		70	
			ME3-545.6		155	
			MEH-545.6		200	
			MEH-JIB3000.6HA		50	
			ME1-JIB3000.6HA		80	
		LOW MARKING PADS	WTP-JFM (x92)	lb	660	
		OUTRIGGERS MATS	OM500 (x4)	lb	92	
		POWERPACK	3-Phase Power pack	lb	200	
		PLE	MWP-2PG.JIB3000.6HA	lb	330	
			MWP-2PGR.JIB3000.6HA		460	

*: Dry weight

†: Estimated fluids weight = 330 lb

OVERALL INFORMATIONS

ENGINE		DIESEL ENGINE	Power	
			kW	55.4
			HP	74
	Tank capacity		gal	20
		ELECTRIC	Voltage	
			V	400
Power		kW	13	

HYDRAULIC SYSTEM		Maximum Working Pressure				
		bar	345			
		Tank Capacity		gal	53	
		OIL	Type		Mineral	ISO 6743-4:HV
			Viscosity Grade		VG	46
		DIESEL MAIN PUMP	Type		Variable Flow Pump LS	
			Displacement		in ³ /rev	4.9
			Max Oil Flow		gal/min	42
		ELECTRIC MAIN PUMP	Type		Variable Flow Pump LS	
			Displacement		in ³ /rev	2.8
			Max Oil Flow		gal/min	16

WINCH PERFORMANCE

W2000-JFM

WINCH	Layer		Max pull line	Standard rope speed
			daN	ft/min
	1		2,000*	148
	4		-*	189
ROPE	Wire rope	Max load	Ø	Total length
		daN	in	ft
	19x7 avvolgimento destro. Anti-Rotazione	12,750	1/2"	196' 10"

HOOK BLOCK	Block type	Load	N° of	
		lb	Sheaves	Lines
	Single fall block	4,410	-	1
	Double fall block	7,715	1	2
	Triple fall block	13,230	1	3

W3000-JFM

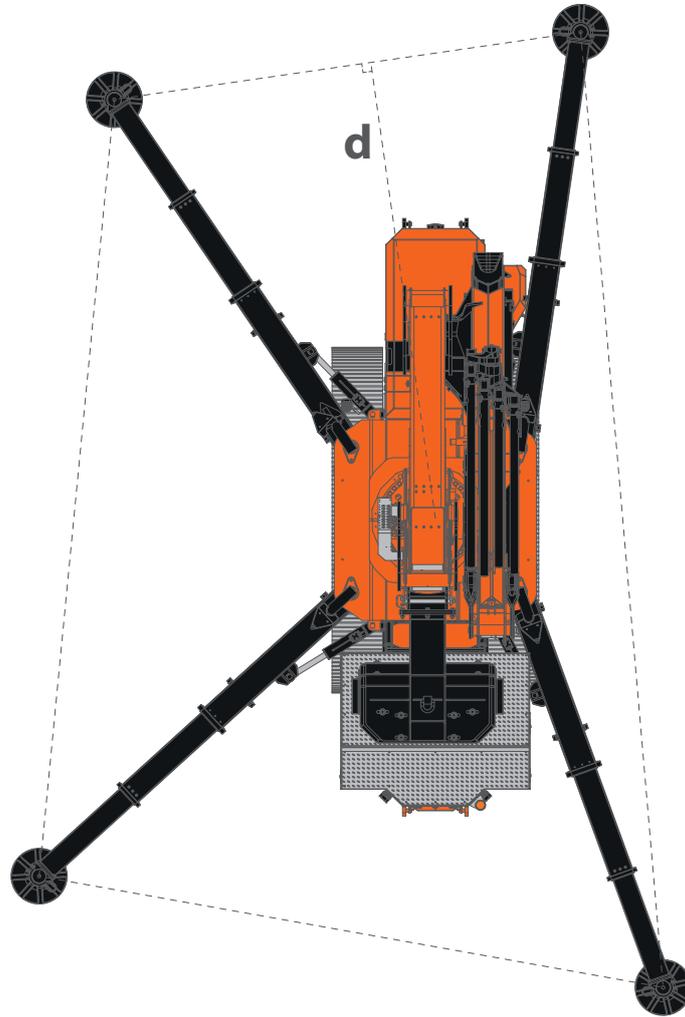
WINCH	Layer		Max pull line	Standard rope speed
			daN	ft/min
	1		3,000†	92
	3		-†	118
ROPE	Wire rope	Max load	Ø	Total length
		daN	in	ft
	19x7 avvolgimento destro. Anti-Rotazione	18,600	9/16"	196' 10"

HOOK BLOCK	Block type	Load	N° of	
		lb	Sheaves	Lines
	Single fall block	6,615	-	1
	Double fall block	13,230	1	2

*: LMI limited at 4,410 lb

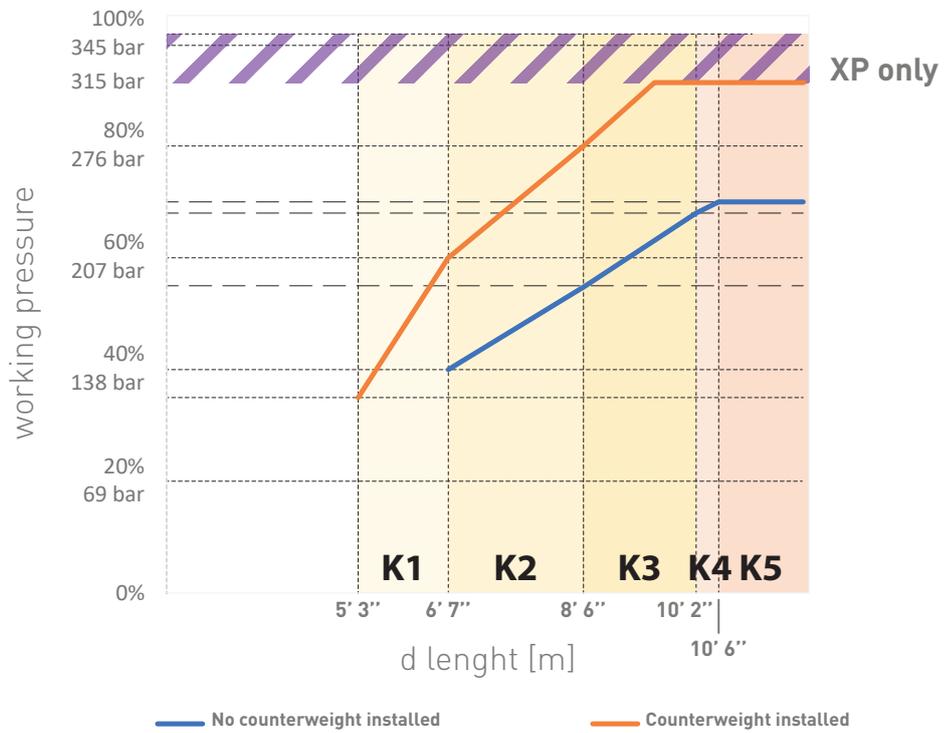
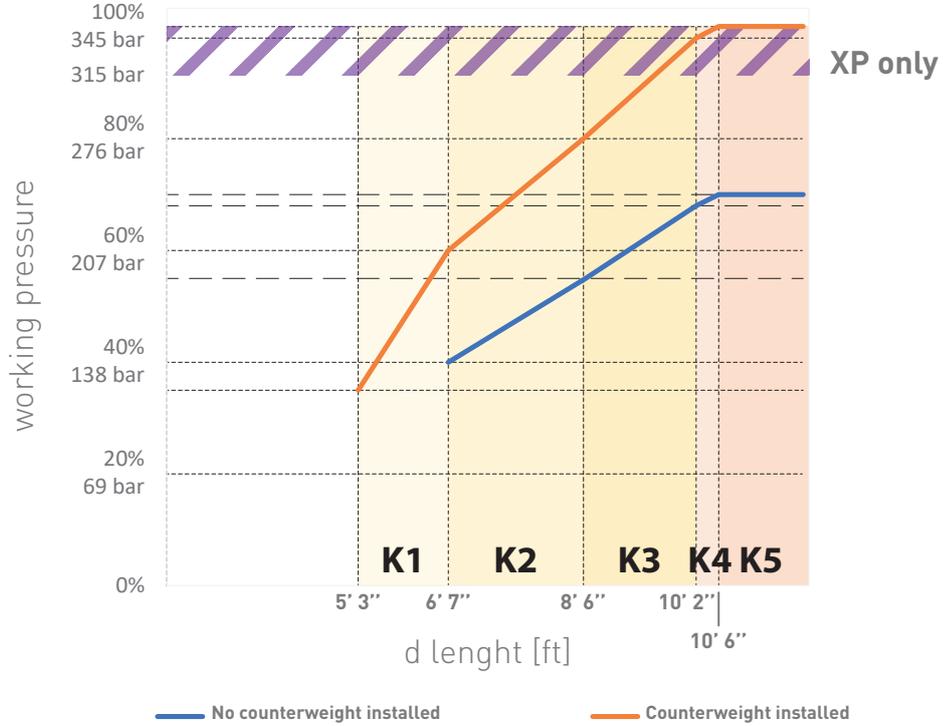
†: LMI limited at 6,615 lb

CRANE PERFORMANCE

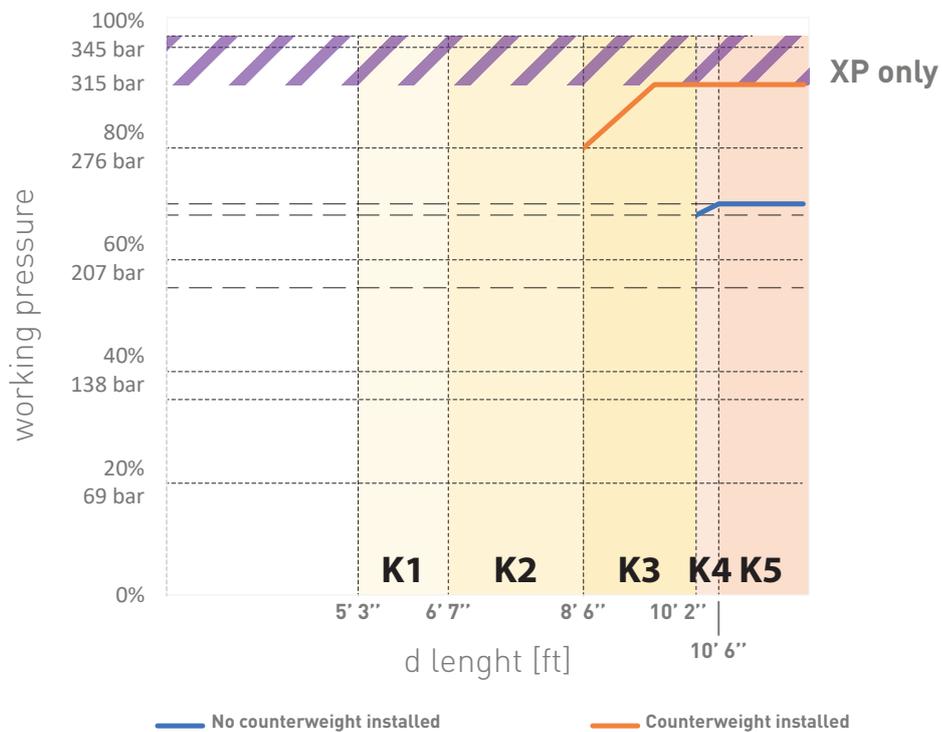
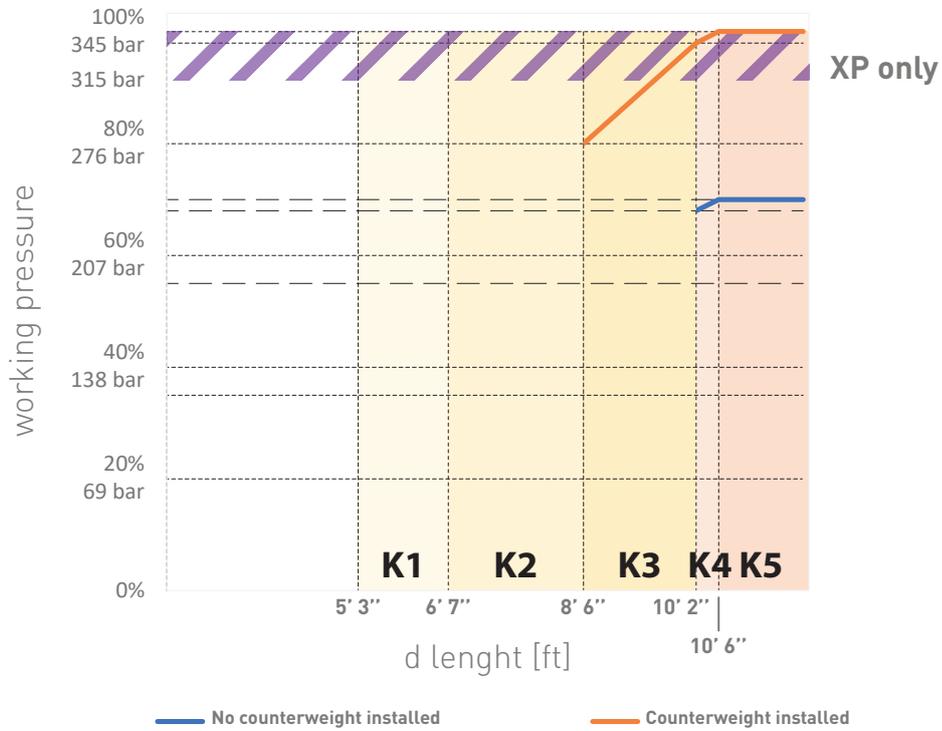


K	d min	d max
K1	5' 3"	6' 7"
K2	6' 7"	8' 6"
K3	8' 6"	10' 2"
K4	10' 2"	10' 6"
K5	10' 6"	-

JF545 - MAIN BOOM



JF545 - JIB3000.6HA





JF545 - MAIN BOOM



80%
276 bar



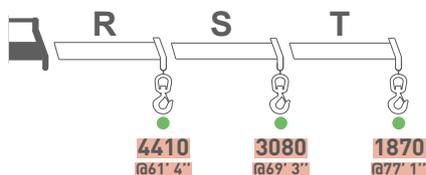
60%
207 bar



40%
138 bar

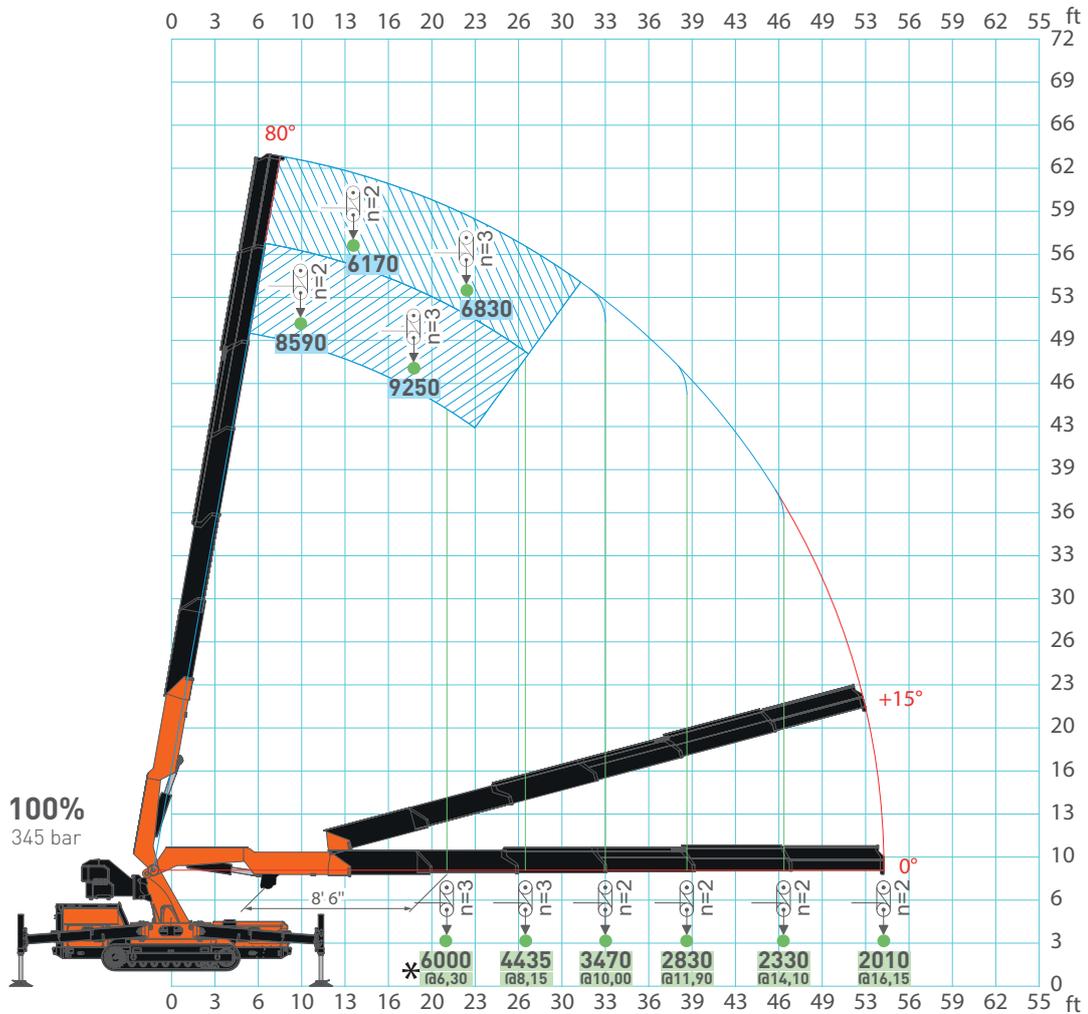


20%
69 bar



[ft] [lb]

JF545 - MAIN BOOM



80%
276 bar



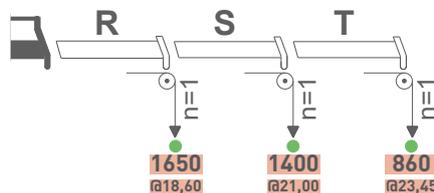
60%
207 bar



40%
138 bar



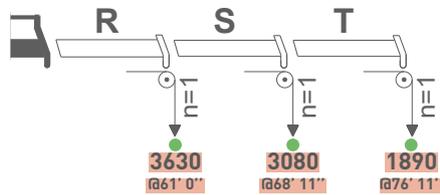
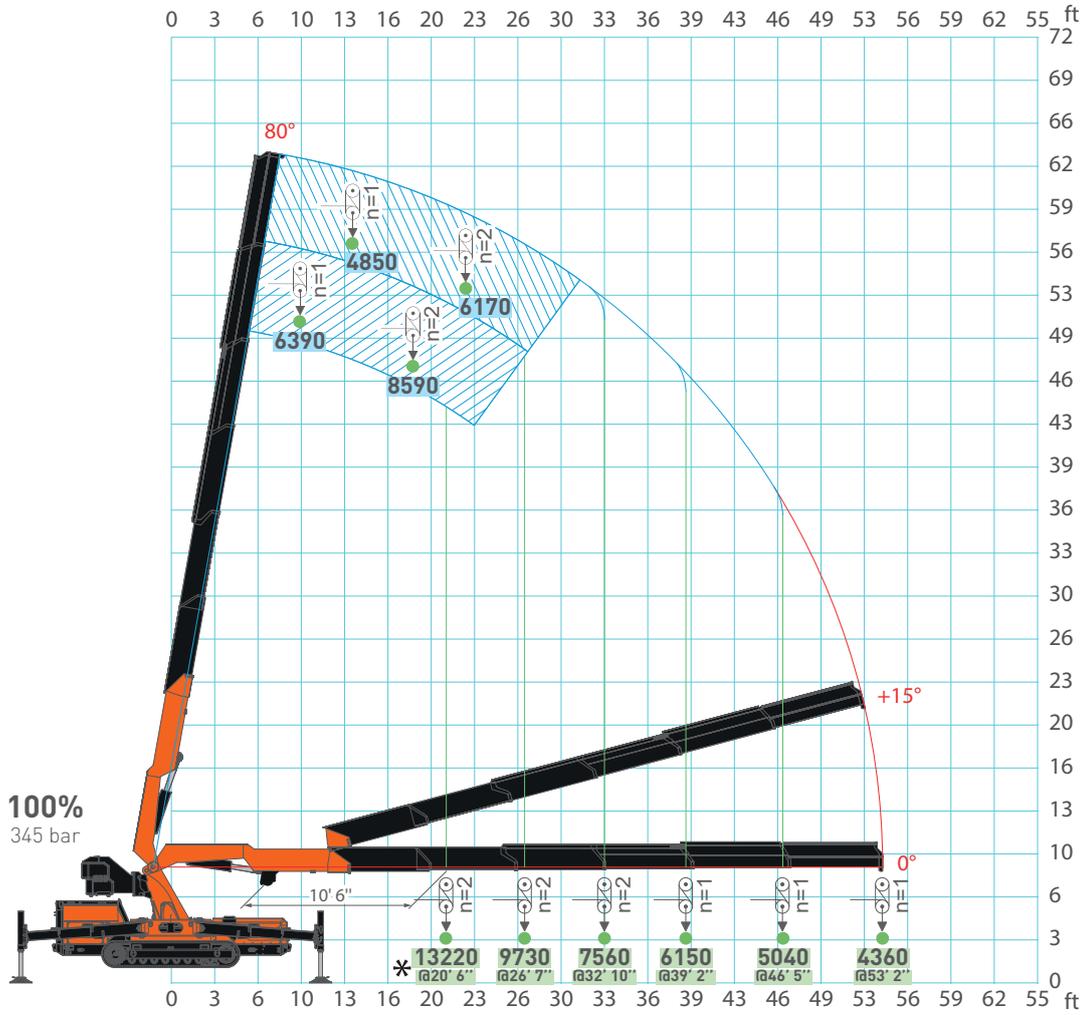
20%
69 bar



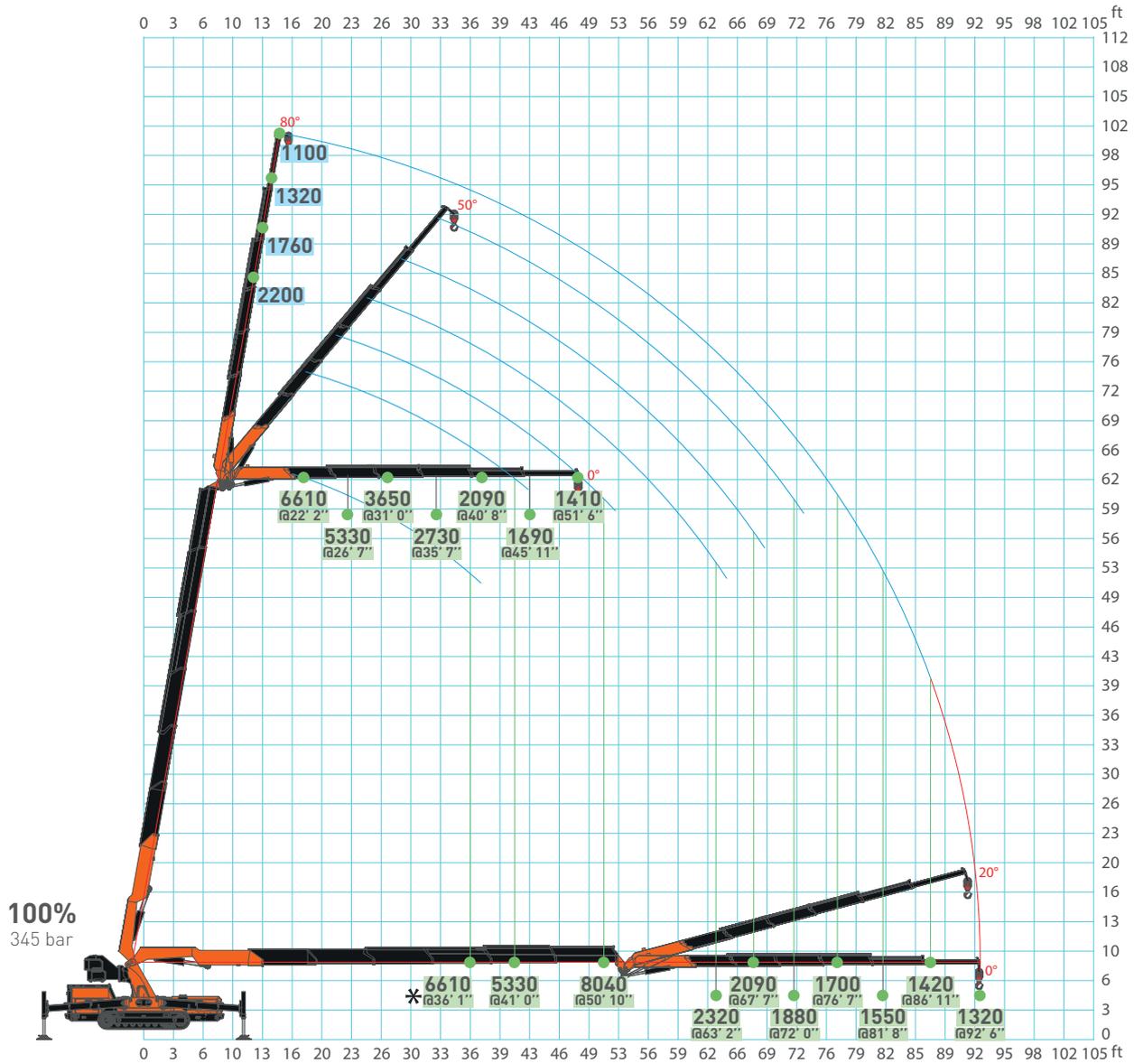
[ft] [lb]



JF545 - MAIN BOOM

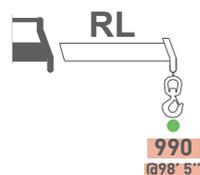


JF545 - JIB3000.6HA



100%
345 bar

80%
276 bar



The load chart refers to the crane in deflection condition.

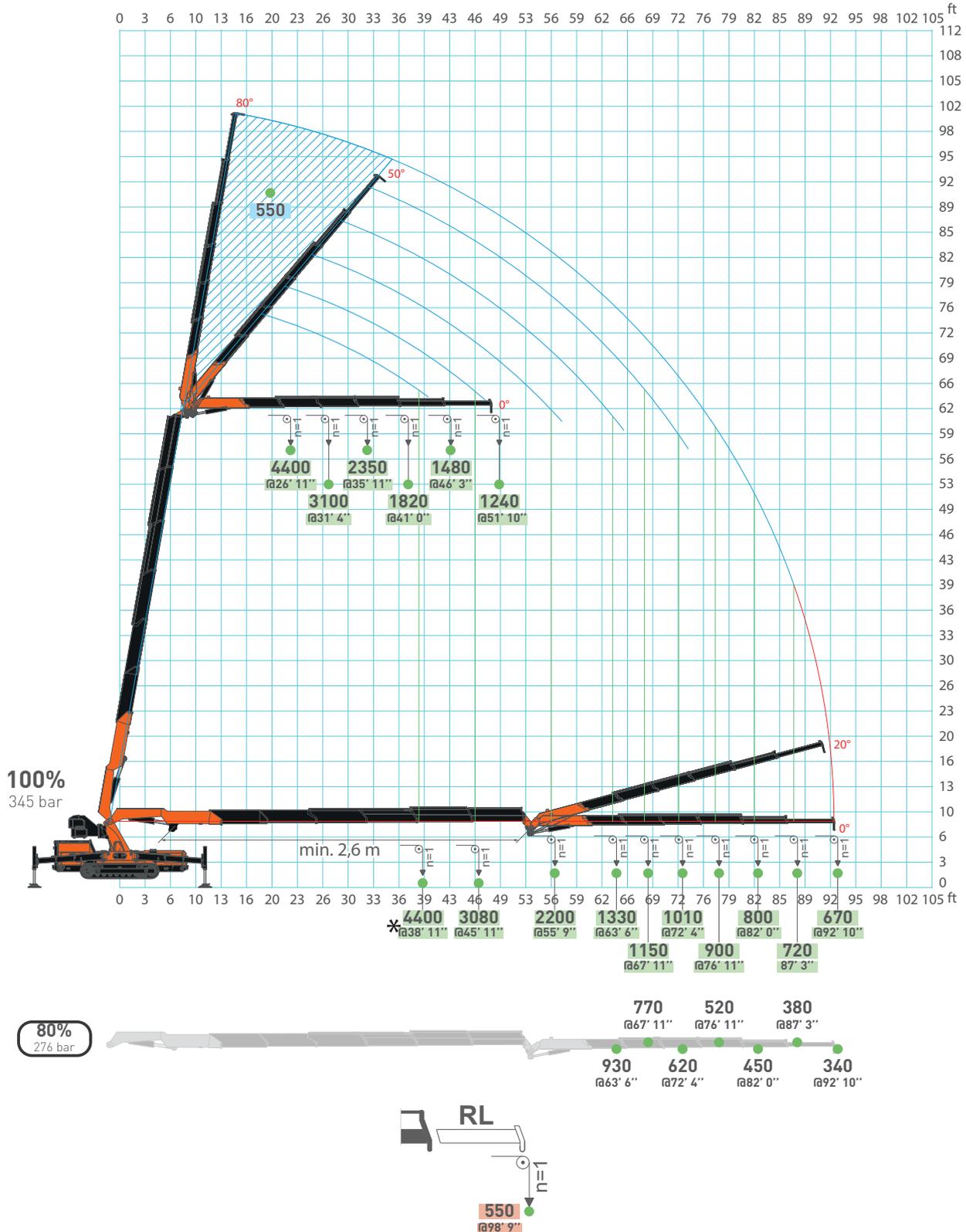
[ft] [lb]



JF545 - JIB3000.6HA



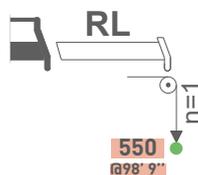
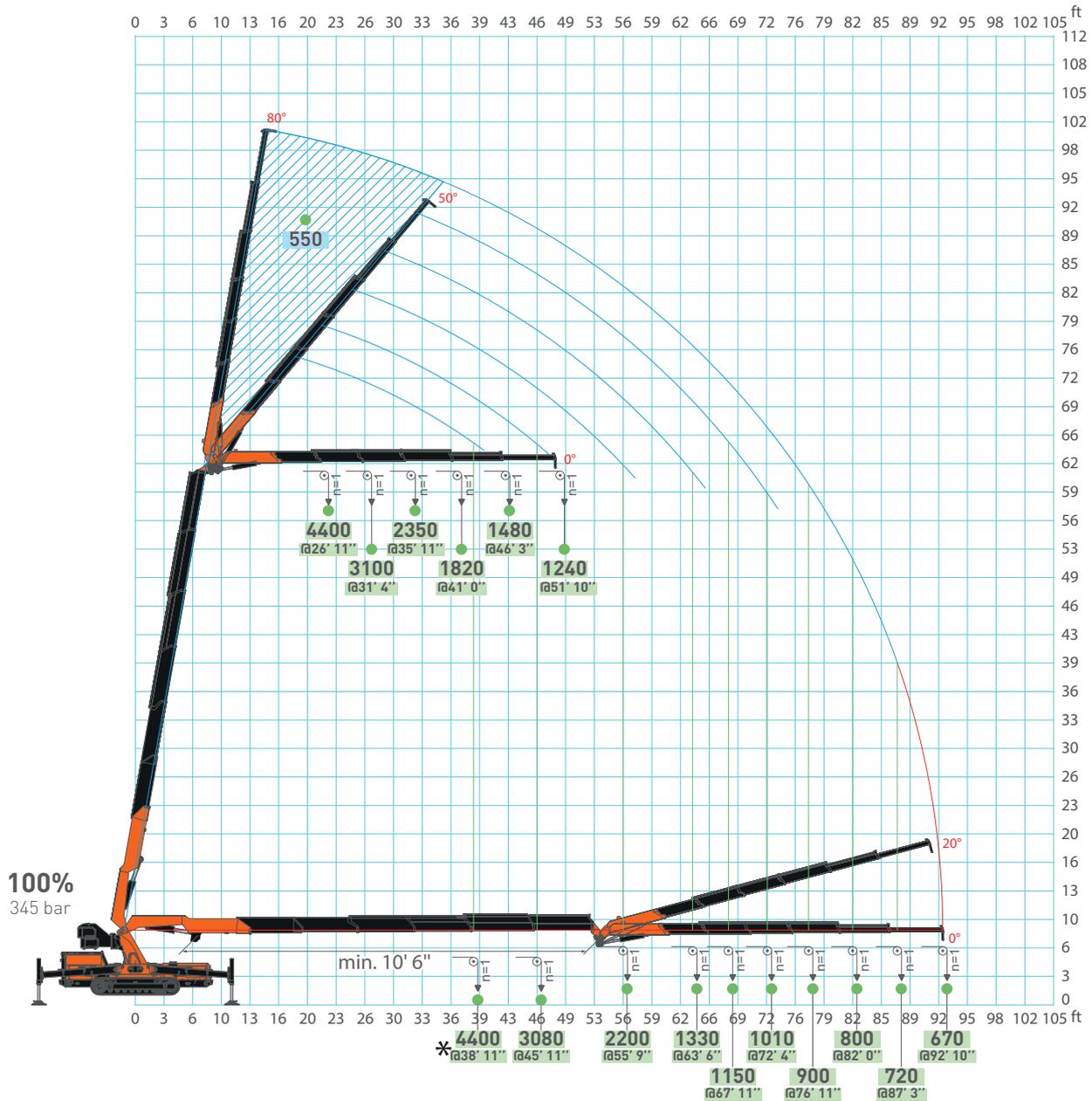
V20



[ft] [lb]

The load chart refers to the crane in deflection condition.

JF545 - JIB3000.6HA



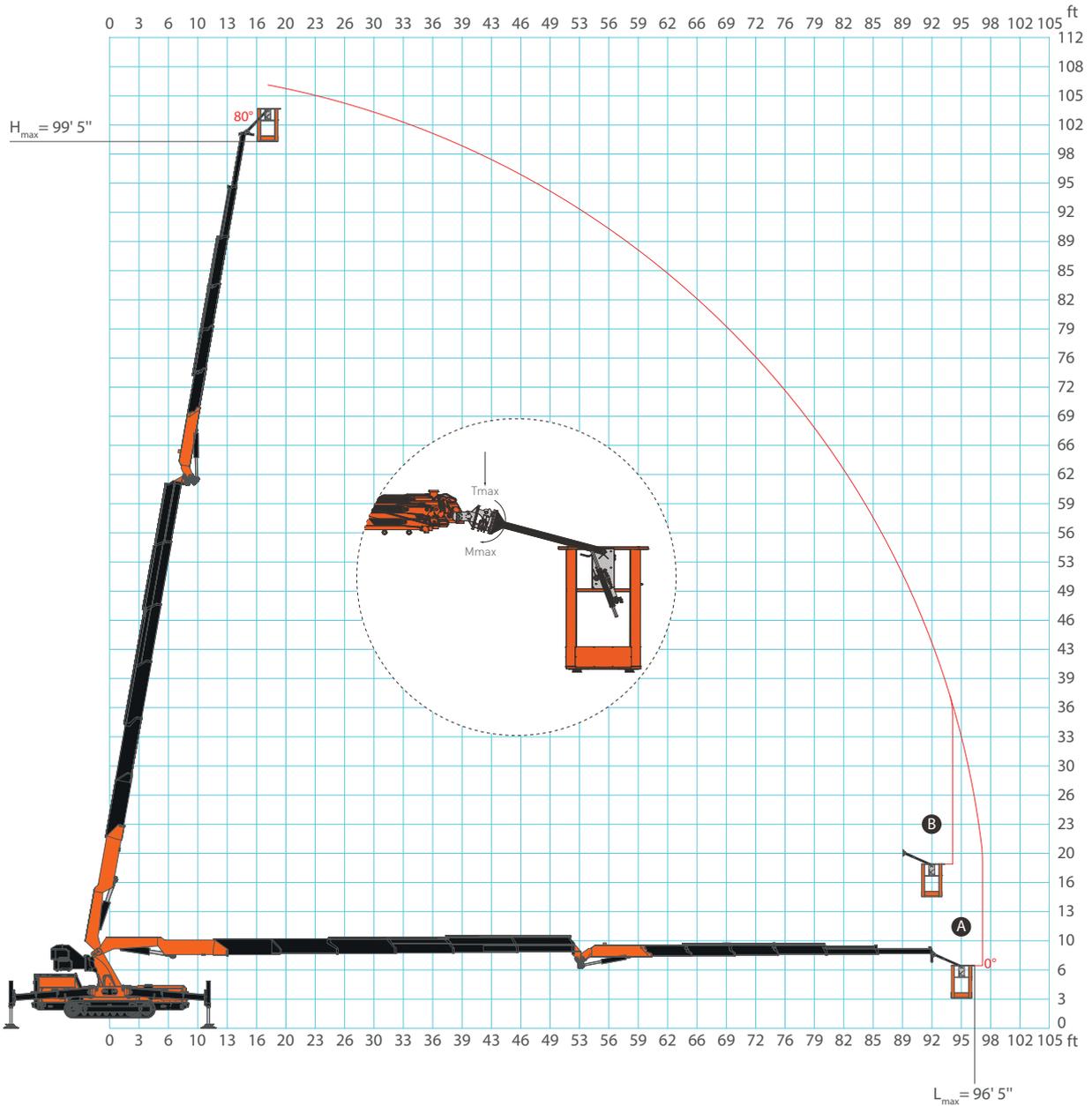
The load chart refers to the crane in deflection condition.

[ft] [lb]

JF545 - MWP-2PG.JIB3000.6HA



V20



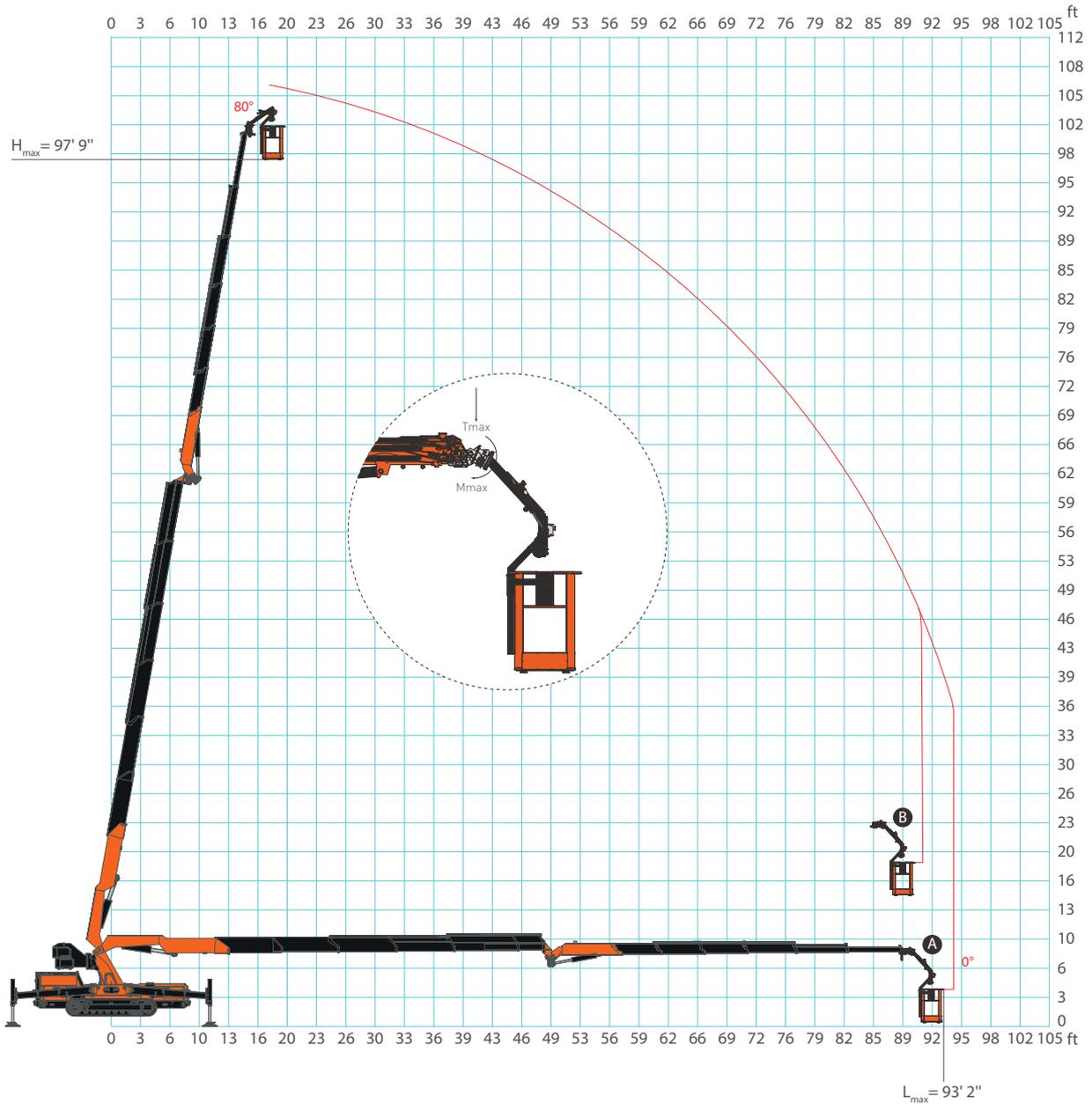
A	PLE	MWP-2PG.JIB3000.6HA	without activation	P_{max}	440 lb
		MWP-2PG.JIB3000.6HA	with activation	P_{max}	440 lb

*:The load chart refers to the crane in deflection condition.

**: The crane is equipped with LMI. The maximum reachable distance may vary by about 3' 3".

***: The maximum reachable distance can be reached by extending the JIB first and then extending the boom.

JF545 - MWP-2PGR.JIB3000.6HA



A	PLE	MWP-2PGR.JIB3000.6HA	without activation	P_{max}	440 lb
B		MWP-2PGR.JIB3000.6HA	with activation	P_{max}	440 lb

*:The load chart refers to the crane in deflection condition.

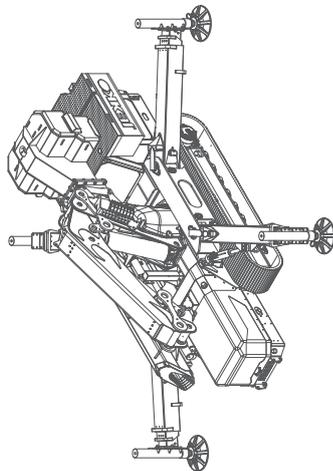
**: The crane is equipped with LMI. The maximum reachable distance may vary by about 3' 3".

***: The maximum reachable distance can be reached by extending the JIB first and then extending the boom.

Jekko s.r.l

Price List 2023.10 - JF Series

JFS4S



ACCESSORIES JF545 CDH

MAN-BASKET

- MWP-JIB3000.6HA
- MWP-1PG-JIB3000.6HA
- MWP-1PGR-JIB3000.6HA
- MWP-2PG-JIB3000.6HA
- MWP-2PGR-JIB3000.6HA
- MWP-CERT

JIB & ATTACHMENTS

- JIB3000.6HA
- JF-HLS2
- PS-JF545
- PS-JFM-JFX
- MOC-JFS/JFM
- MOC-JFS/JFM-2
- ME1-JIB3000.6HA
- MEH-JIB3000.6HA
- HA-JIB3000.6HA

CRANE OPTIONS

- W2000-JFM
- W3000-JFM-JFX
- JF-HLS1
- CW-JF545
- TB-JFM
- ME1-JF545.6
- MEH-JF545.6
- WA-JFS/JFM
- HA-JFS/JFM

CRAWLER OPTIONS

- PP400.13-JFM
- PP480.13-JFM
- WTP-JF545
- TW-JFM-JFX
- PW10-JF
- HAPW-JFM
- EOC-JF545

WARRANTY EXTENSION

- 2YW-JF545
- 3YW-JF545

COLOR & STICKERS PERSONALIZATION

STANDARD:	<input type="checkbox"/> RAL2004	<input type="checkbox"/> PC1	<input type="checkbox"/> PC2	<input type="checkbox"/> PC3	<input type="checkbox"/> PC4
CUSTOM:	<input type="checkbox"/> RAL2004	<input type="checkbox"/> RAL9005	<input type="checkbox"/> PC3	<input type="checkbox"/> PC4	<input type="checkbox"/> PC4

COVERS+ TOOL BOXES

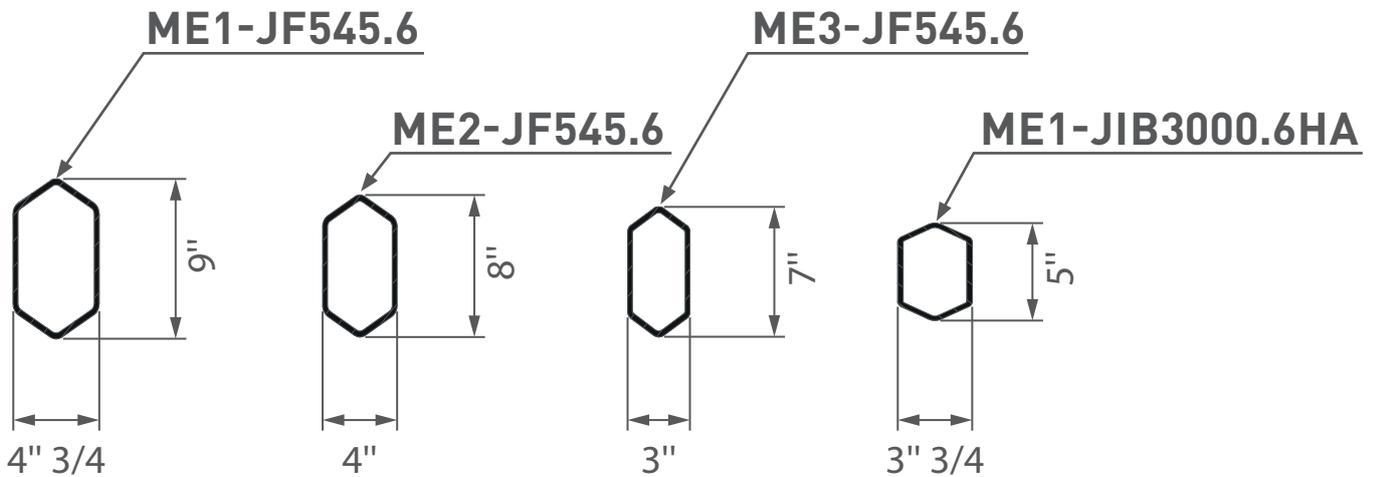
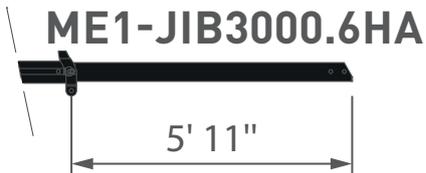
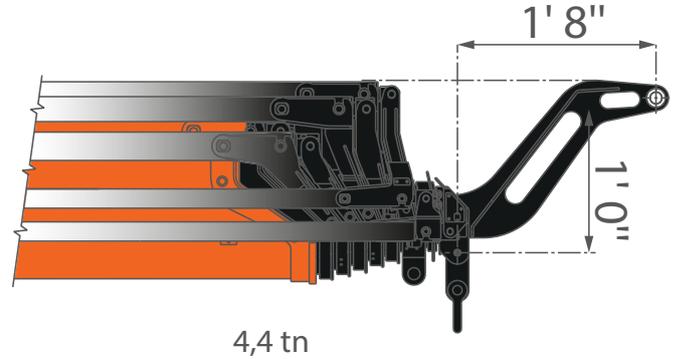
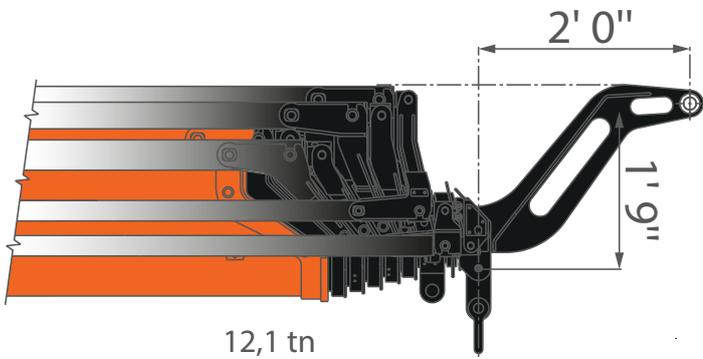
OUTRIGGERS' EXTENSIONS

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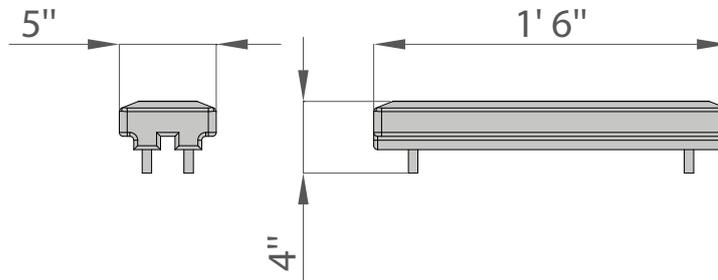
ACCESSORIES FEATURES

MEH-JF545.6

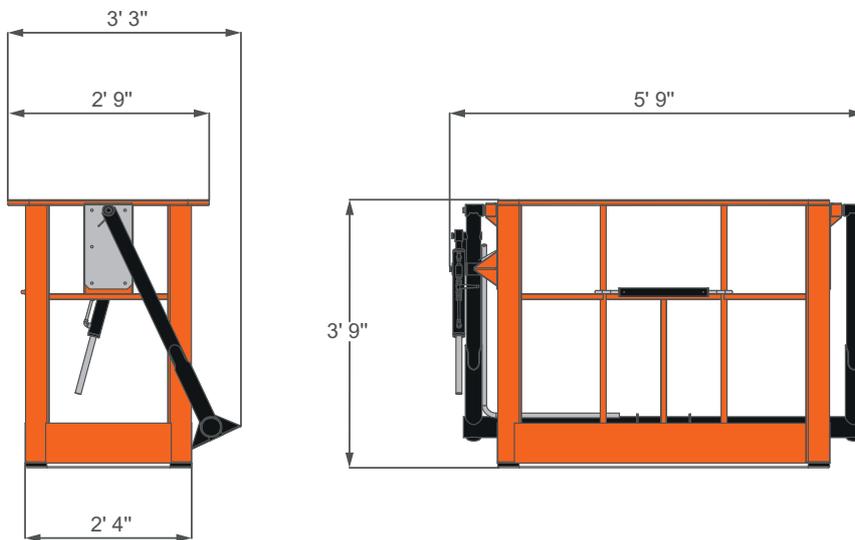
MEH-JIB3000.6HA



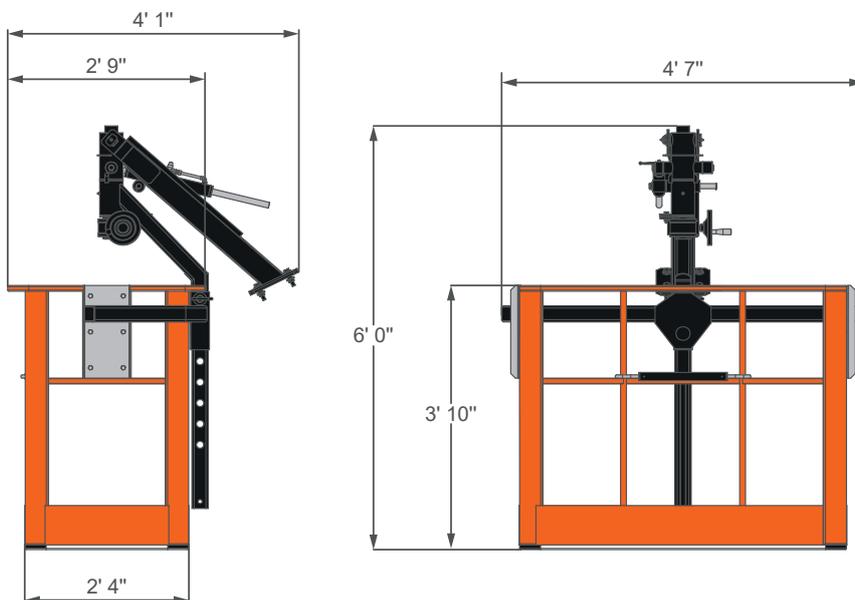
ACCESSORIES FEATURES WTP-JFM



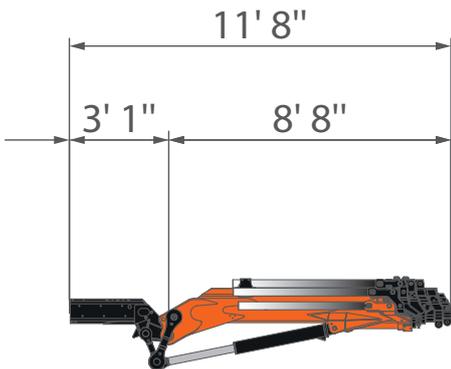
MWP-2PG.JIB3000.6HA



MWP-2PGR.JIB3000.6HA



ACCESSORIES FEATURES
JIB3000.6HA



SYMBOLS

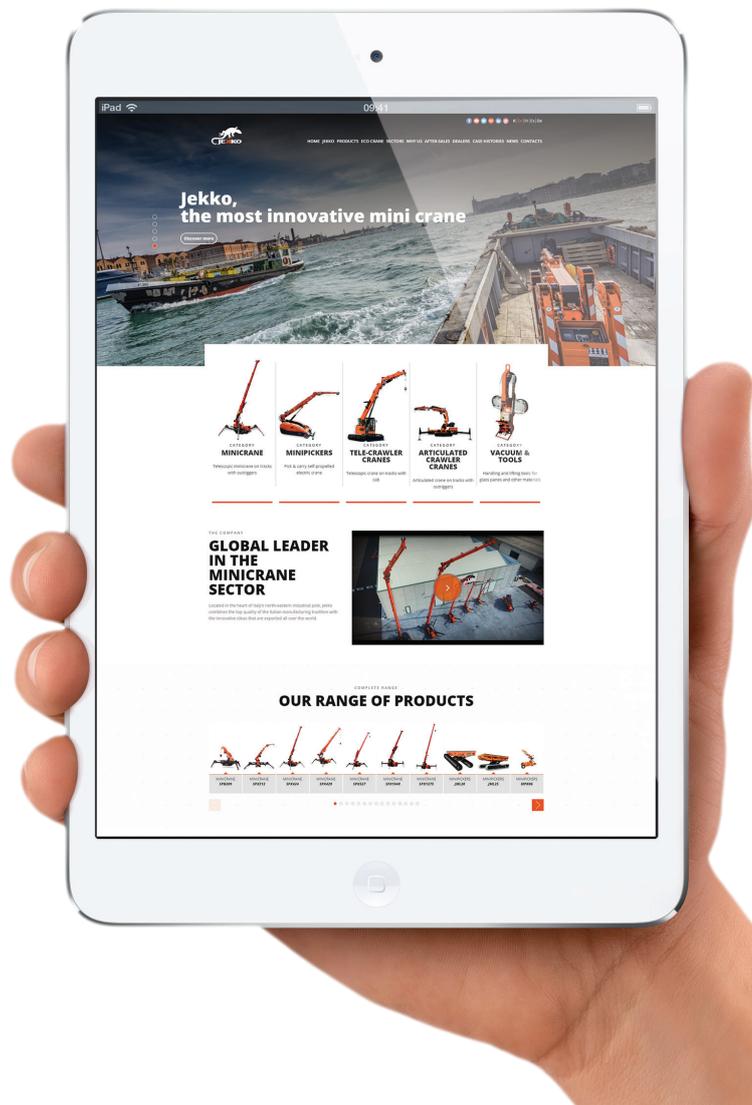
	Counterweight		Engine		Boom Angle		Hydraulic Oil
	Crane		Diesel Fuel		Boom Length		Powerpack
	Travel Speed		Tank		Jib		Outriggers Mats
	Gradeability		Power		Main Winch		Slewing
	Track Load		Outrigger Load		Hook Block		Low Marking Pads
	Maximum Capacity		PLE		Hook		

REMARKS REFERRING TO LOAD CHART

- HC1 HD5 S2 lifting class in hook configuration, whereas HC1 HD4 S2 lifting class in winch configuration, according to **EN12999:2020** 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 radius are measured from the slewing centre.

**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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SERIAL NUMBER: