



Technical Data

Specifications & Capacities

JF1050CDH

Translation of the original instructions

[ft] [lb]

10.07.2026 | REV0.1



EN 12999:2020

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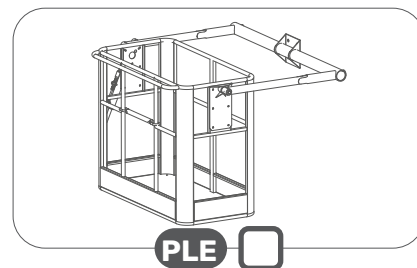
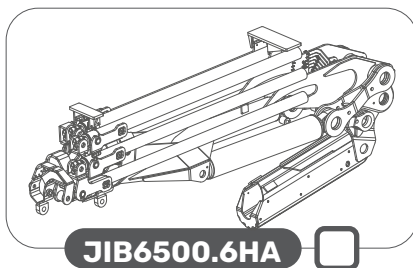
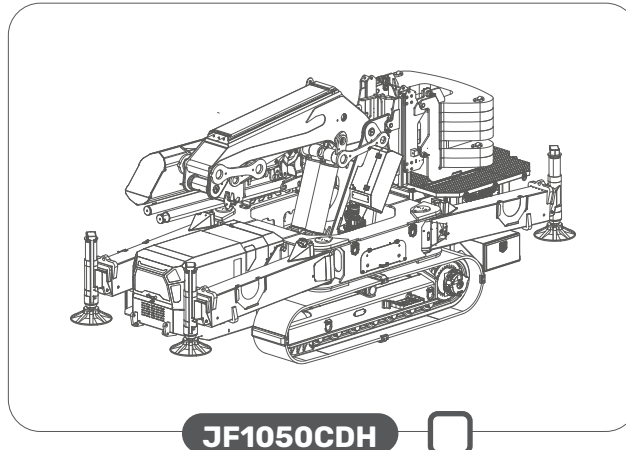
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CRANE CONFIGURATION

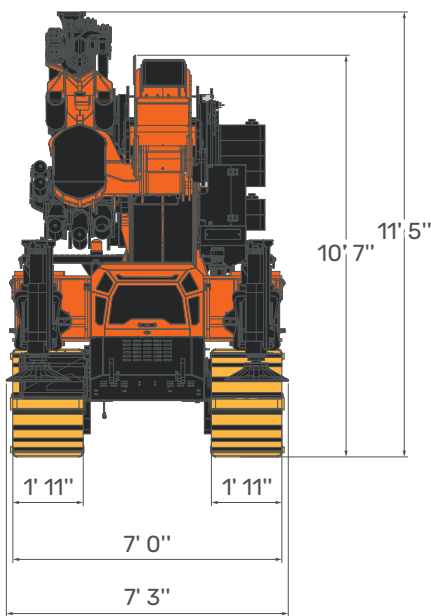
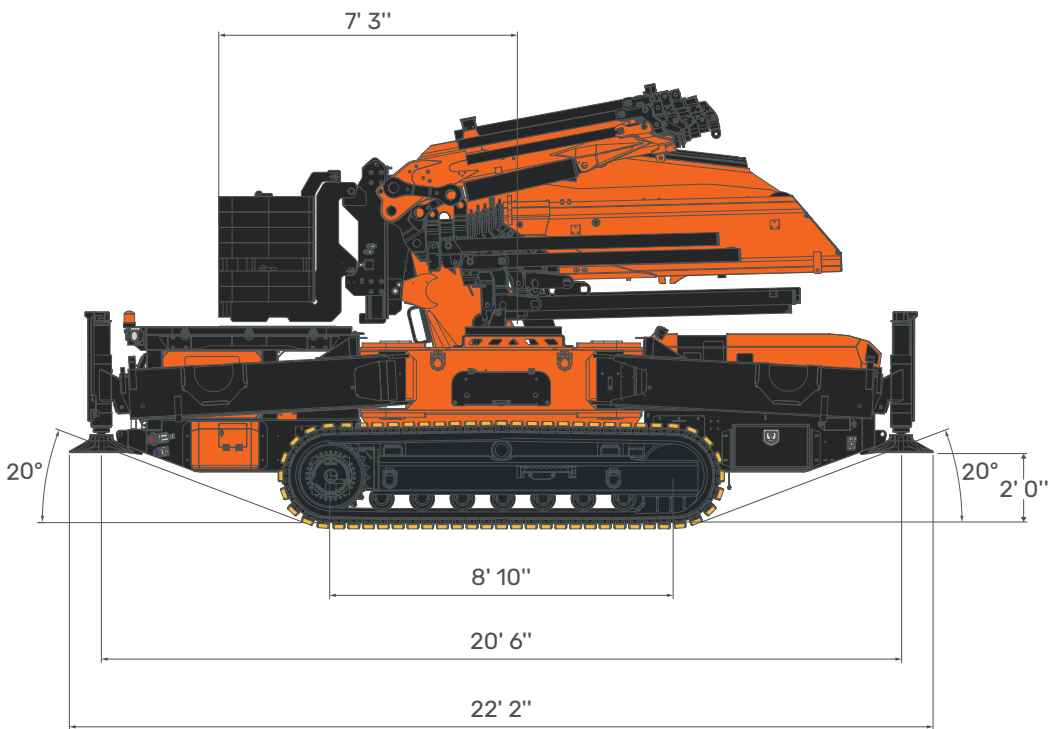


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Overall dimensions

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OVERALL DIMENSIONS



OVERALL INFORMATION

CRANE INFO

	DESCRIPTION	U.M.	VALUE
	OVERALL DIMENSIONS	ft	Height
			10' 3"
			Length
		ft	22' 2"
			Width
			7' 3"
	BOOM	ft	Length
			15' 1"/64' 10"
		s	Speed
			58 ^[1] (15' 1"/64' 10")
	SLEWING	°	Angle
			360°
		rpm	Speed
			0.67
	LIFTING	°	Working Angle
			0°/80°
		s	Speed
			- (0°/80°)
MAX CAPACITY		lb	48,500
MAX OUTRIGGERS MAX LOAD		daN	30,675 ^[2]
TRACK LOAD (STANDARD CONFIGURATION)		lb/in ²	10.2
	TRAVEL SPEED	mph	Slow
			-
		mph	Fast
			-
MAX GRADEABILITY (CLOSED TRACKS)		°	-° (-%)
WORKING TEMPERATURE		°F	+14°/+104°
SOUND EMISSIONS		dB	-
MAX WIND SPEED IN WORKING CONDITIONS		ft/s	45.2
Lifting Class (UNI 4301-1)		A1	

^[1]: Timing without load, fully stabilized and without XP

^[2]: Static lifting

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Overall informations

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WEIGHT		CRANE	Standard Configuration		lb	46,780 ^{[1][2]}
		COUNTERWEIGHT	CW-1		lb	6,610
			CW-2			4,400

HOOKBLOCKS		HOOKBLOCK	Single Fall		lb	160
			Double Fall			155
			Triple Fall			160
			Jib Single Fall			185

ACCESSORIES		JIB	JIB6500.6HA	With activation	lb	3,000
				Without activation		2,690
		WINCH	W2000-JFM		lb	440
			W3000-JFM-JFX			705
		MANUAL EXTENSIONS	ME1-JF1050.8		lb	250
			ME2-JF1050.8			190
			MEH-JF1050.8			377
			ME1-JIB6500.6			80
			ME2-JIB6500.6			55
			ME3-JIB6500.6			35
			MEH-JIB6500.6			48
		POWERPACK	3-Phase Kit		lb	176
		OUTRIGGERS MATS	OM500.1 (x4)		lb	203
		LOW MARKING PADS	WTP-JFX (x92)		lb	1,510
		PLE	MWP-1PG.JIB6500.6HA		lb	293
			MWP-2PG.JIB6500.6HA			352
			MWP-2PG-A.JIB6500.6HA			293
			MWP-2PG-S.JIB6500.6HA			328
			MWP-2PGR.JIB6500.6HA			456
			MWP-2PGR-A.JIB6500.6HA			380
			MWP-2PGR-S.JIB6500.6HA			418

^[1]: Dry weight
^[2]: Estimated fluids weight = 630 lb

ENGINE



ENGINE	Power Supply		Diesel	
	Power	kW	55,4	
		HP	75	
	Tank Capacity		gal	16

POWERPACK



POWER SUPPLY	- (CE)	3 PH + N + PE		
	- (UL-CSA)	3 PH + PE		

3-PHASE KIT	- (CE)	Tension	V	400
		Frequency	Hz	50
		Motor Power	kW	13,5
	- (UL-CSA)	Tension	V	480
		Frequency	Hz	60
		Motor Power	kW	13,5

BATTERY CHARGER	- (CE)	Charge	V	24
			Ah	27
	- (UL-CSA)	Charge	V	24
			Ah	27

HYDRAULIC SYSTEM



MAX WORKING PRESSURE		bar	325
TANK CAPACITY		gal	72
HYDRAULIC SYSTEM CAPACITY		gal	-
OIL	ISO6743-4:HV	Mineral	ISO VG46
ENGINE PUMP	Displacement	cc/rev	80
	Max Oil Flow	gal/min	42
3-PHASE MOTORIZATION PUMP	Displacement	cc/rev	45
	Max Oil Flow	gal/min	16

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Winch

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WINCH

W2000-JFM



LAYER	MAX PULL LINE	ROPE SPEED
		STANDARD
	daN	ft/min
1	2,000 ^[1]	148
4	— ^[1]	189

ROPE

WIRE ROPE	BREAKING LOAD	Ø	TOTAL LENGTH
	daN	in	ft
Anti twist 19x7 right lang lay	12,750	1/2"	196' 10"

W3000-JFM-JFX



LAYER	MAX PULL LINE	ROPE SPEED
		STANDARD
	daN	ft/min
1	3,000 ^[1]	91
3	— ^[1]	118

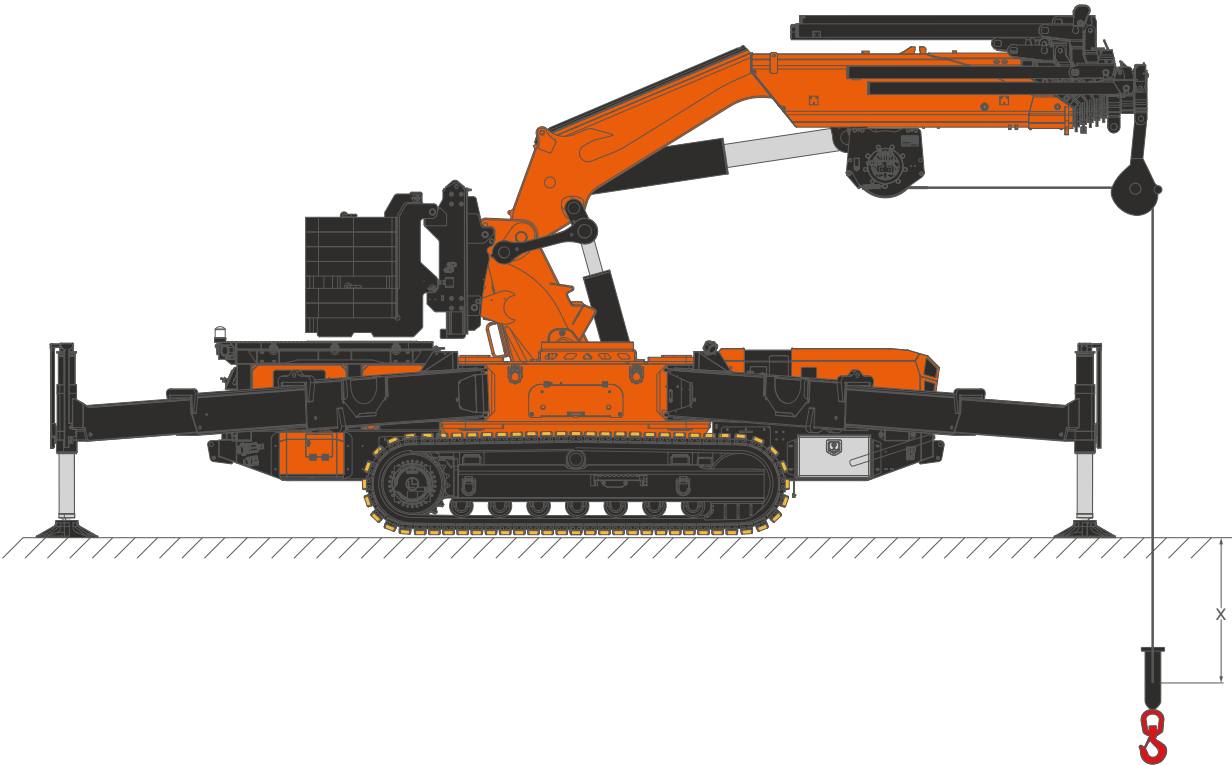
ROPE

WIRE ROPE	BREAKING LOAD	Ø	TOTAL LENGTH
	daN	in	ft
Anti twist 19x7 right lang lay	18,600	1/2"	196' 10"

^[1]: LMI limited at 4,400 lb.

^[2]: LMI limited at 6,610 lb.

WINCH ROPE MAX REACH



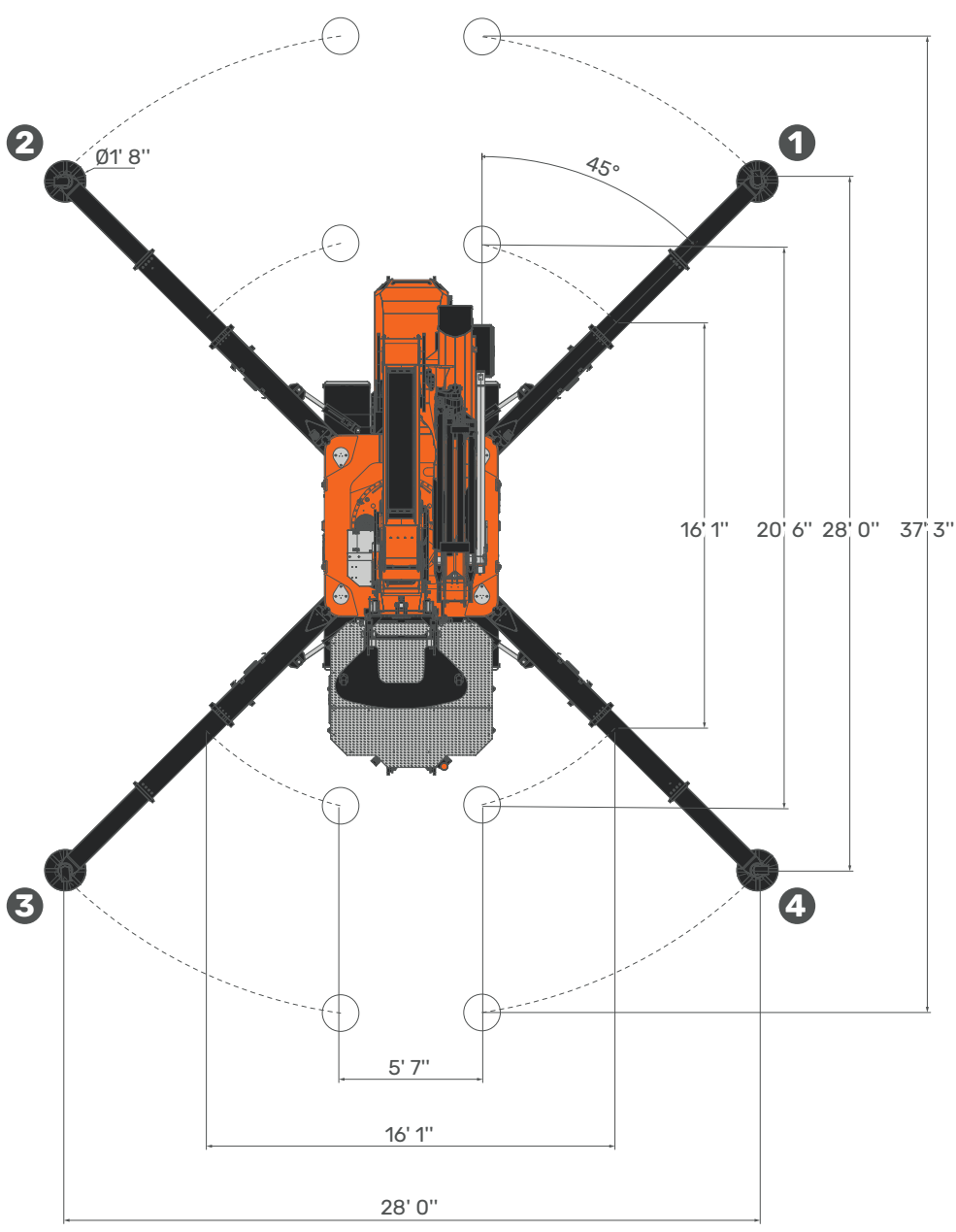
ROPE		W2000-JFM	Parts of Line	1	ft	167' 4"
				3		49' 3"
		W3000-JFM-JFX	Parts of Line	1	ft	164' 1"
				3		45' 11"

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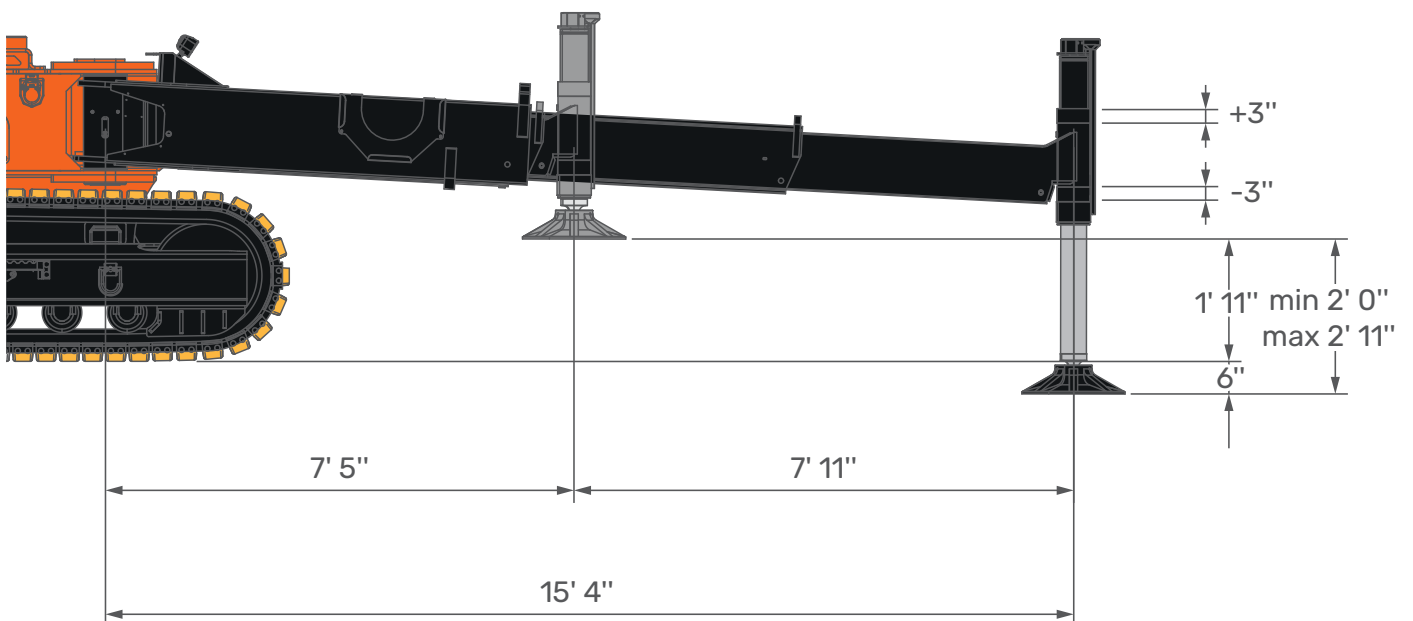
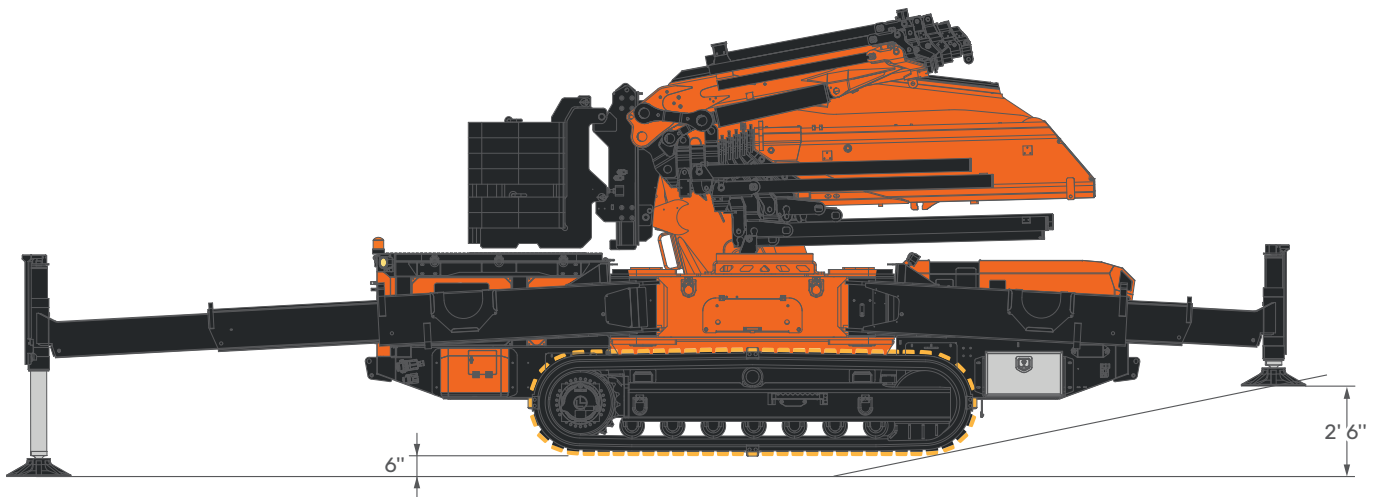
Stability areas

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STABILITY AREAS



OUTRIGGERS

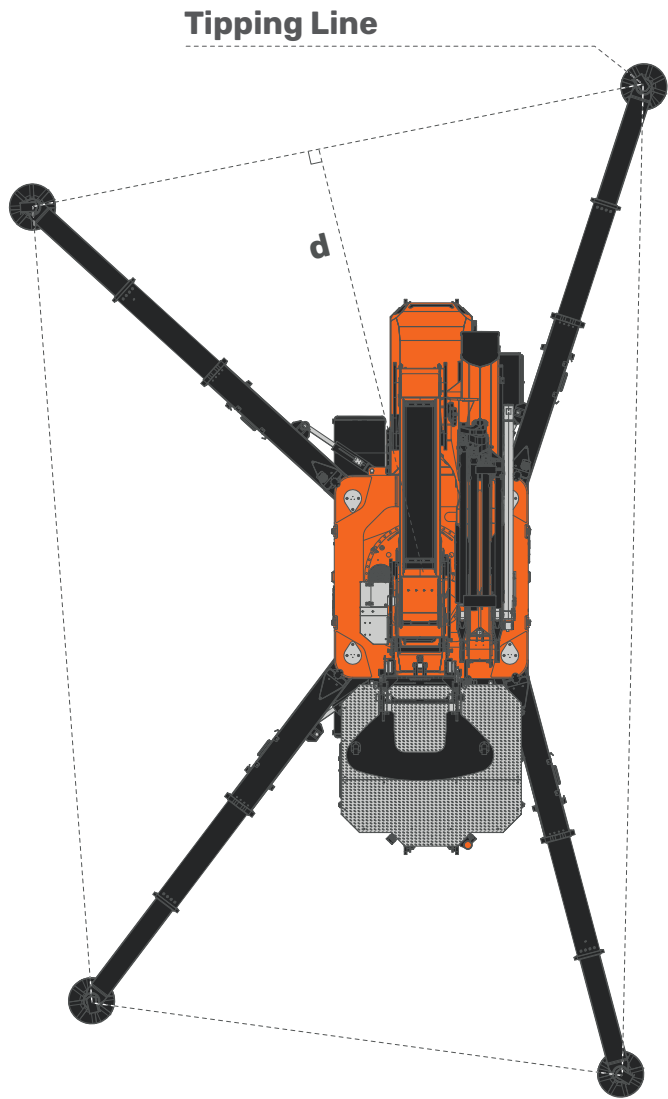


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Tipping line - Load chart selection

TIPPING LINE

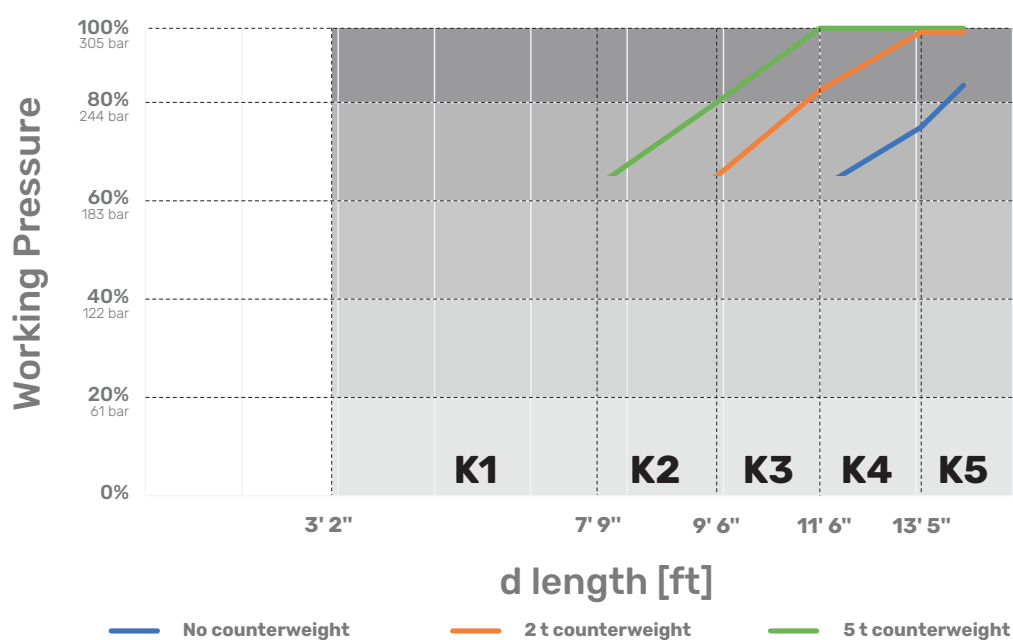
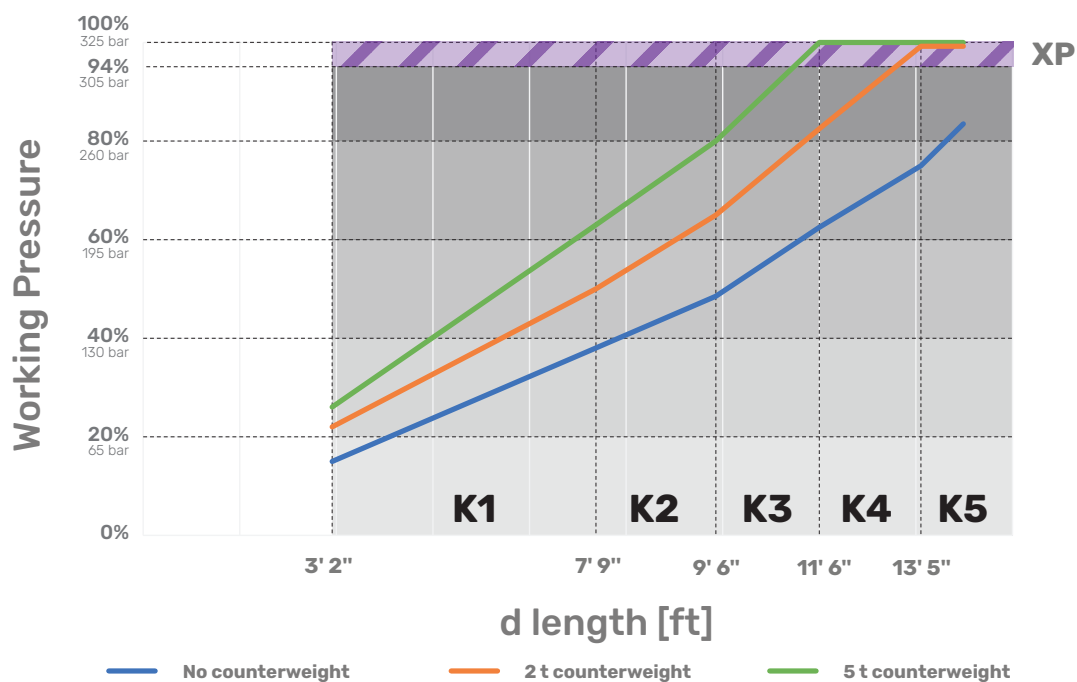


LOAD CHART SELECTION

K	d min	d max
K1	3' 2"	7' 9"
K2	7' 9"	9' 6"
K3	9' 6"	11' 6"
K4	11' 6"	13' 5"
K5	13' 5"	-

PRESSURE CHARTS

MAIN BOOM

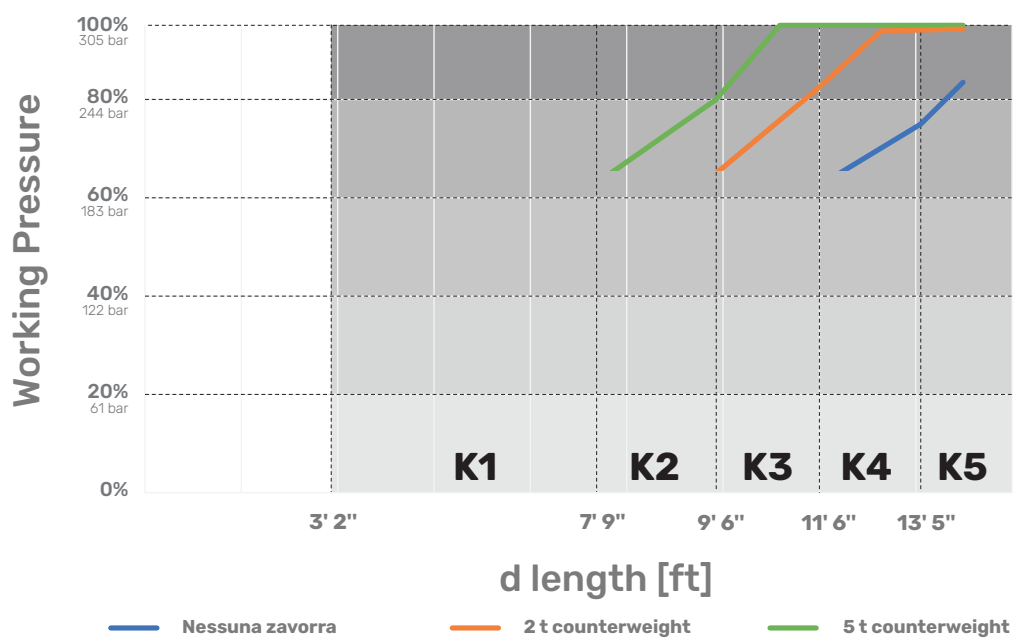
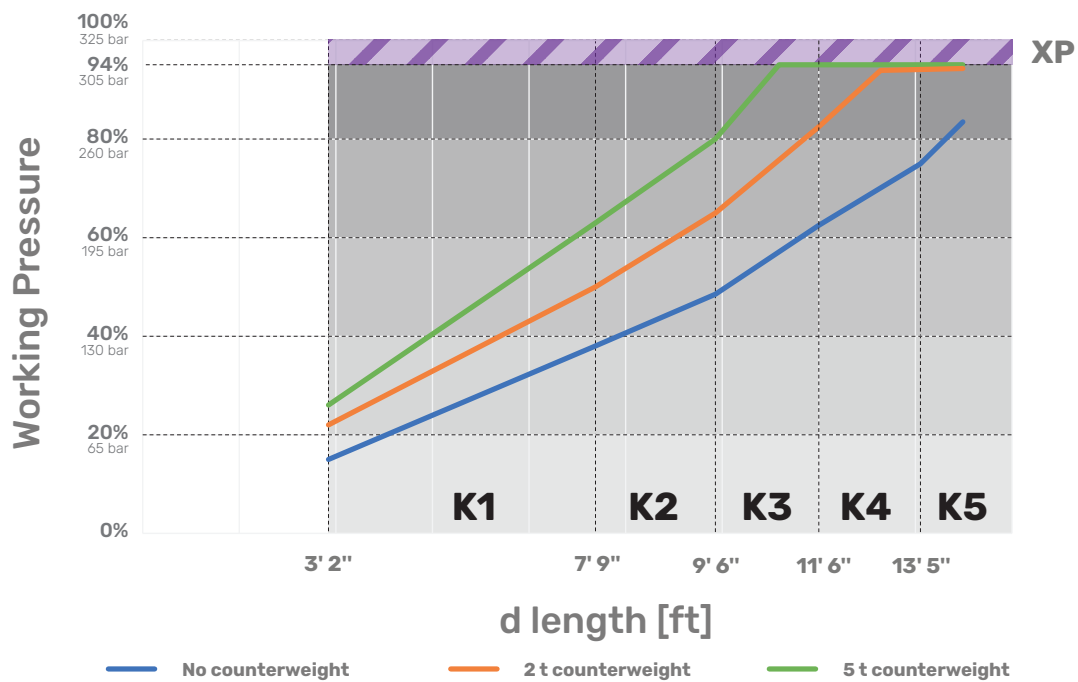


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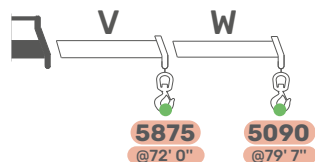
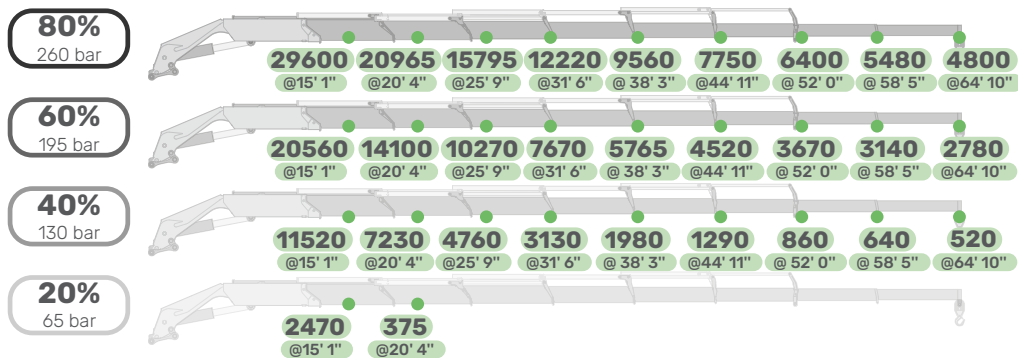
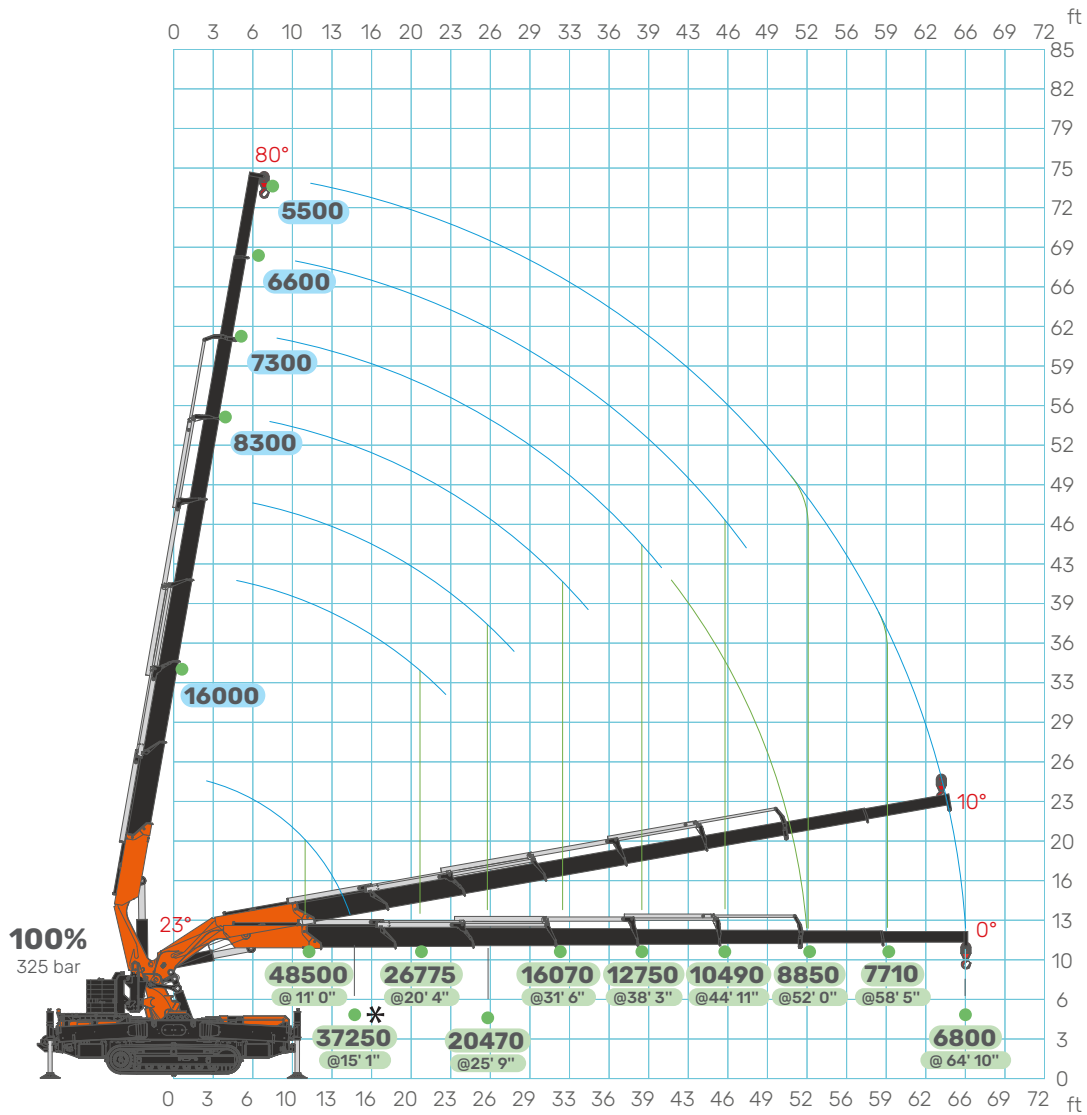
Pressure charts

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JIB6500.6HA



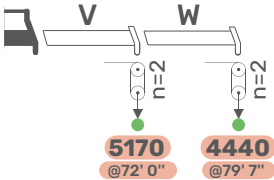
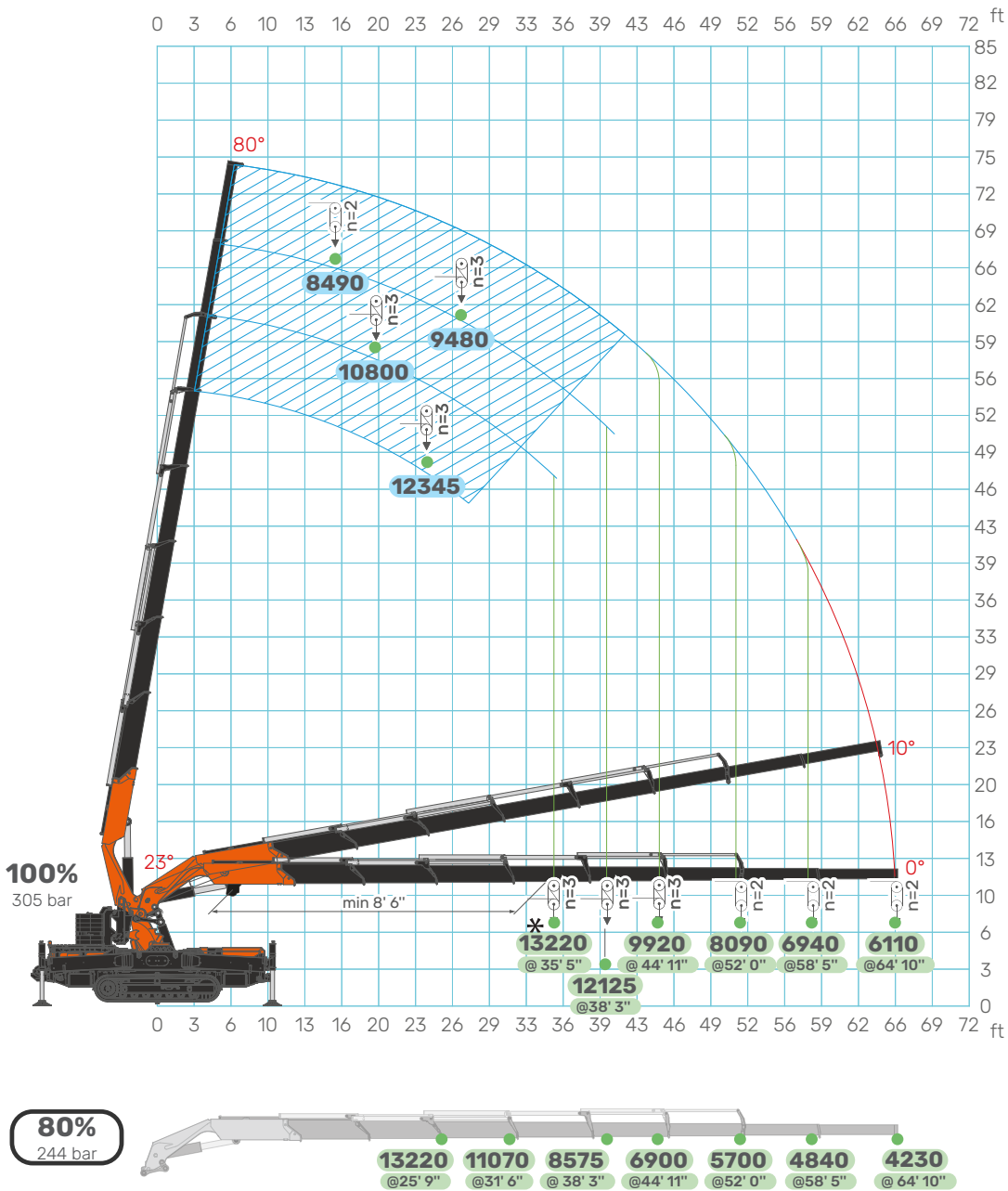
MAIN BOOM



JF1050CDH

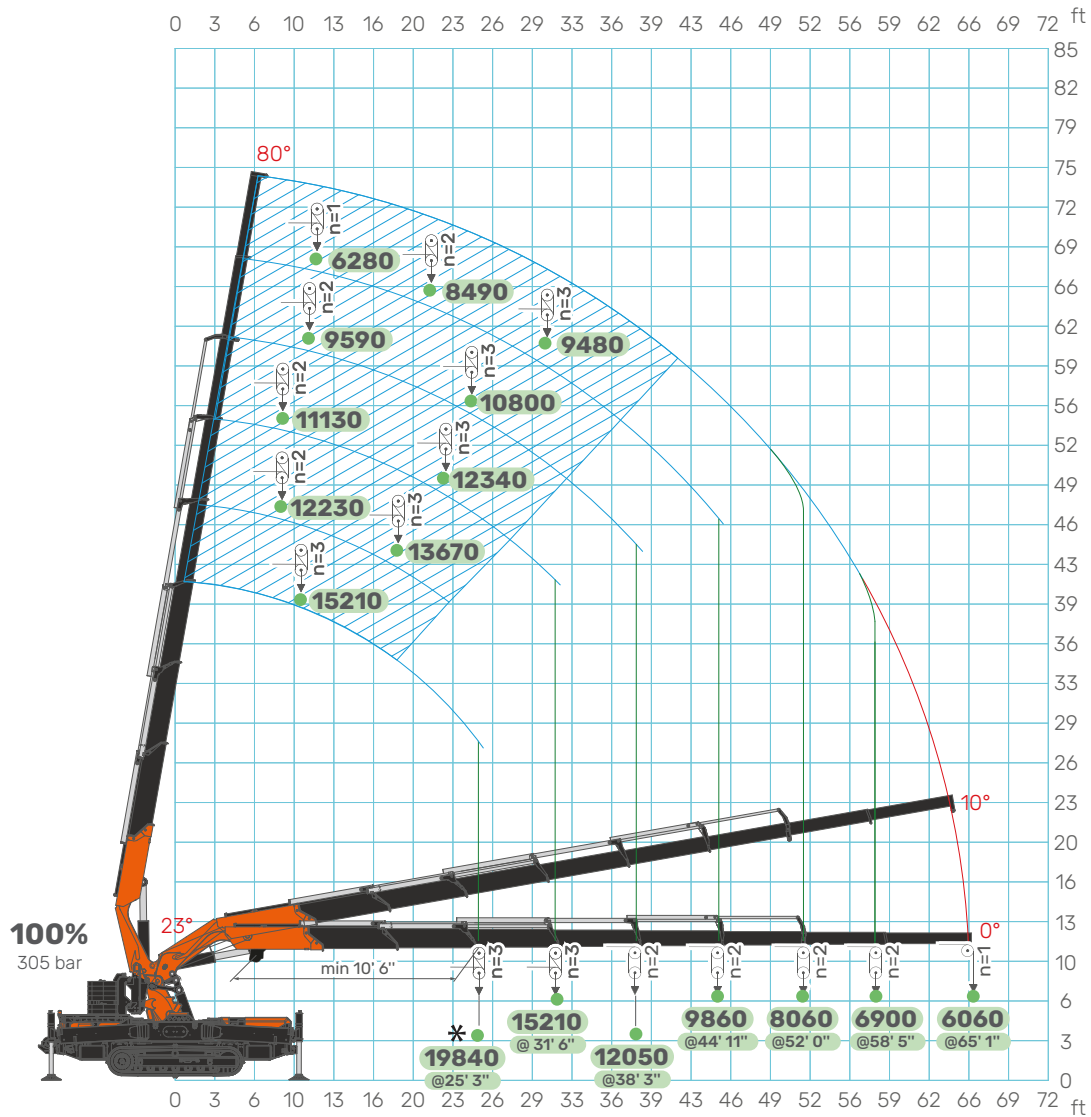
Main boom load chart

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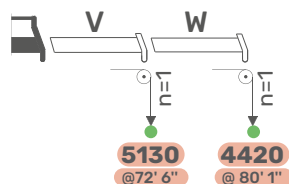
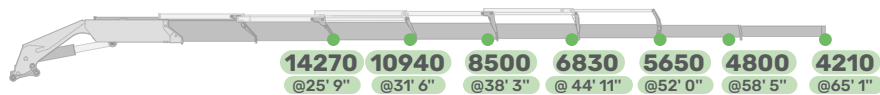


[ft] [lb]

Main boom load chart



80%
244 bar



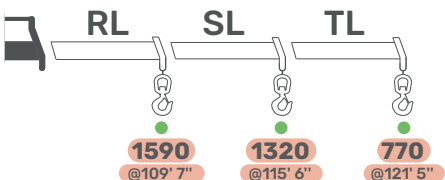
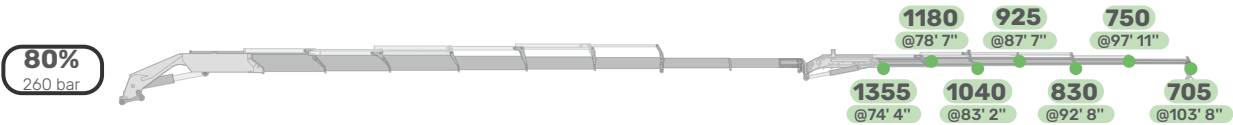
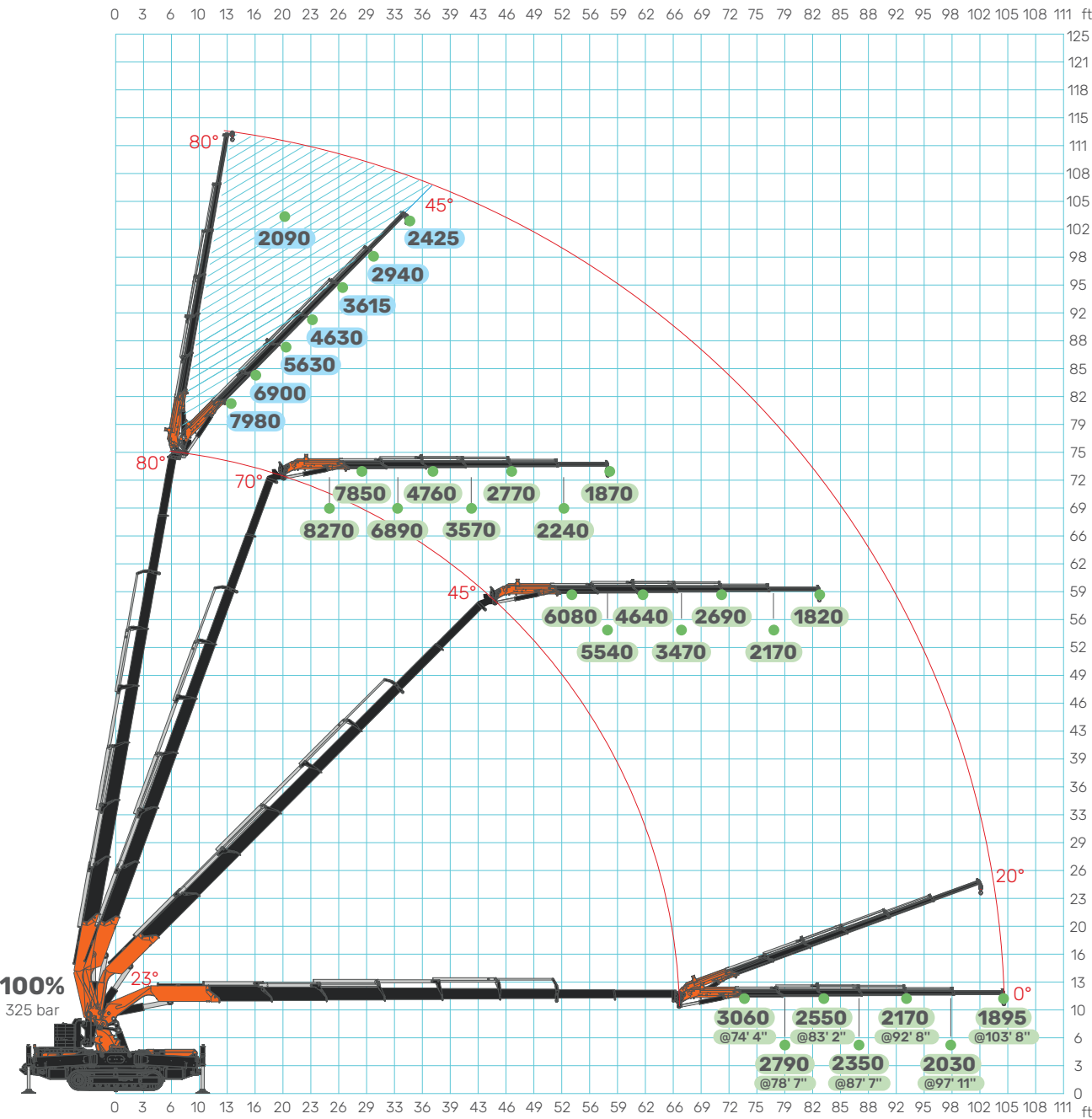
[ft] [lb]

JF1050CDH

JIB6500.6HA load chart

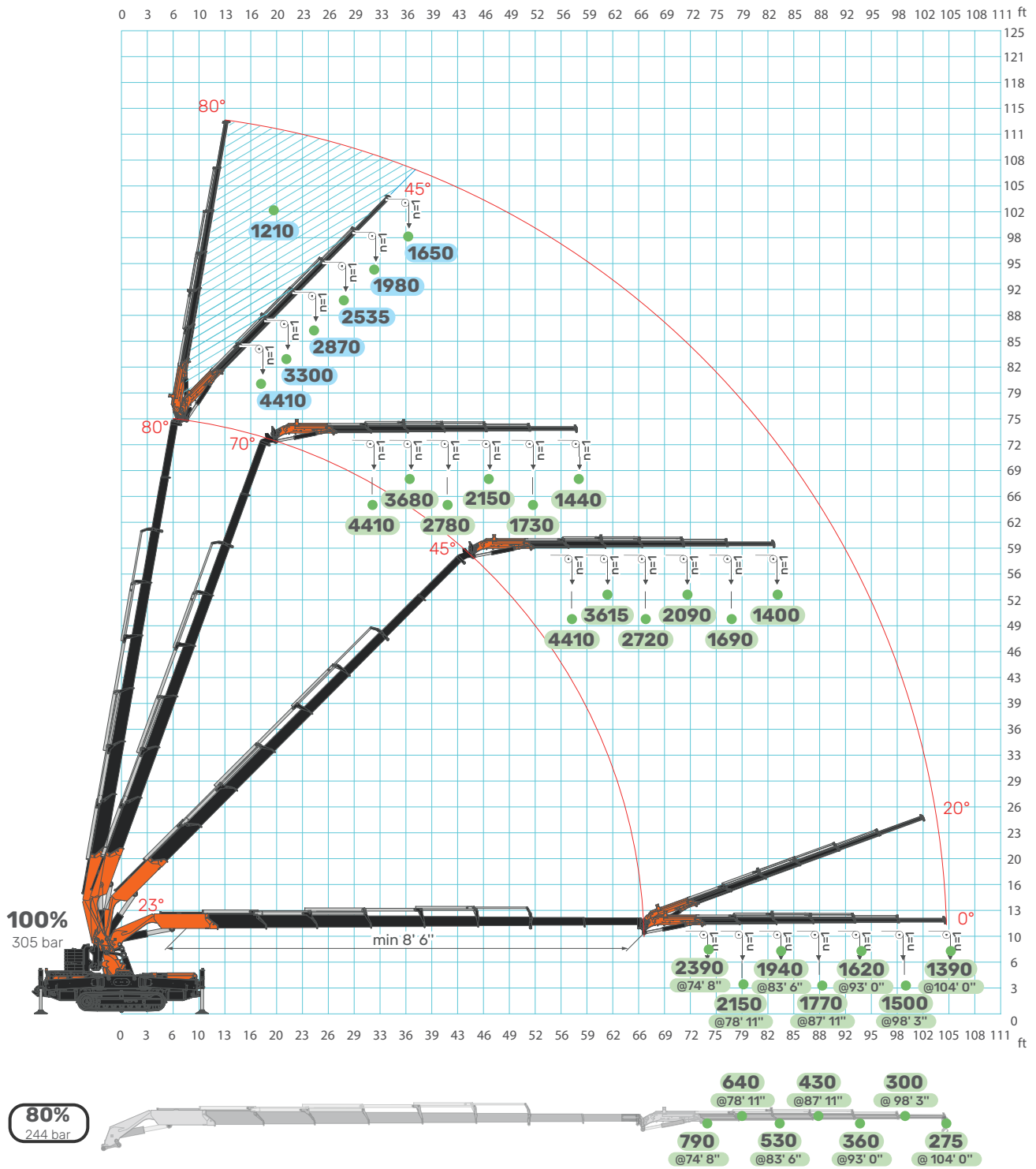
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JIB6500.6HA

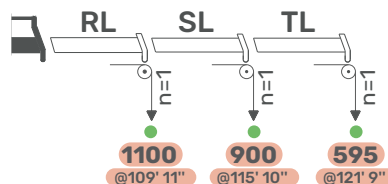


[ft] [lb]

JIB6500.6HA load chart



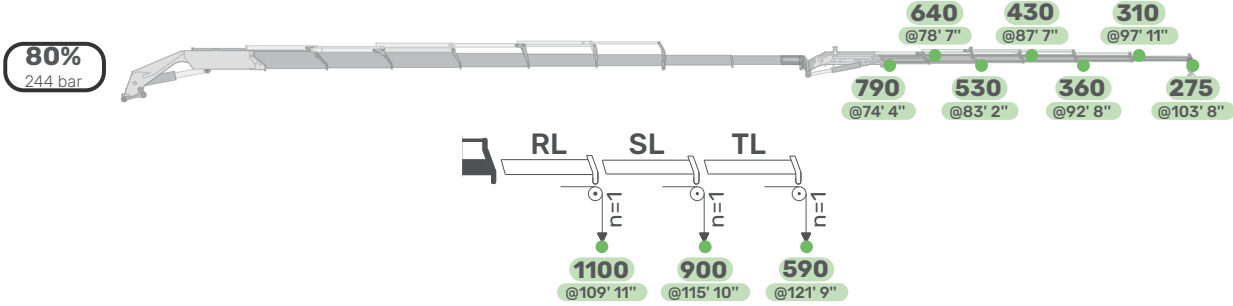
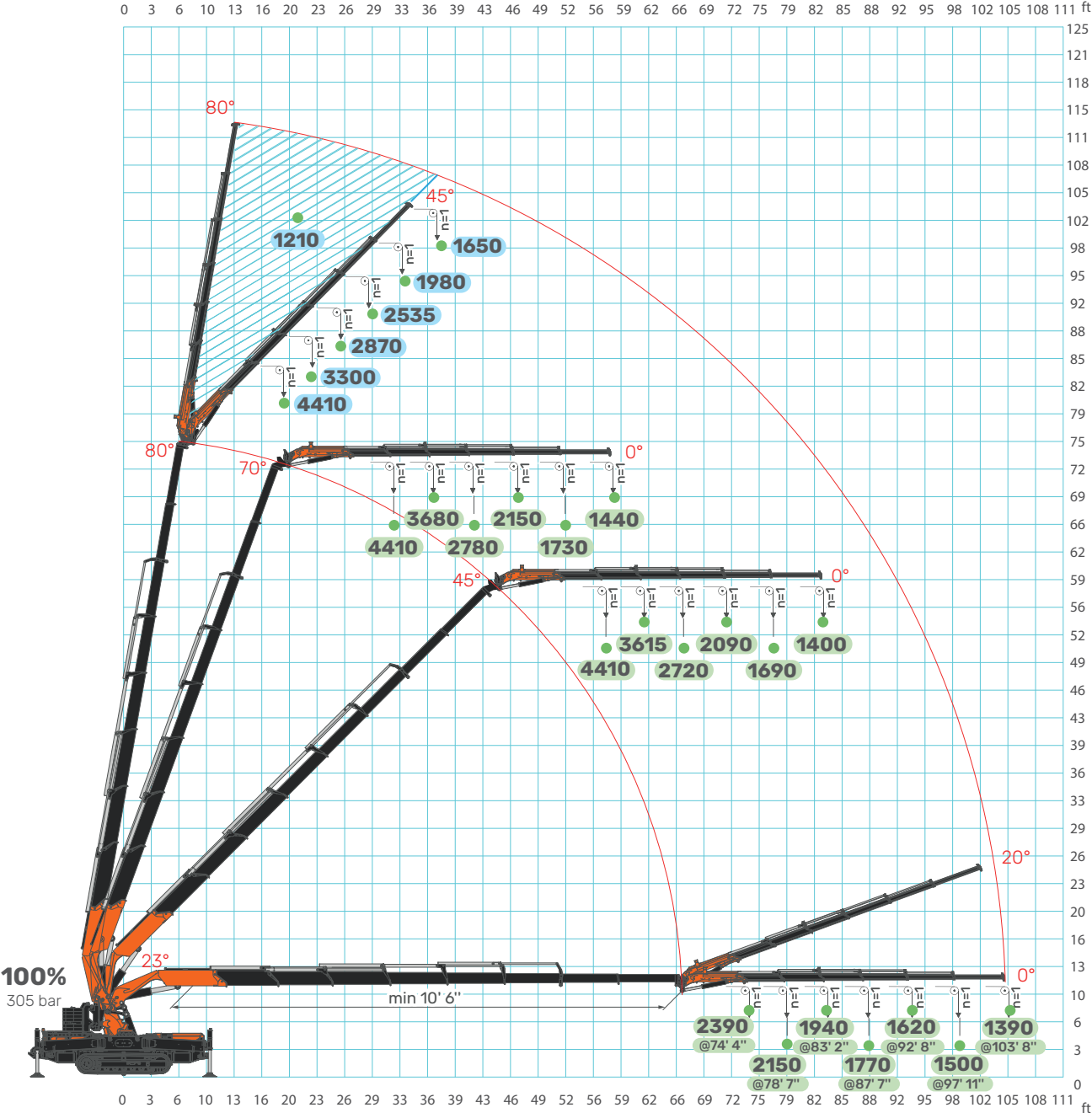
[ft] [lb]



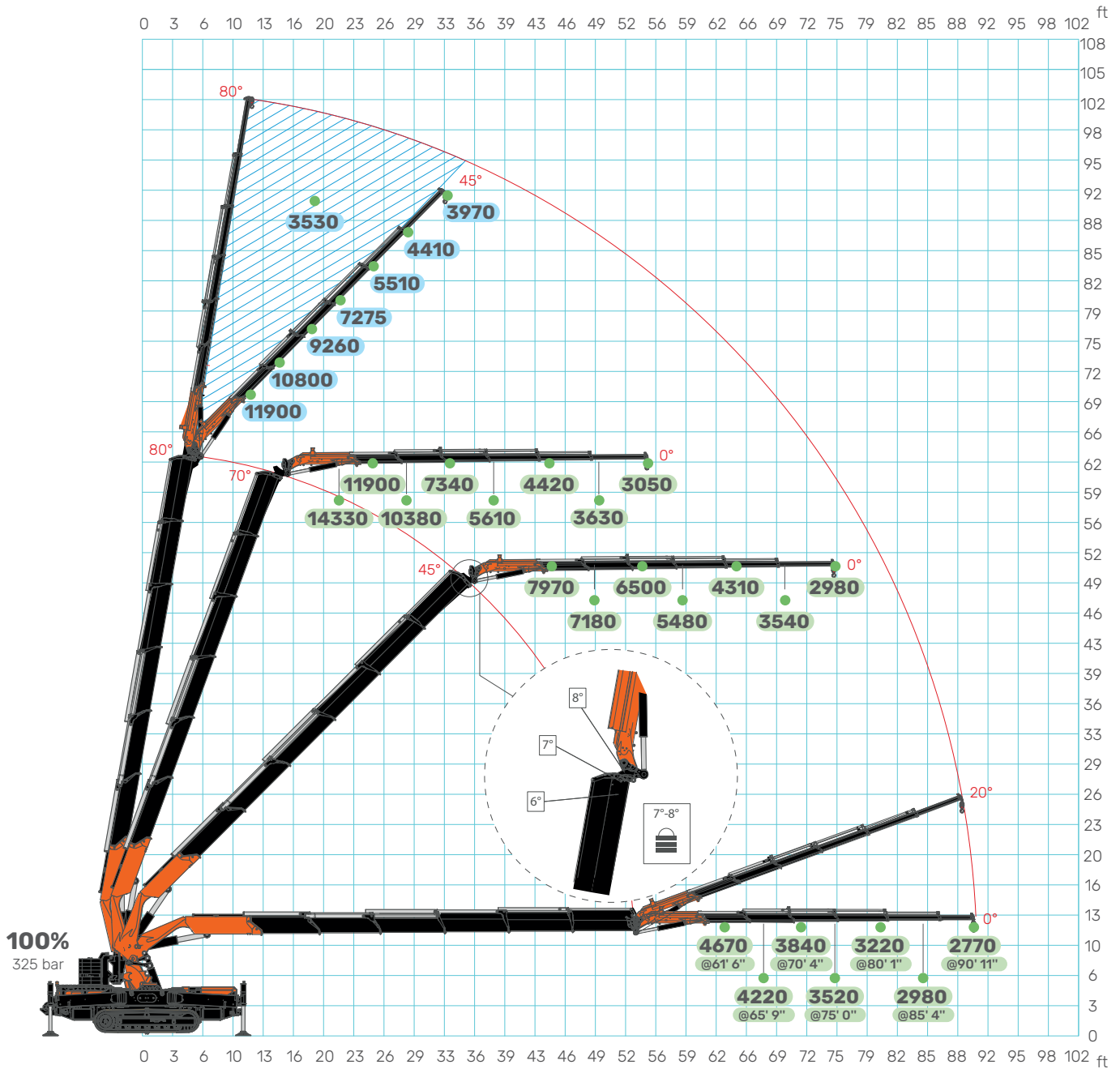
JF1050CDH

JIB6500.6HA load chart

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[ft] [lb]

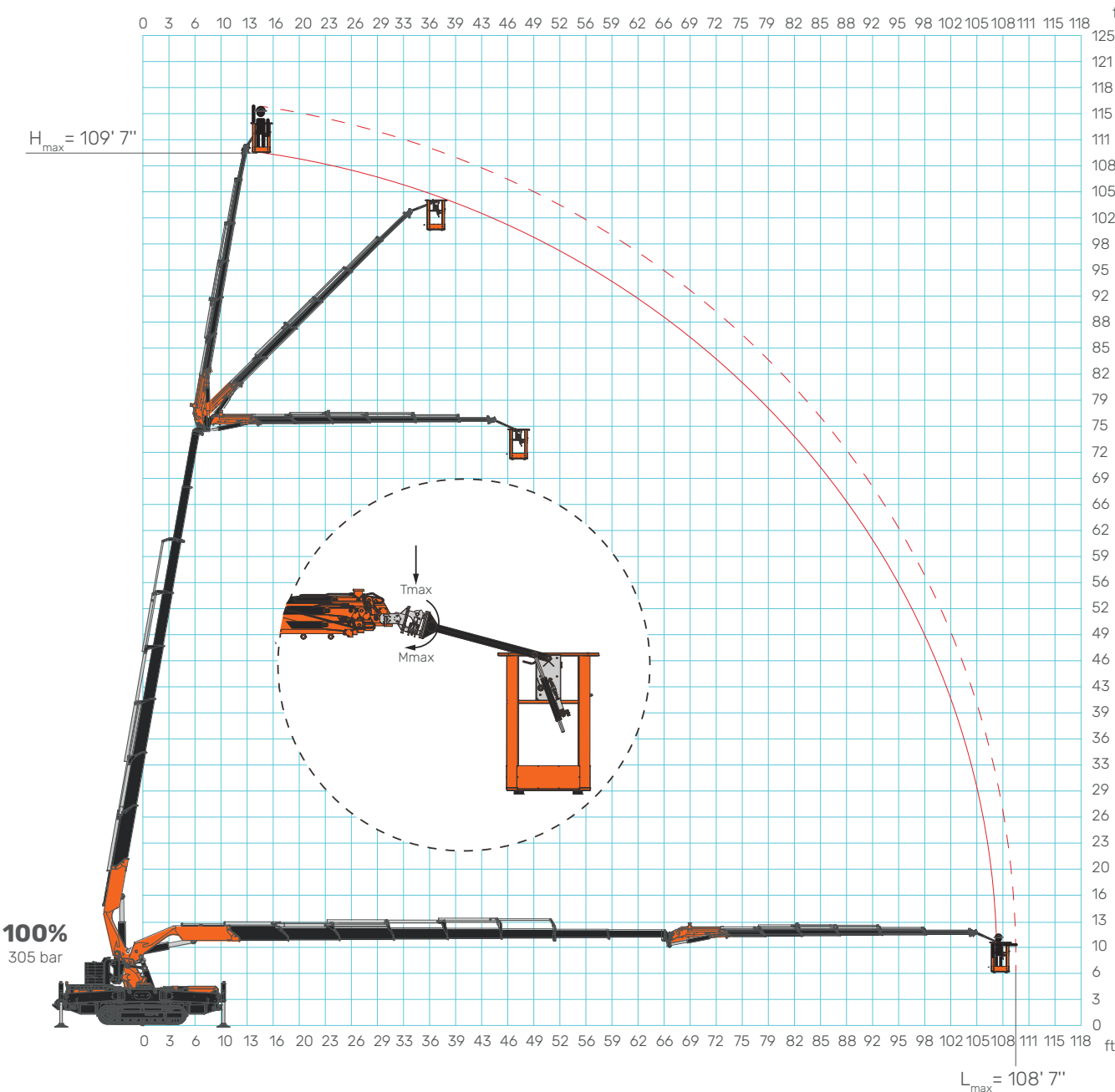


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One-man basket chart

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PLE



PLE



MWP-1PG.JIB6500.6HA

Max Capacity

lb

265

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

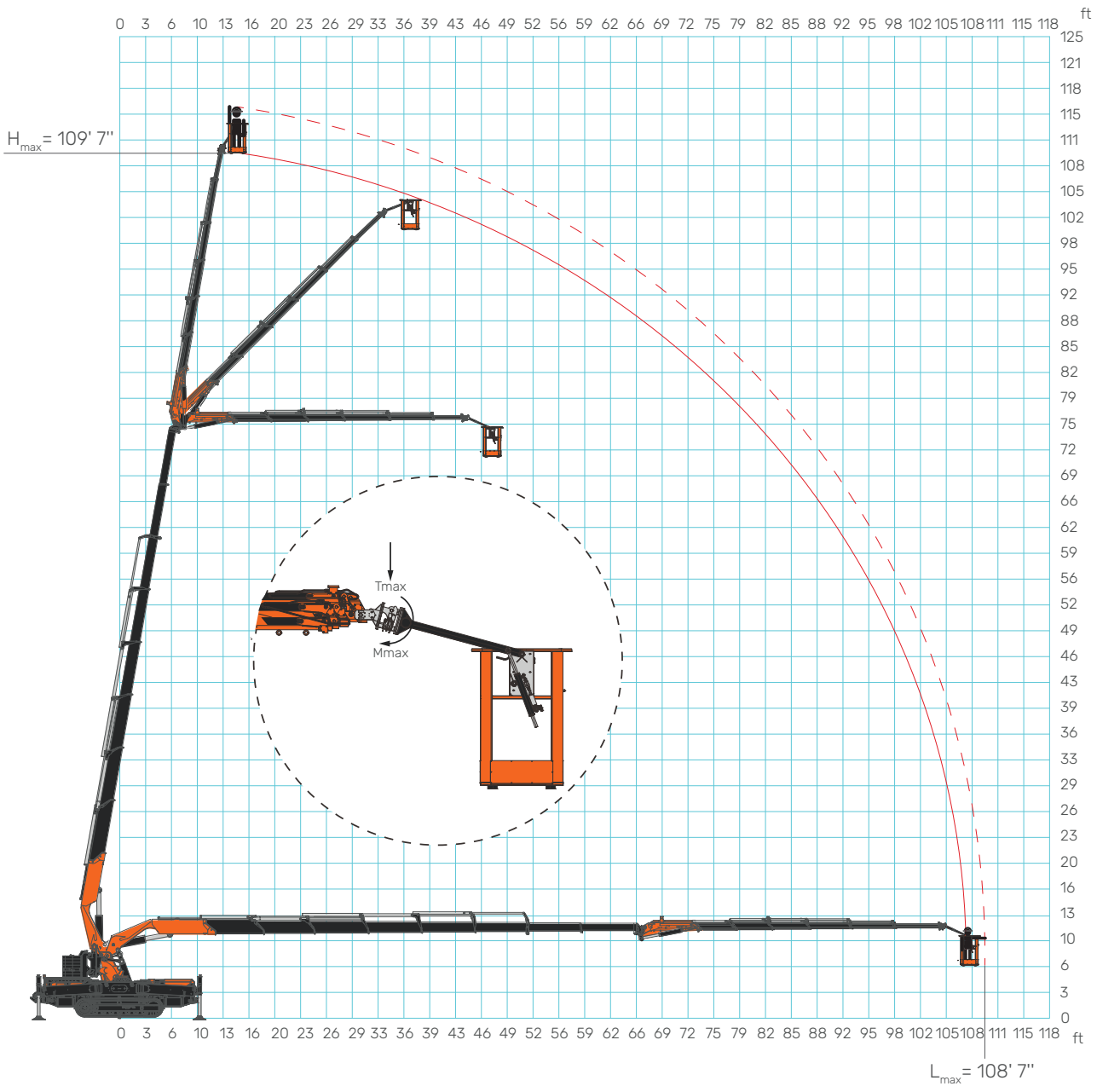
[2]: The maximum reachable distance can be reached by extending the JIB first and then extending the boom.



Two-men basket chart

PLE

11020 lb



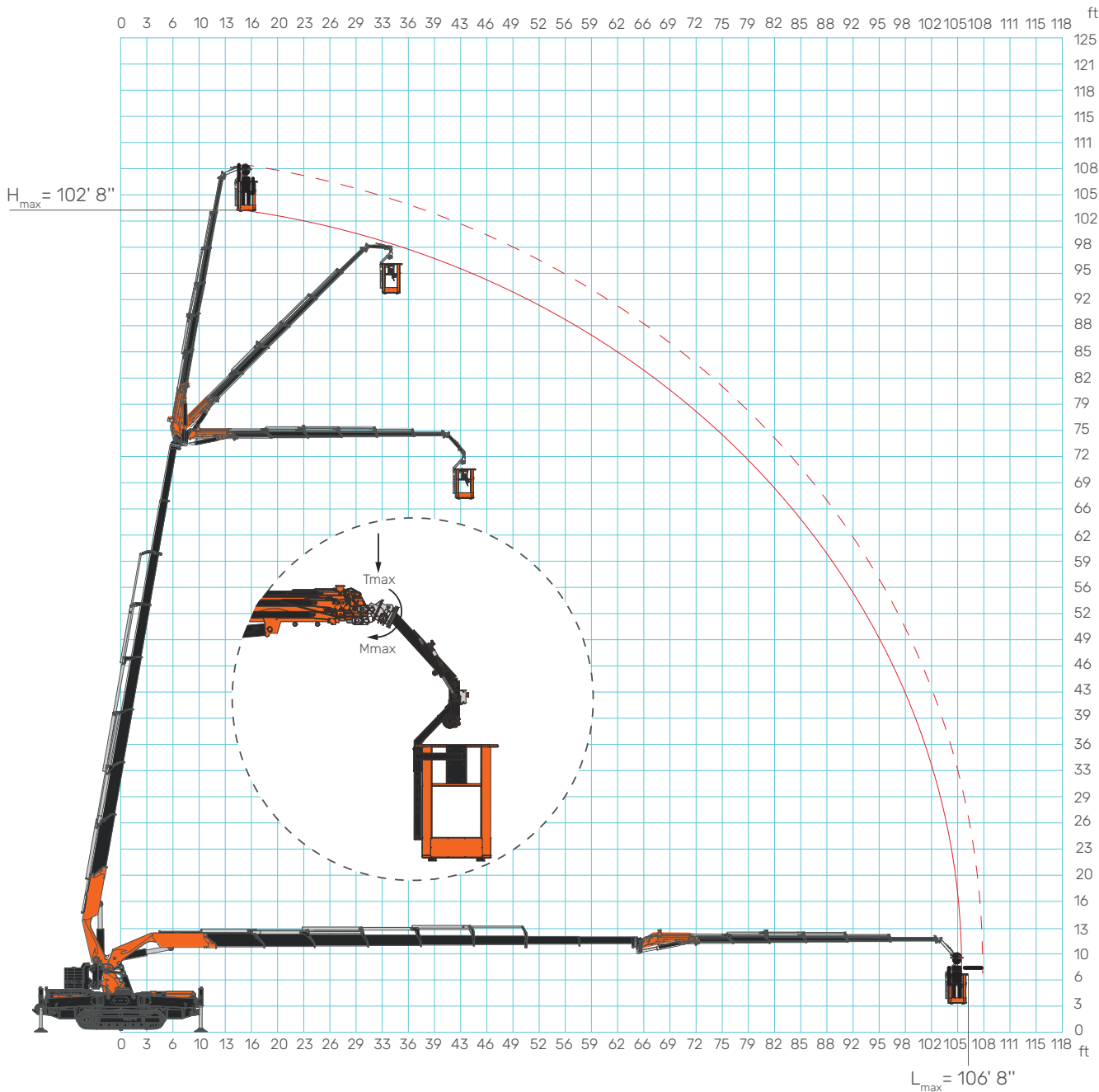
PLE		MWP-2PG.JIB6500.6HA	Max Capacity	lb	440
		MWP-2PG-A.JIB6500.6HA			440
		MWP-2PG-S.JIB6500.6HA			440

[1]: The crane is equipped with LMI. The maximum reachable distance may vary by about 3' 3".
[2]: The maximum reachable distance can be reached by extending the JIB first and then extending the boom.

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Two-men rotating basket chart

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PLE		MWP-2PGR.JIB6500.6HA	Max Capacity	lb	440
		MWP-2PGR-A.JIB6500.6HA			440
		MWP-2PGR-S.JIB6500.6HA			440

[1]: The crane is equipped with LMI. The maximum reachable distance may vary by about 3' 3".
[2]: The maximum reachable distance can be reached by extending the JIB first and then extending the boom.

ACCESSORIES

JIB6500.6HA



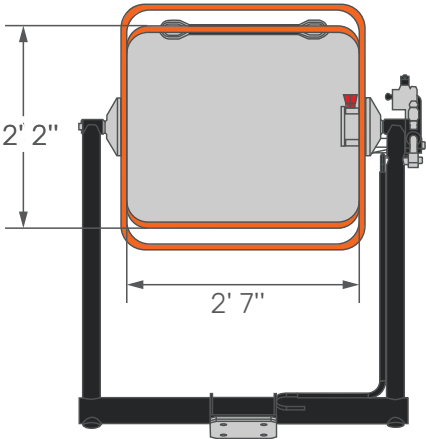
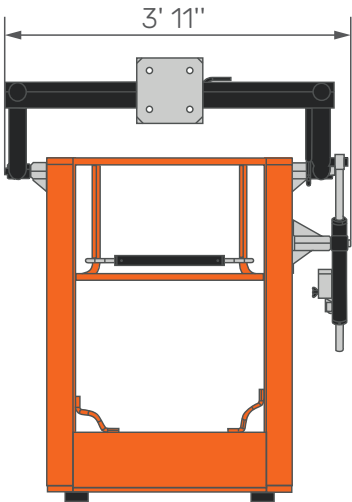
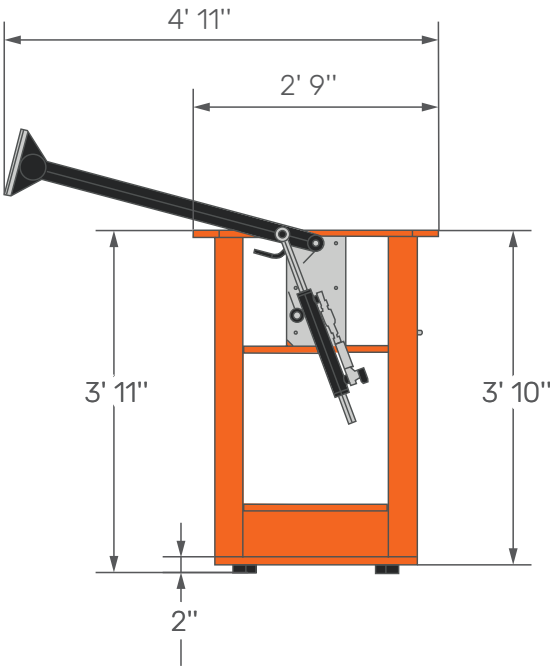
WEIGHT		JIB	JIB6500.6HA	With activation	lb	3,000
				Without activation		2,690

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One-man basket features

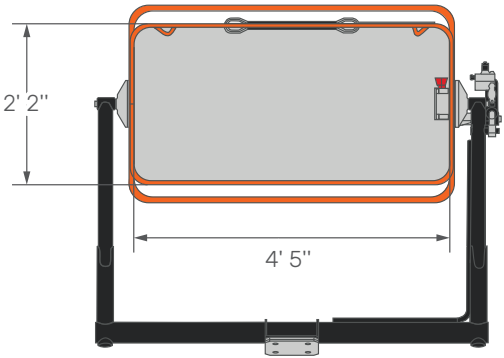
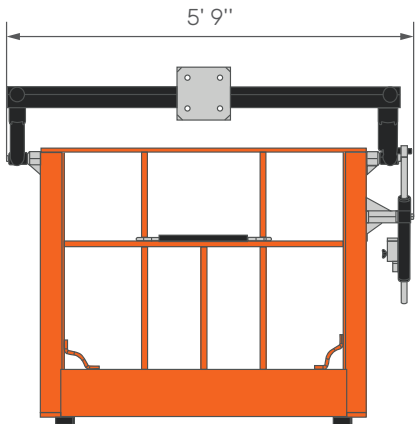
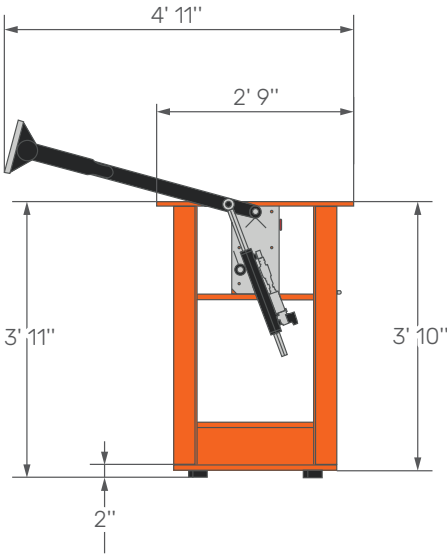
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MWP-1PG.JIB6500.6HA



WEIGHT		PLE	MWP-1PG.JIB6500.6HA	lb	293
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- MWP-2PG.JIB6500.6HA
- MWP-2PG-A.JIB6500.6HA
- MWP-2PG-S.JIB6500.6HA



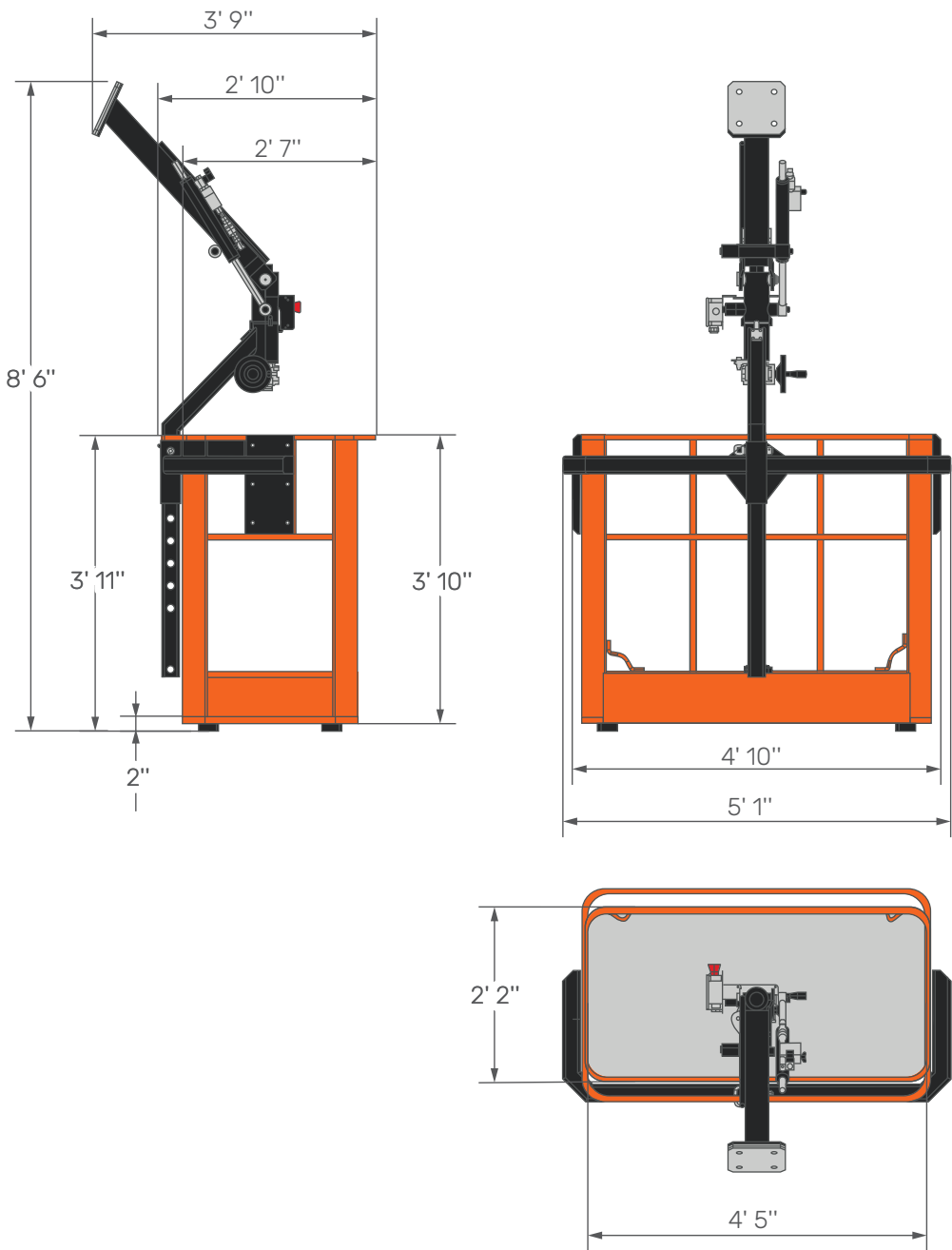
WEIGHT			MWP-2PG.JIB6500.6HA	kg	160
		PLE	MWP-2PG-A.JIB6500.6HA		133
			MWP-2PG-S.JIB6500.6HA		149

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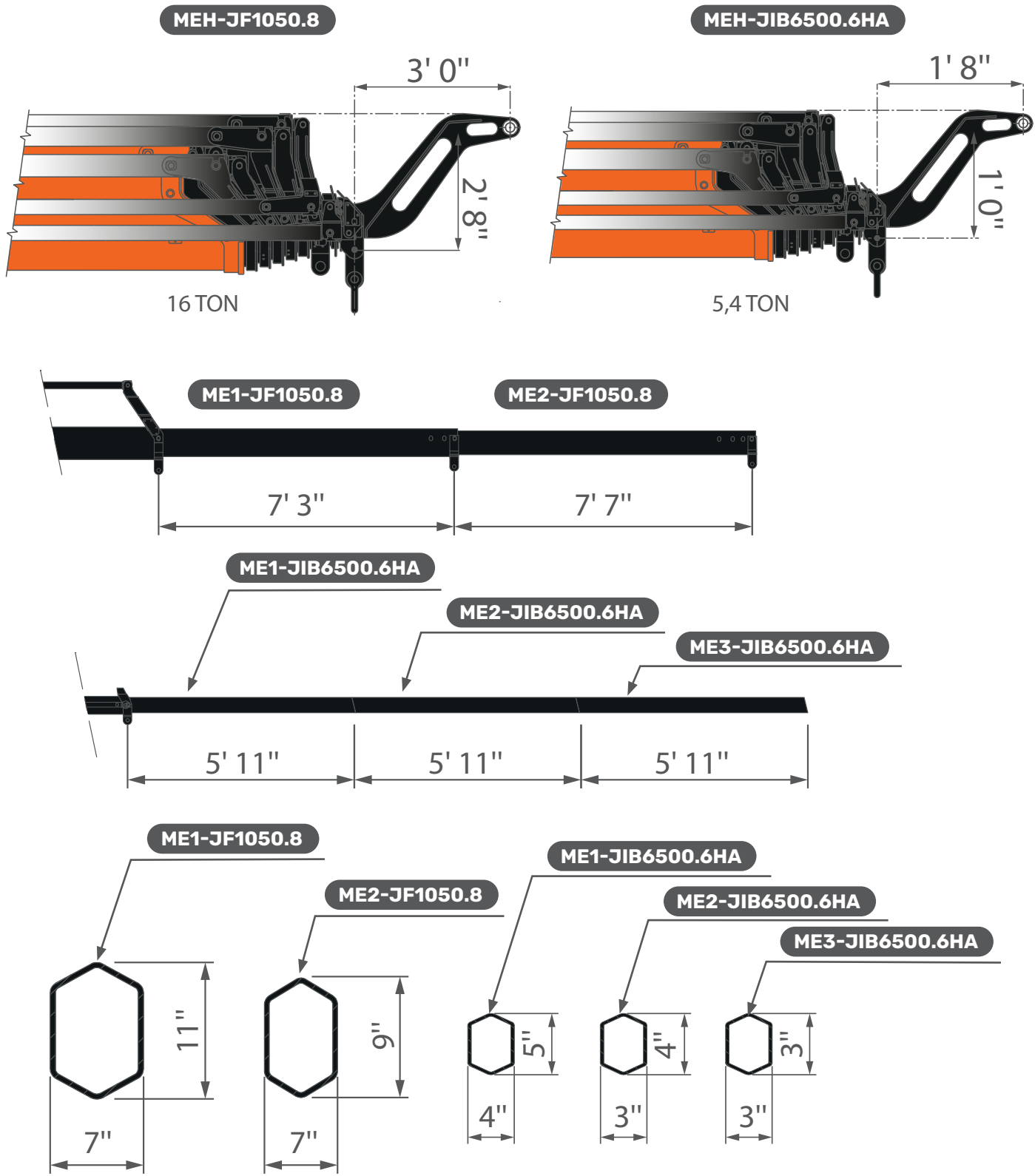
Two-men rotating basket features

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- MWP-2PGR.JIB6500.6HA
- MWP-2PGR-A.JIB6500.6HA
- MWP-2PGR-S.JIB6500.6HA



WEIGHT			MWP-2PGR.JIB6500.6HA	lb	456
		PLE	MWP-2PGR-A.JIB6500.6HA		381
			MWP-2PGR-S.JIB6500.6HA		418



SYMBOLS

	Weight		Outriggers Mats		Main Boom Lifting		Hydraulic System
	Crane		Engine		Boom Length		Electric System
	Travel Speed		Powerpack		Jib		Working Temperature
	Gradeability		Maximum Capacity		Turret Slewing		Hydraulic Activation
	Track Load		Maximum Outriggers Load		Winch		Hook
	Sound Emissions		Maximum Wind Speed in Working Conditions		Hookblock		Manual Extensions
	Low Marking Pads		PLE Activation		PLE		Jib Dual Power

- Load limited by LMI
- Load to be limited by the operator
- Load to be verified and limited by the operator
- * Max. moment

LOAD CHARTS REMARKS

- HC1 HD4 S2 lifting class, according to EN12999:2020 standard.
- Load capacities are given in pounds.
- Hookblocks and hooks weight is part of the load, hence it shall be deducted from the capacity values.
- The working radius is measured form the turret slewing centre.
- The supplied Technical Data is part of the Use & Maintenance Manual.
- Features and specifications may change without prior advice.
- All indicated data are for informational purposes only and are not binding as the crane performs differently depending on its use.



Jekko s.r.l.

Via Galileo Galilei, 6/8 – 31010 Godega di Sant’Urbano (TV) – Italy
info@jekko.it – www.jekko-cranes.com

SERIAL NUMBER:



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