



Technical Data

Specifications & Capacities

JF545.2 CDH

Translation of the original instructions

[ft] [lb]

08.09.2026 | REV0.3



EN 12999:2020

INDEX

Index 2

Crane configuration 3

Overall dimensions 4

Overall informations..... 5

Winch rope maximum reach..... 9

Stability areas 10

Outriggers..... 11

Tipping line – Load chart selection 12

Pressure charts 13

Main boom diagram 15

JIB3000.6HA diagram..... 20

One-men basket diagram 25

Two-man basket diagram – Jib 26

Two-men rotation basket diagram – Jib 27

Two-men basket diagram – Main boom 28

Two-men rotating basket diagram – Main boom 29

JIB6500.6HA features..... 30

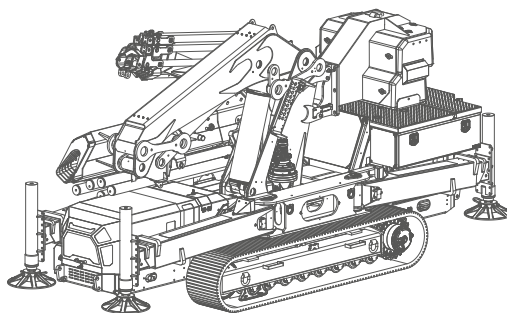
One-man basket features 31

Two-men basket features 32

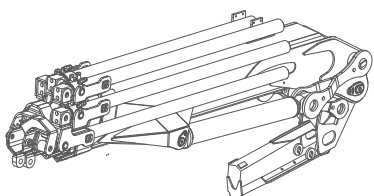
Two-men rotating basket features 33

Symbols 36

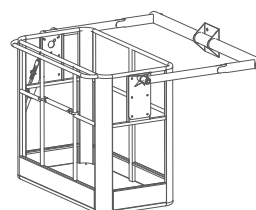
CRANE CONFIGURATION



JF545.2 CDH



JIB3000.6HA



PLE

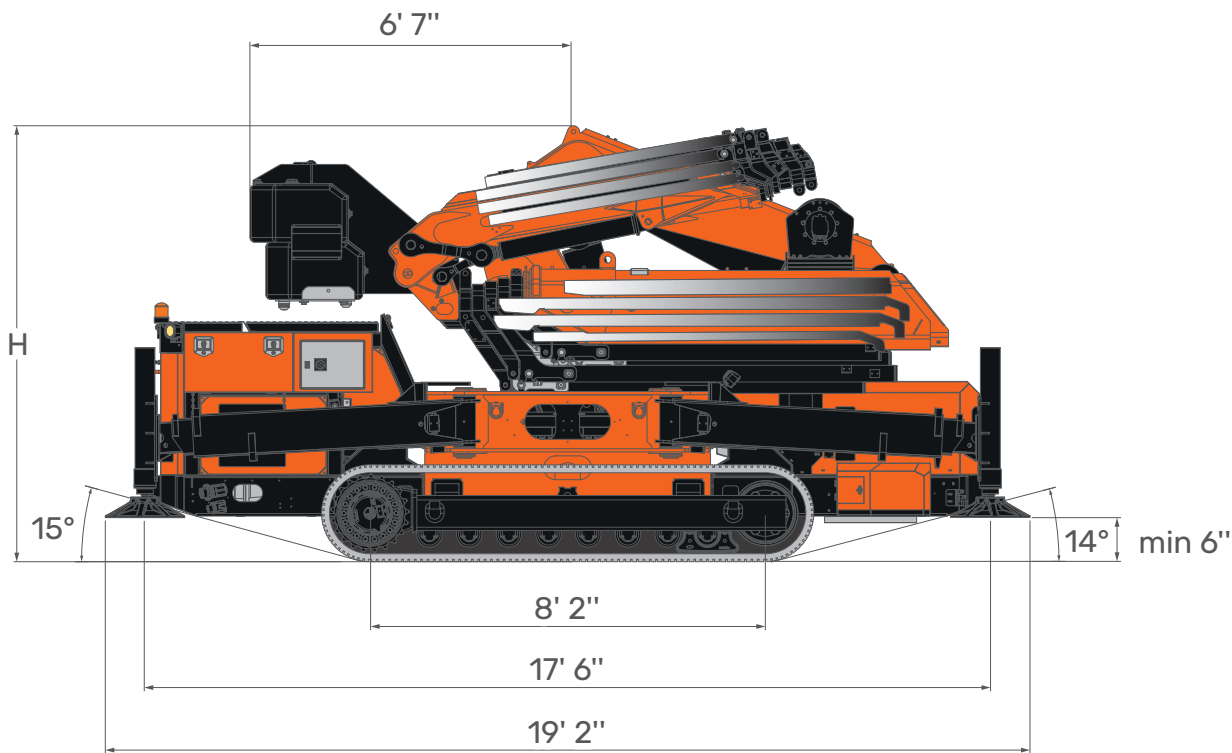


JF545.2 CDH

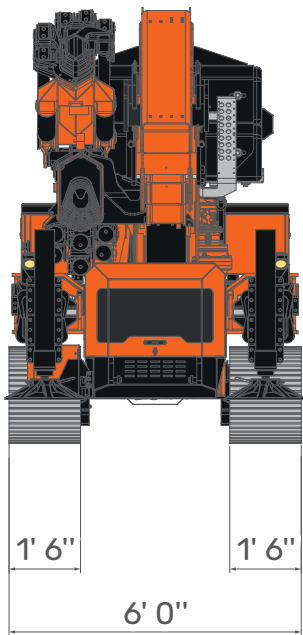
Overall dimensions

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OVERALL DIMENSIONS



I	with V20 winch	9' 3"
	with V30 winch	9' 6"



OVERALL INFORMATION

CRANE INFO

	DESCRIPTION	U.M.	VALUE
	OVERALL DIMENSIONS	ft	Height
			9' 3"
			Length
		ft	19' 2"
			Width
			6' 0"
	BOOM	ft	Length
			15' 5"/53' 6"
		s	Speed
			50 ^[1] (15' 5"/53' 6")
	SLEWING	°	Angle
			360°
		rpm	Speed
			0.67
	LIFTING	°	Working Angle
			0°/80°
		s	Speed
			37 (0°/80°)
MAX CAPACITY		lb	34,200
MAX OUTRIGGERS MAX LOAD		daN	11,035 ^[2]
TRACK LOAD (STANDARD CONFIGURATION)		lb/in ²	12.1
	TRAVEL SPEED	mph	Slow
			0.6
		mph	Fast
			1.4
MAX GRADEABILITY (CLOSED TRACKS)		°	15° (27%)
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

JF545.2 CDH

Overall informations

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WEIGHT



CRANE	With activation	lb	30,270 ^{[1][2]}
COUNTERWEIGHT		lb	7,720

HOOKBLOCKS



HOOKBLOCK	Single Fall	lb	103
	Double Fall		128
	Triple Fall		-
	Jib Single Fall		163

ACCESSORIES



JIB	JIB3000.6HA	With activation	lb	2,780
		Without activation		2,510
WINCH	W2000-JFM		lb	440
	W3000-JFM-JFX			700
MANUAL EXTENSIONS	ME1-JF545.6		lb	210
	ME2-JF545.6			155
	ME3-JF545.6			100
	MEH-JF545.6			200
	ME1-JIB3000.6HA			80
	MEH-JIB3000.6HA			50
POWERPACK	3-Phase Kit		lb	180
OUTRIGGERS MATS	OM500.1 (x4)		lb	200
LOW MARKING PADS	WTP-V-JFX (x92)		lb	660
PLE	MWP-1PG.JIB3000.6HA		lb	293
	MWP-2PG.JIB3000.6HA / MWP-2PG-JF545.2			350
	MWP-2PG-A.JIB3000.6HA			293
	MWP-2PG-S.JIB3000.6HA			330
	MWP-2PGR.JIB3000.6HA / MWP-2PGR.JF545.2			455
	MWP-2PGR-A.JIB3000.6HA			380
	MWP-2PGR-S.JIB3000.6HA			420
	MWP-2PGR-VE.JIB3000.6HA			410

^[1]: Dry weight

^[2]: Estimated fluids weight = 630 lb

ENGINE



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

POWERPACK



POWER SUPPLY	PP400.13-JFM (CE)	3 PH + N + PE	
	PP480.13-JFM (UL-CSA)	3 PH + PE	

POWERPACK	PP400.13-JFM (CE)	Tension	V	400
		Frequency	Hz	50
		Motor Power	kW	13,5
	PP480.13-JFM (UL-CSA)	Tension	V	480
		Frequency	Hz	60
		Motor Power	kW	13,5

BATTERY CHARGER	PP400.13-JFM (CE)	Charge	V	12
			Ah	25
	PP480.13-JFM (UL-CSA)	Charge	V	12
			Ah	25

HYDRAULIC SYSTEM



MAX WORKING PRESSURE		bar	345
TANK CAPACITY		gal	53
HYDRAULIC SYSTEM CAPACITY		gal	87
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

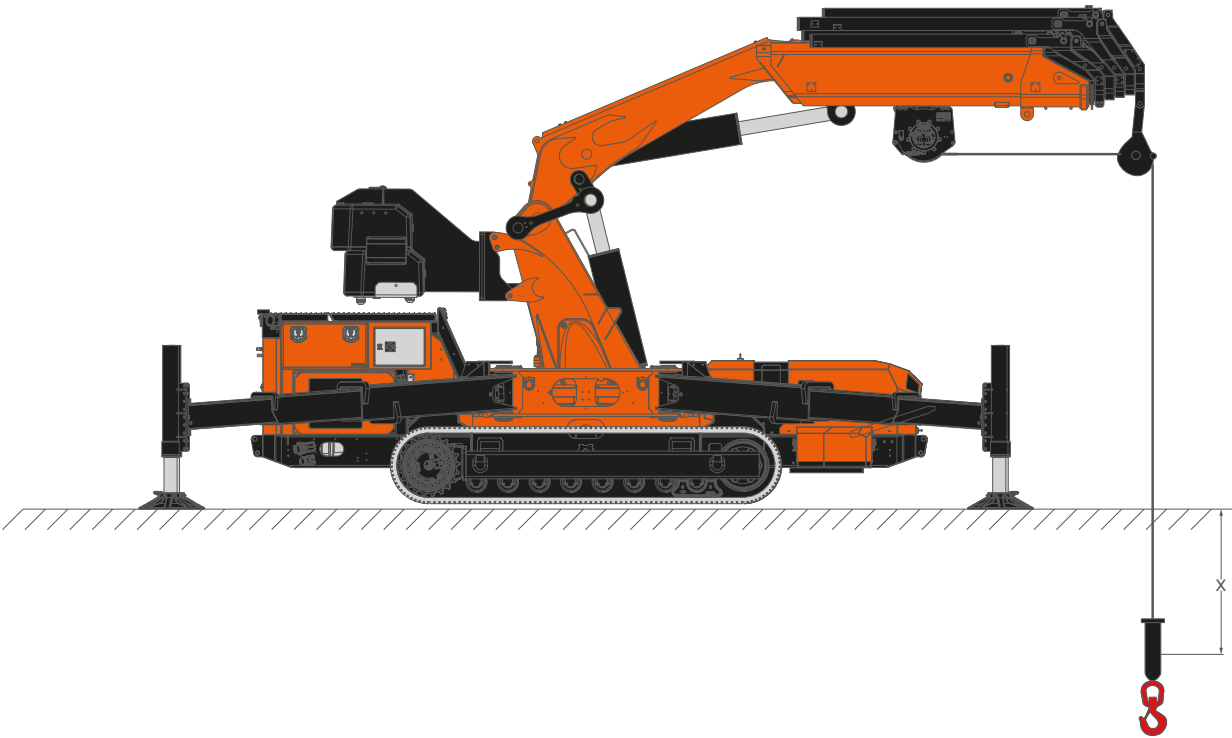
ROPE

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



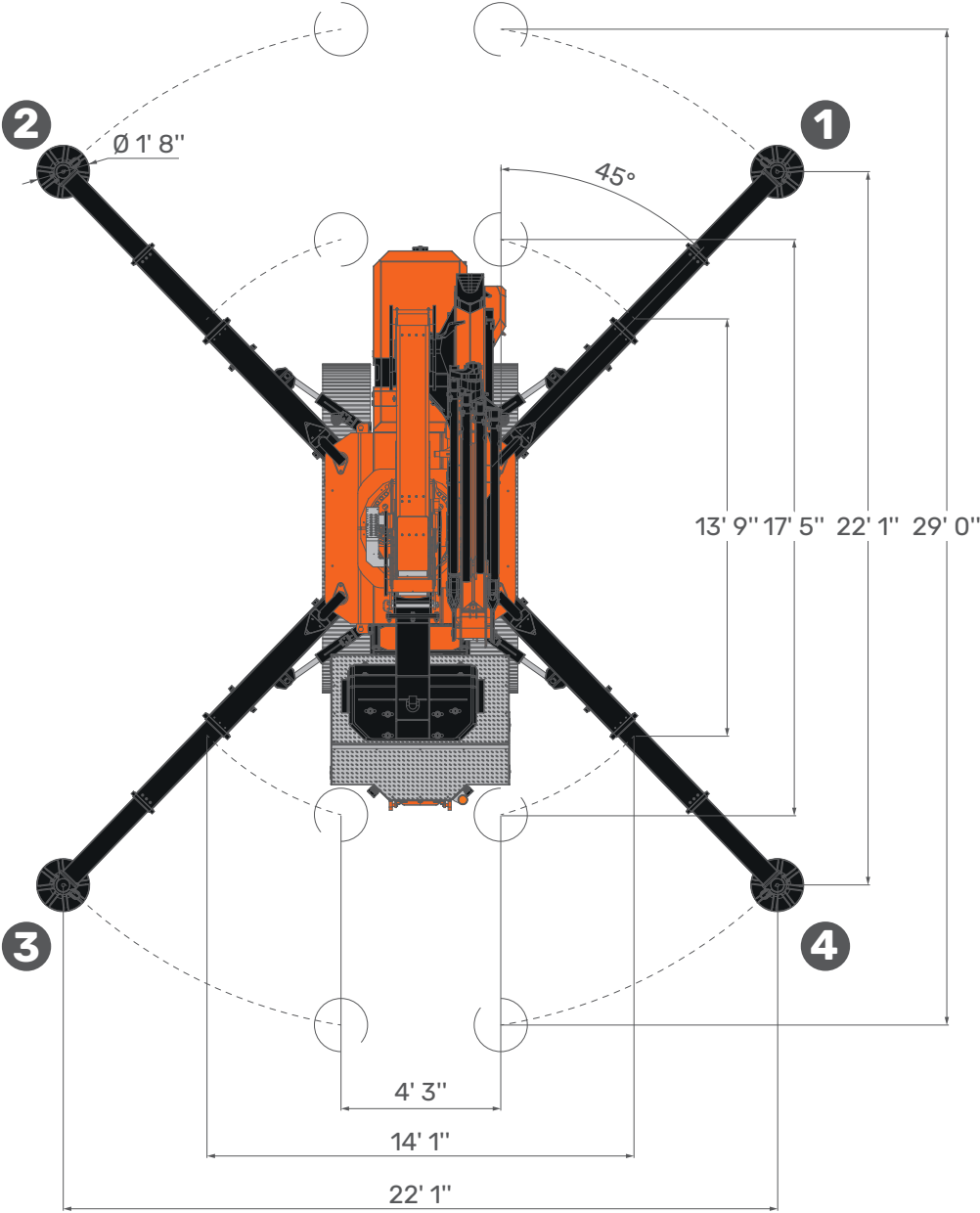
ROPE		W2000-JFM	Parts of Line	1	ft	164' 1"
				3		45' 11"
		W3000-JFM-JFX	Parts of Line	1	ft	164' 1"
				2		75' 6"

JF545.2 CDH

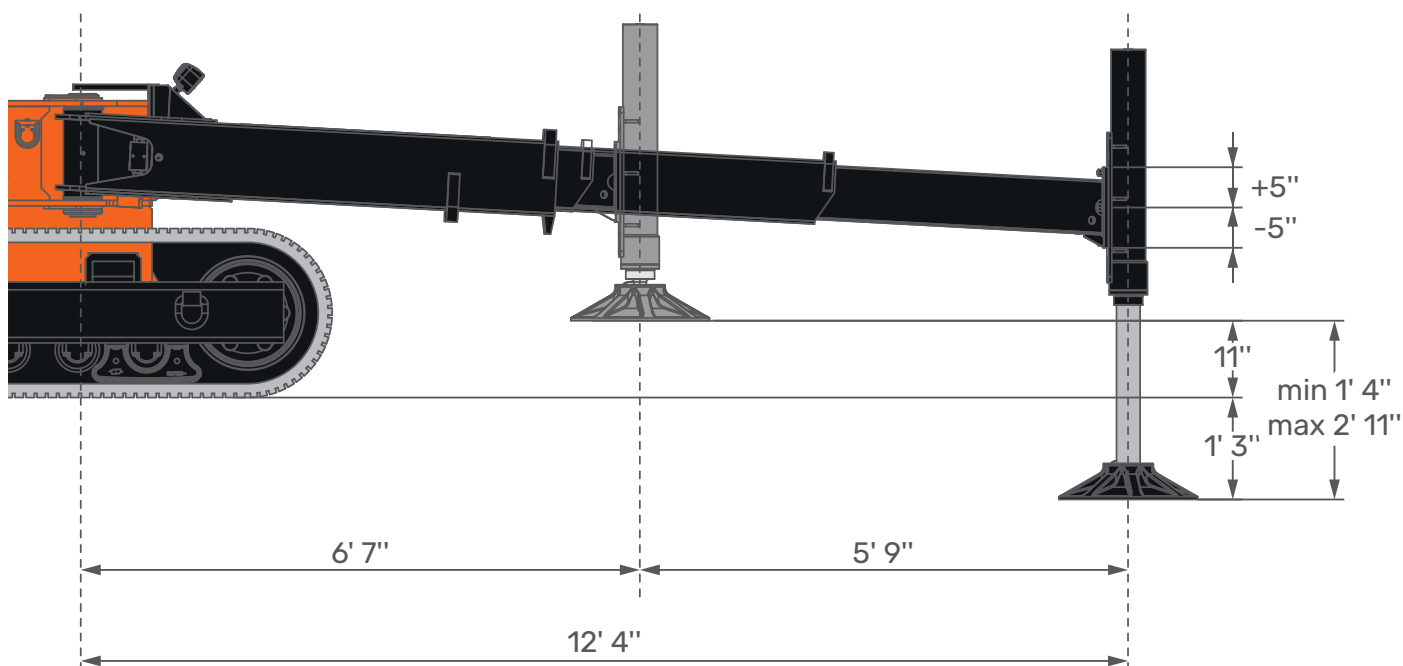
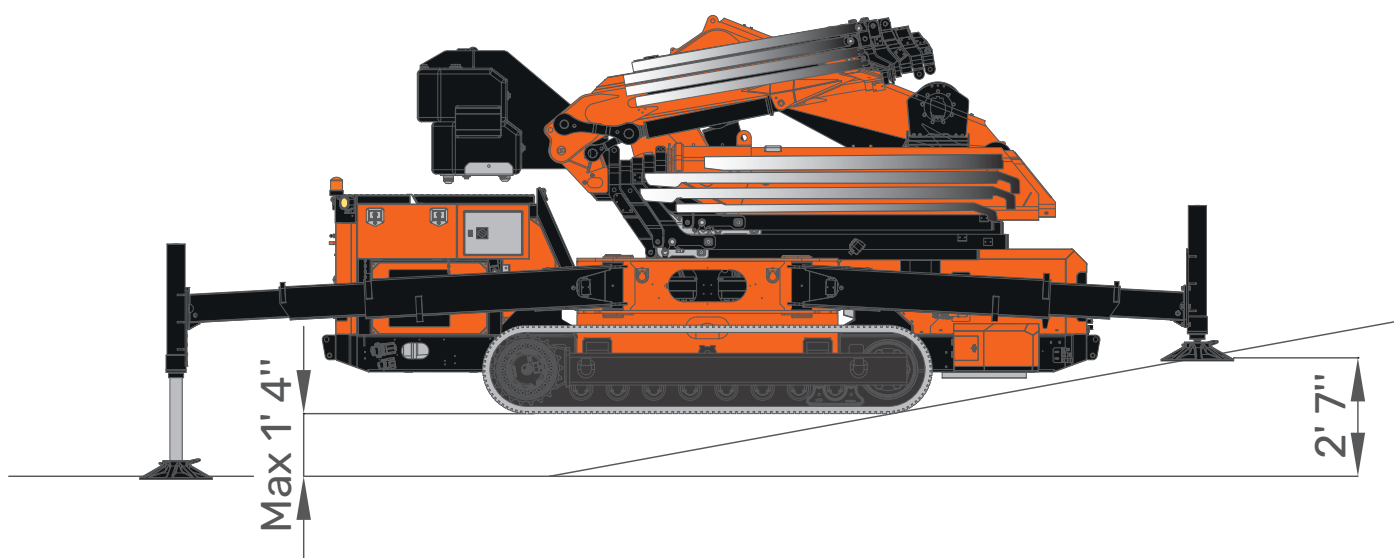
Stability areas

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STABILITY AREAS



OUTRIGGERS

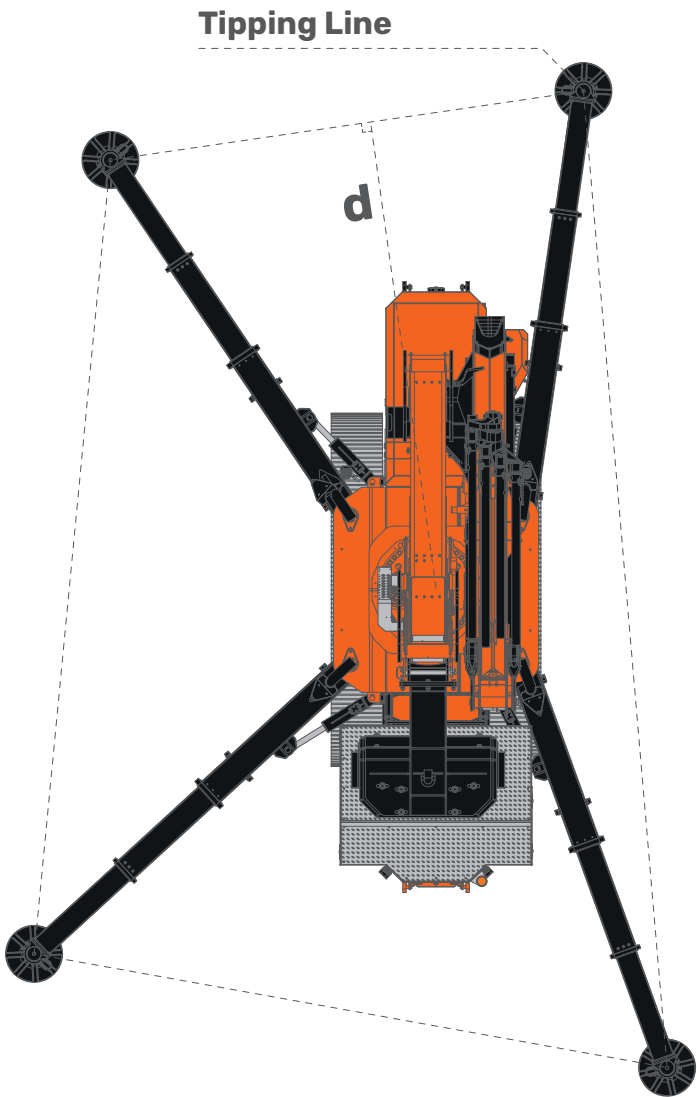


JF545.2 CDH

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Tipping line - Load chart selection

TIPPING LINE

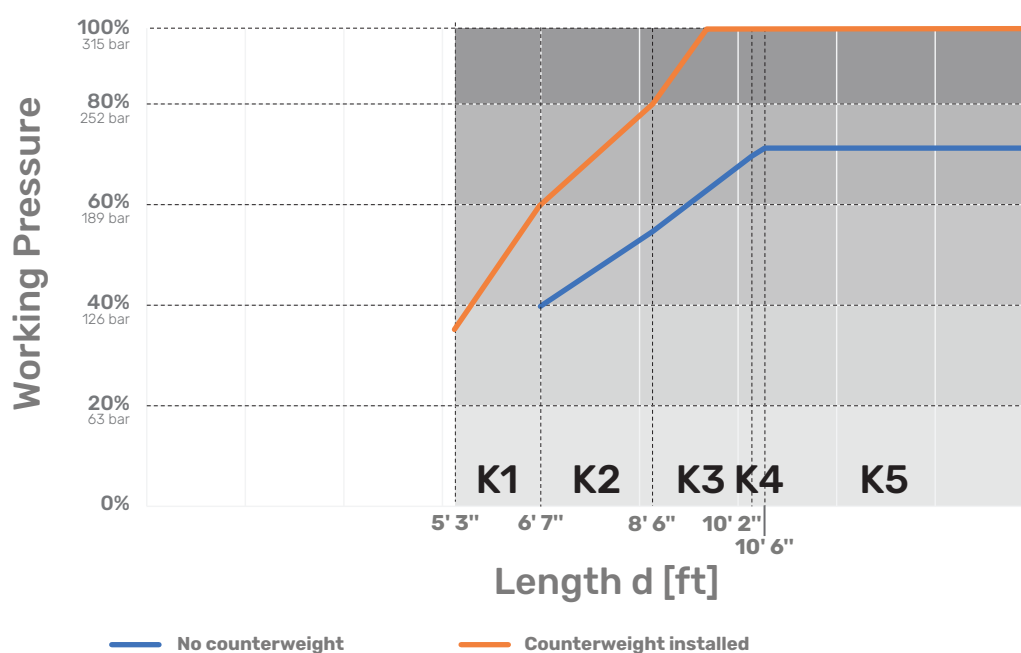
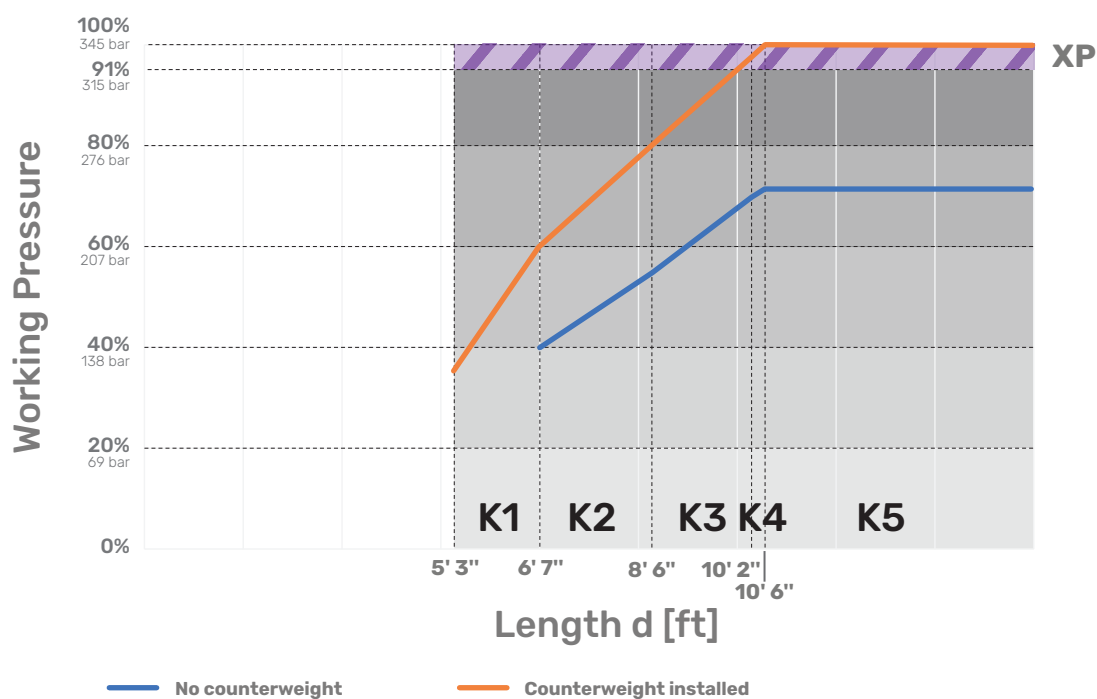


LOAD CHART SELECTION

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"	-

PRESSURE CHARTS

MAIN BOOM

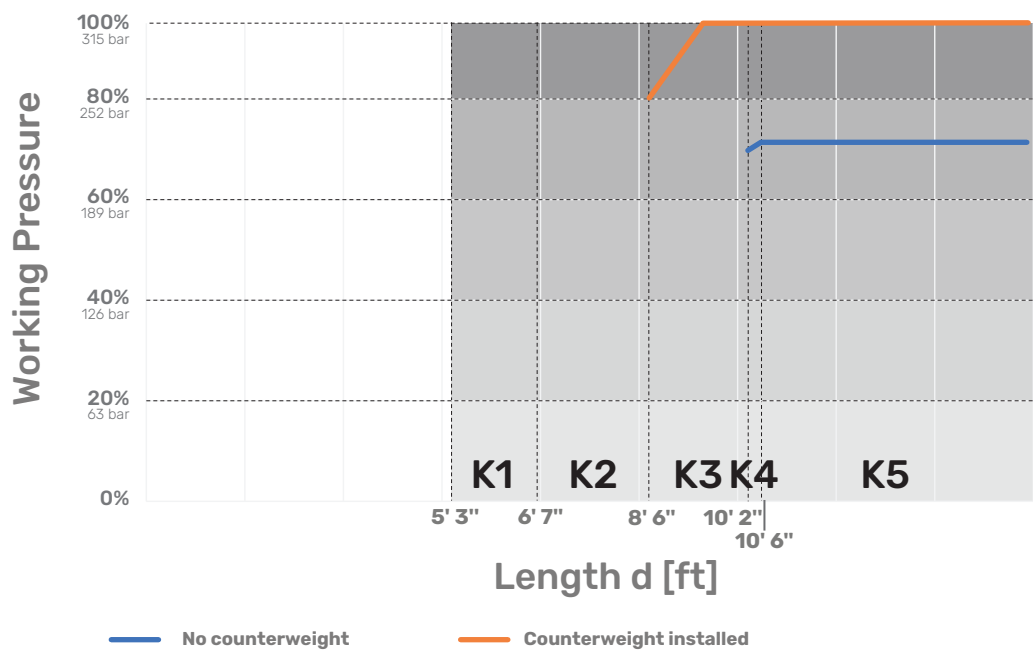
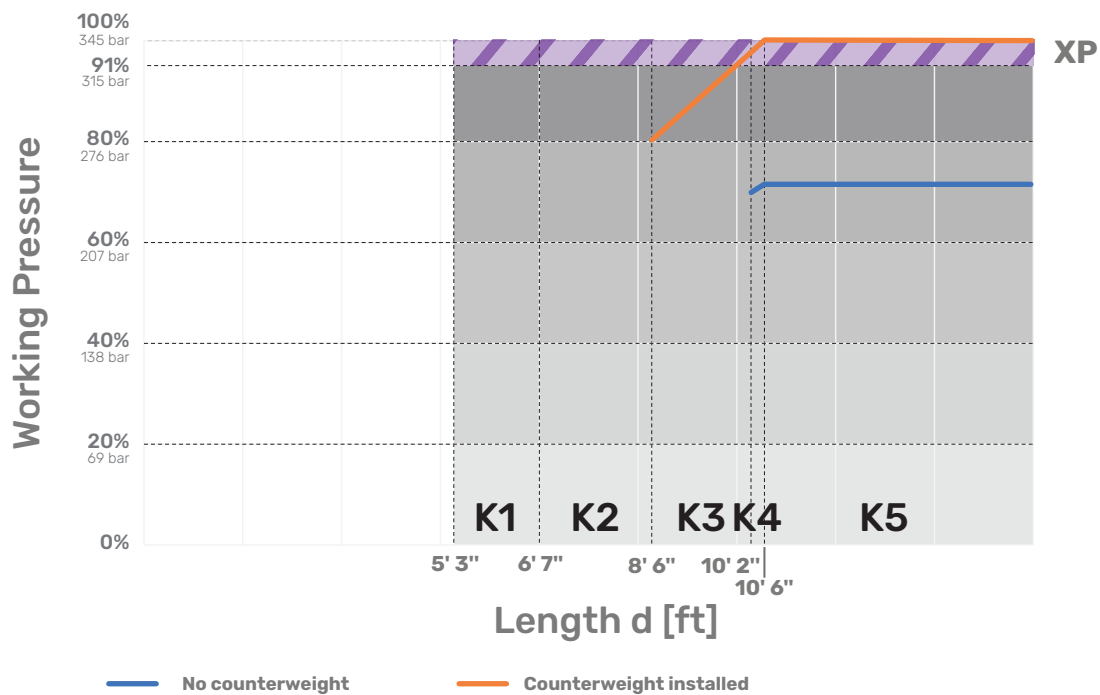


JF545.2 CDH

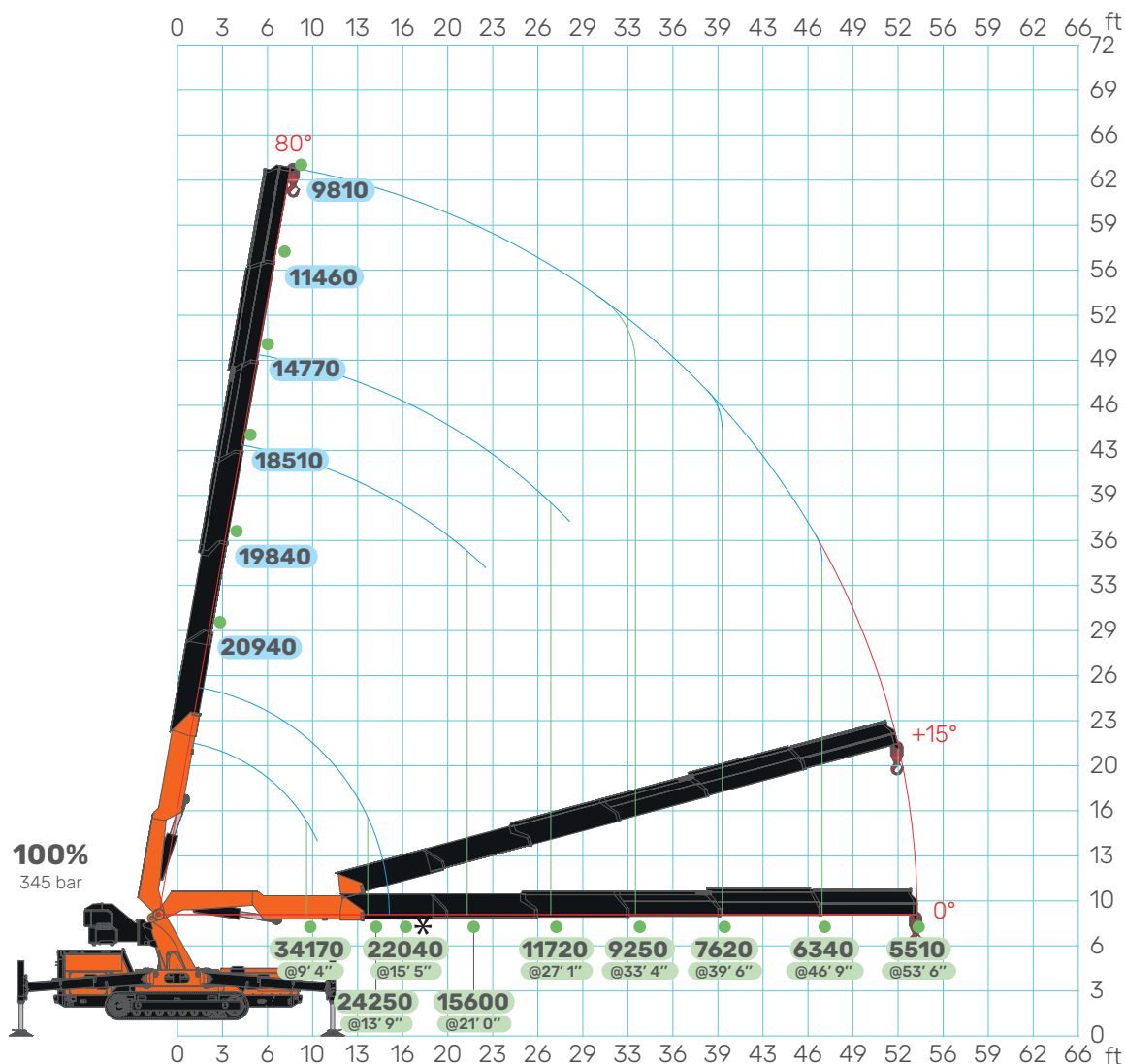
Pressure charts

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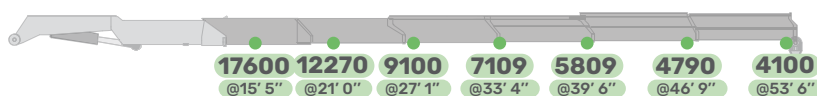
JIB3000.6HA



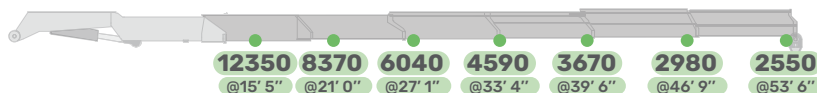
MAIN BOOM



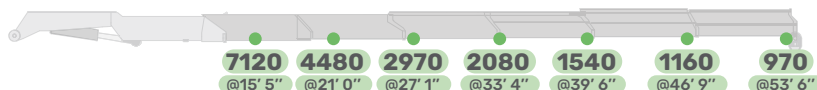
80%
276 bar



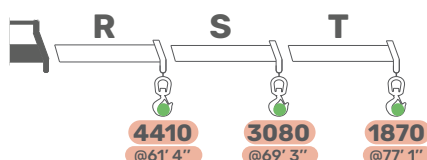
60%
207 bar



40%
138 bar



20%
69 bar

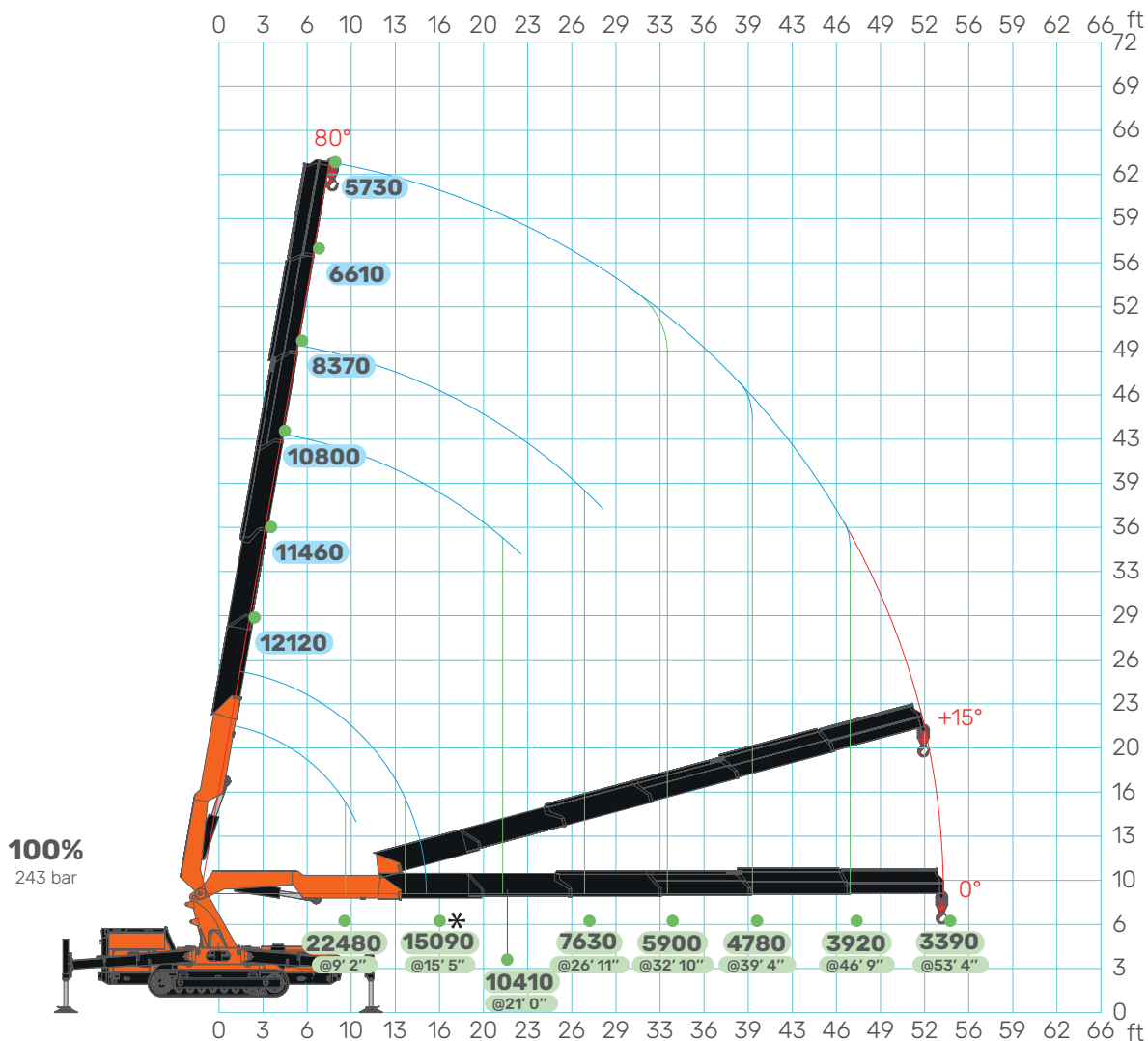


[ft] [lb]

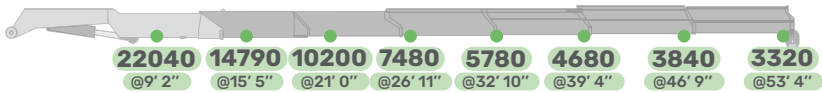
JF545.2 CDH

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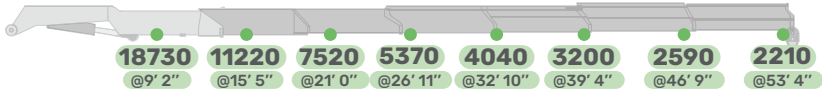
Main boom diagram



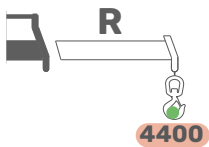
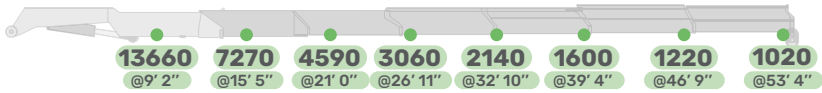
98%
238 bar



80%
192 bar

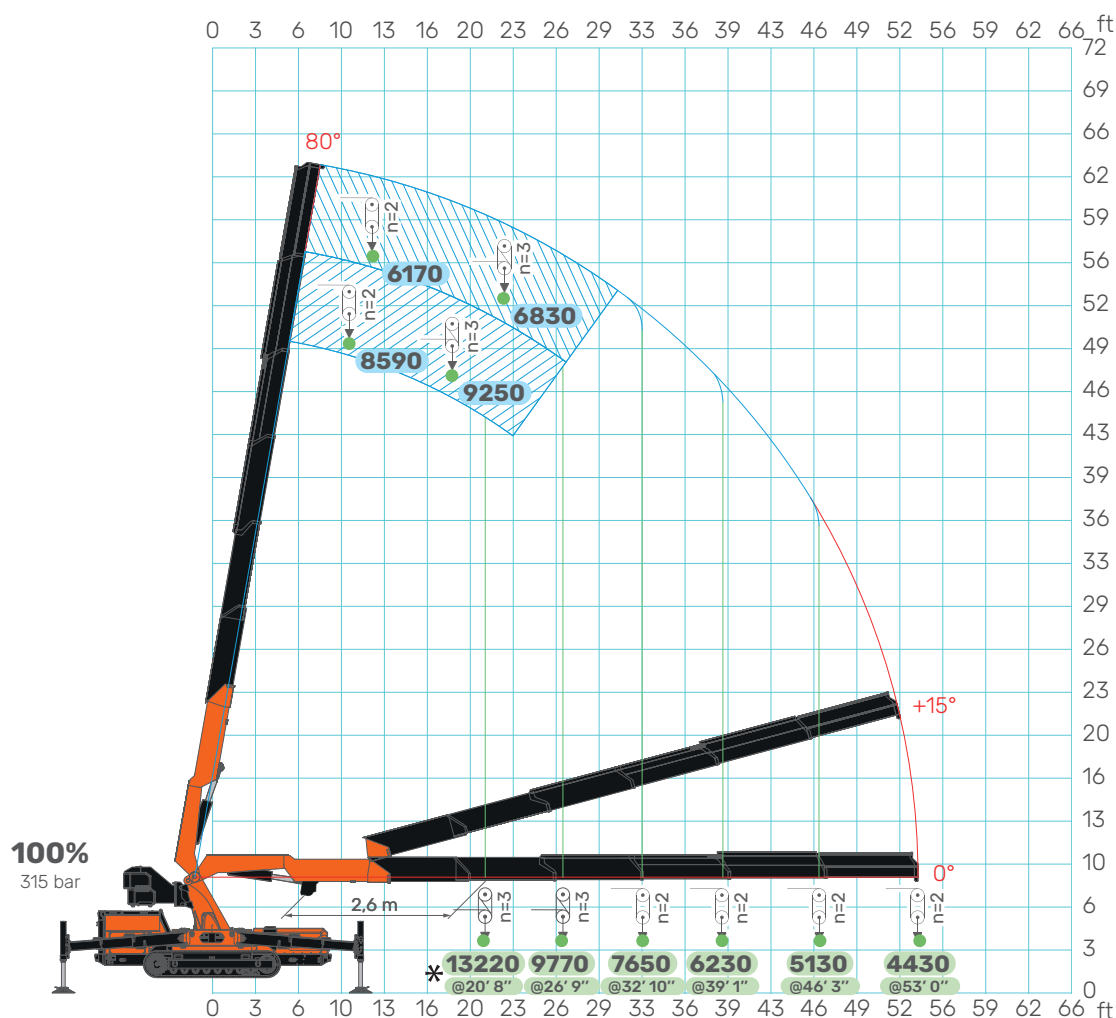


57%
140 bar

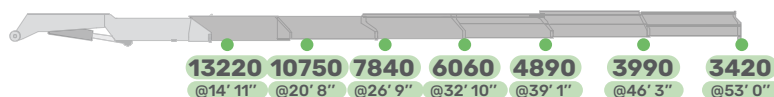


[ft] [lb]

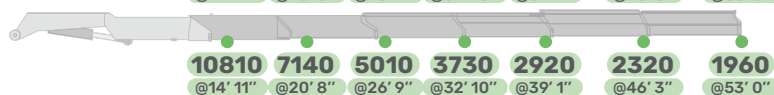
Main boom diagram



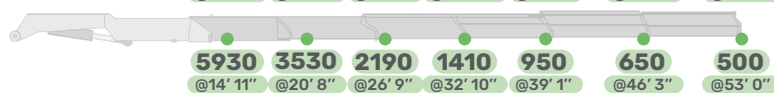
80%
252 bar



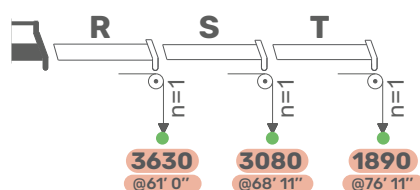
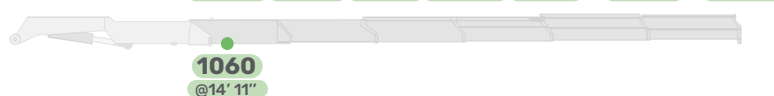
60%
189 bar



40%
126 bar



20%
63 bar

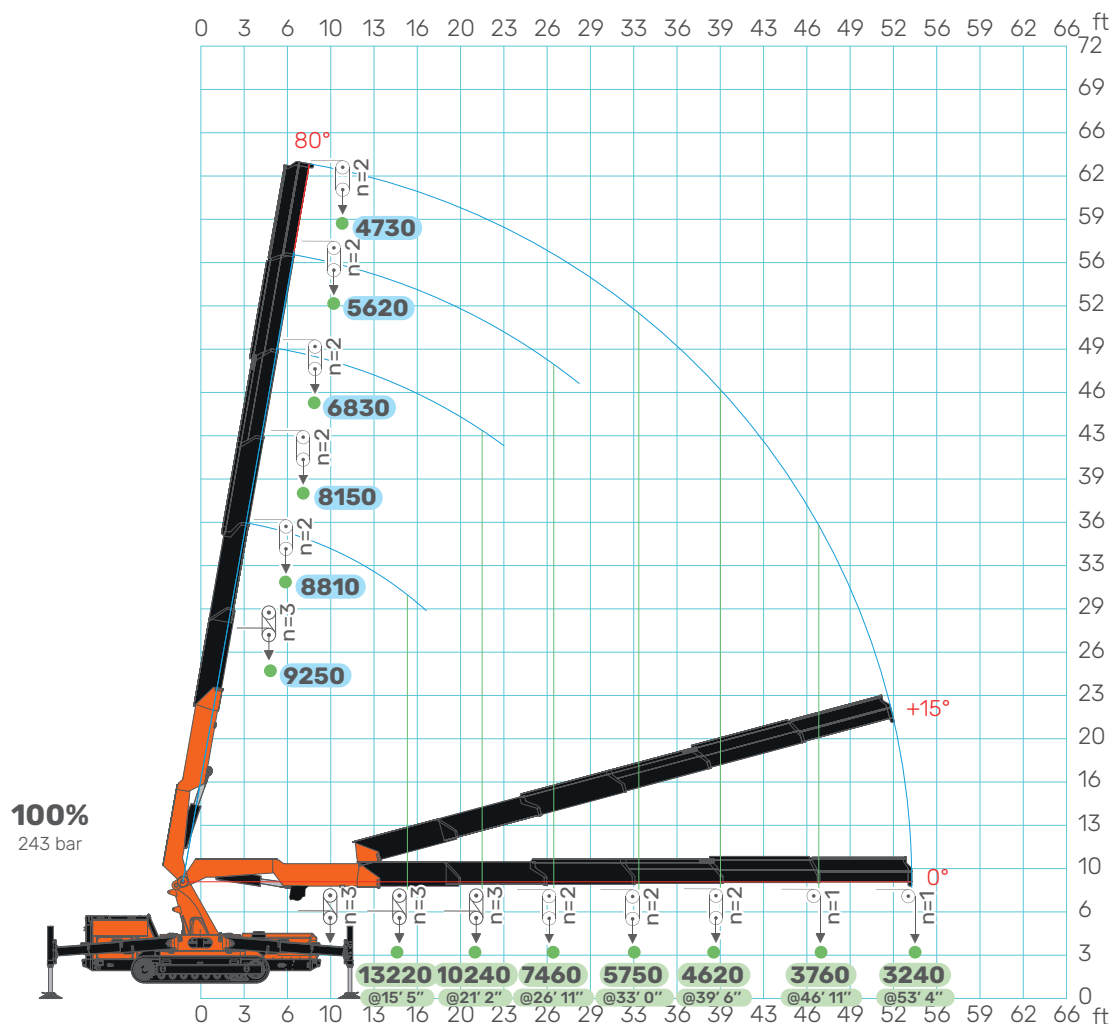


[ft] [lb]

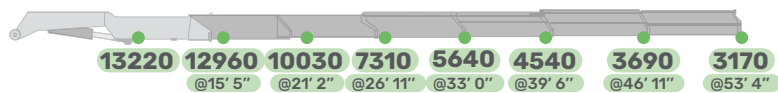
JF545.2 CDH

Main boom diagram

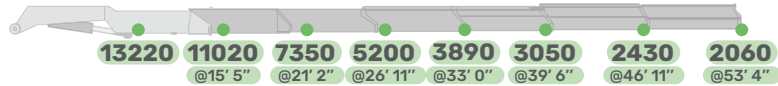
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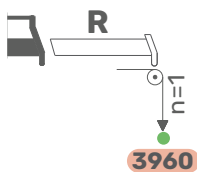
98%
238 bar



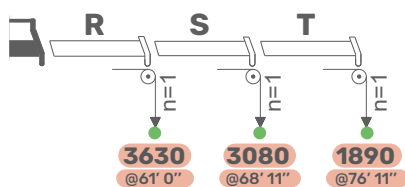
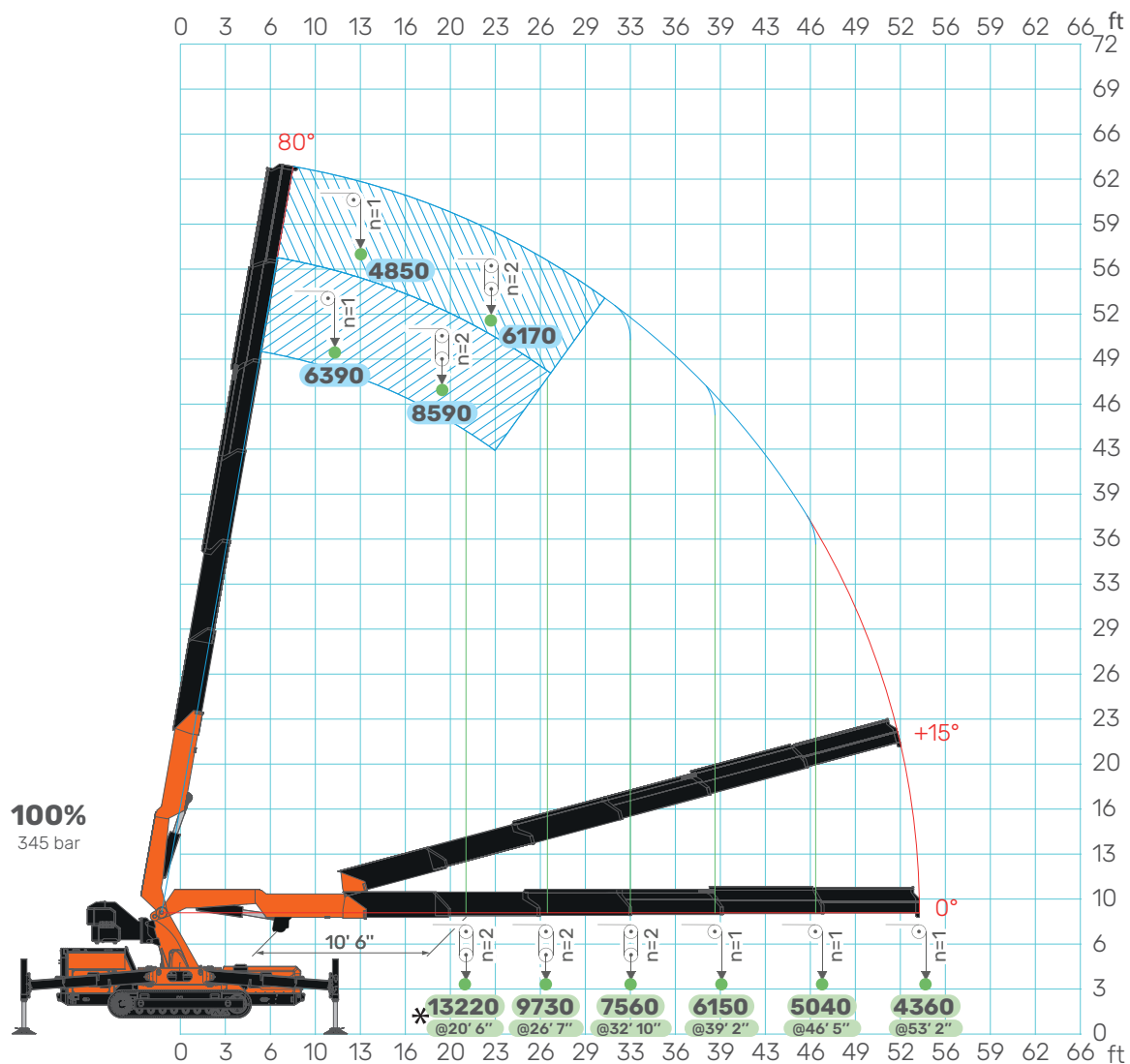
80%
192 bar



57%
140 bar



[ft] [lb]

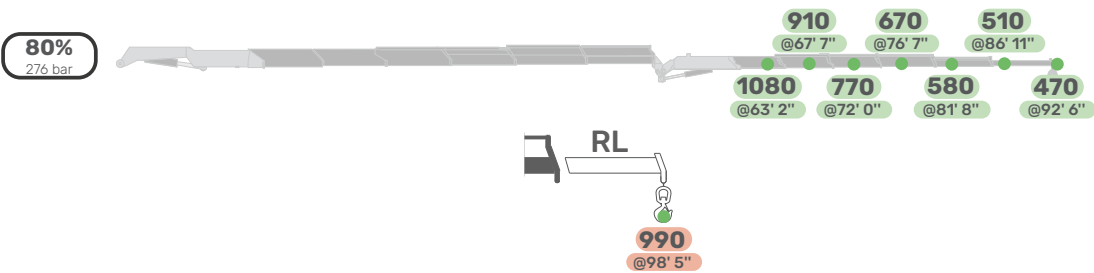
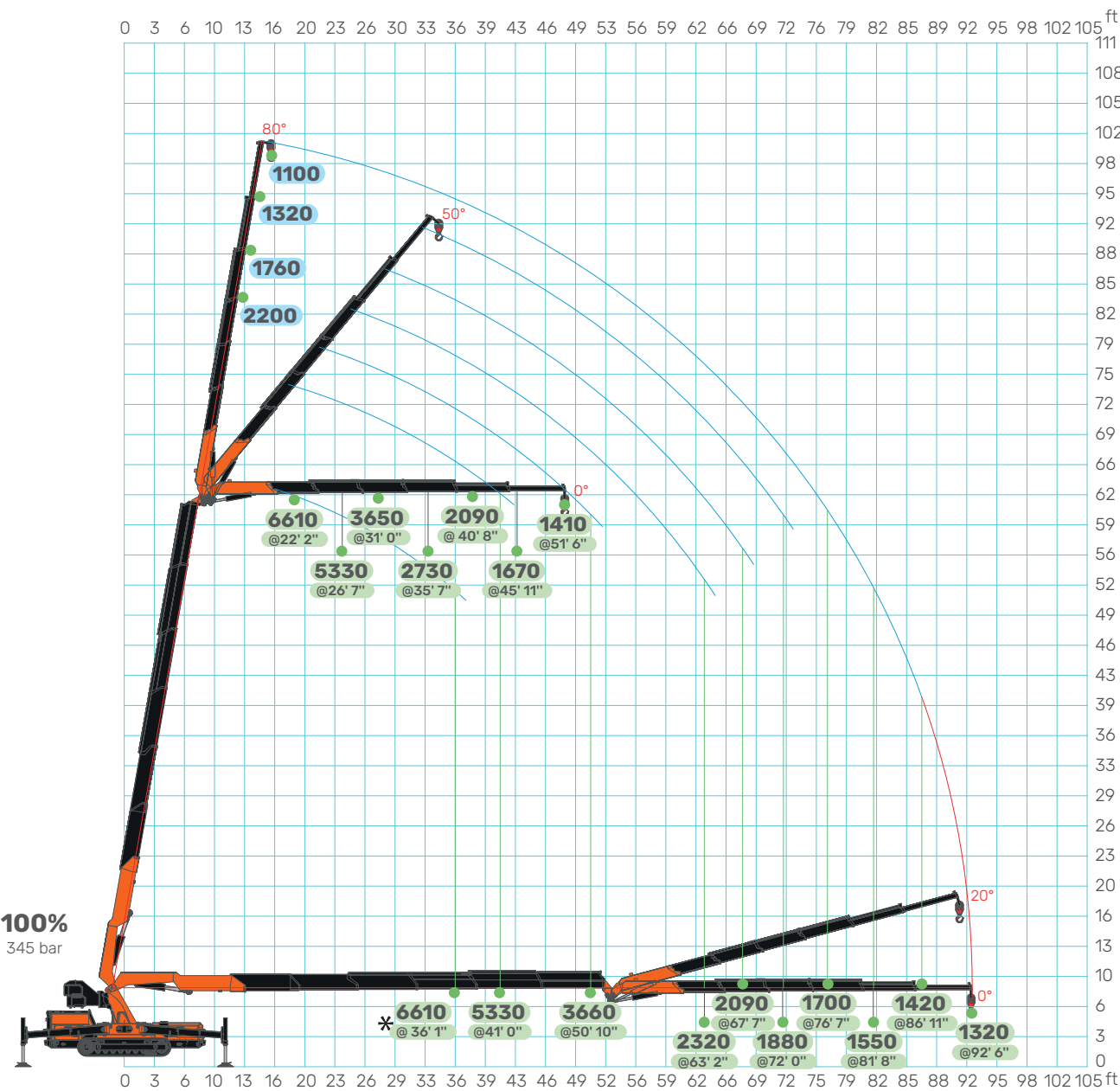


JF545.2 CDH

JIB3000.6HA diagram

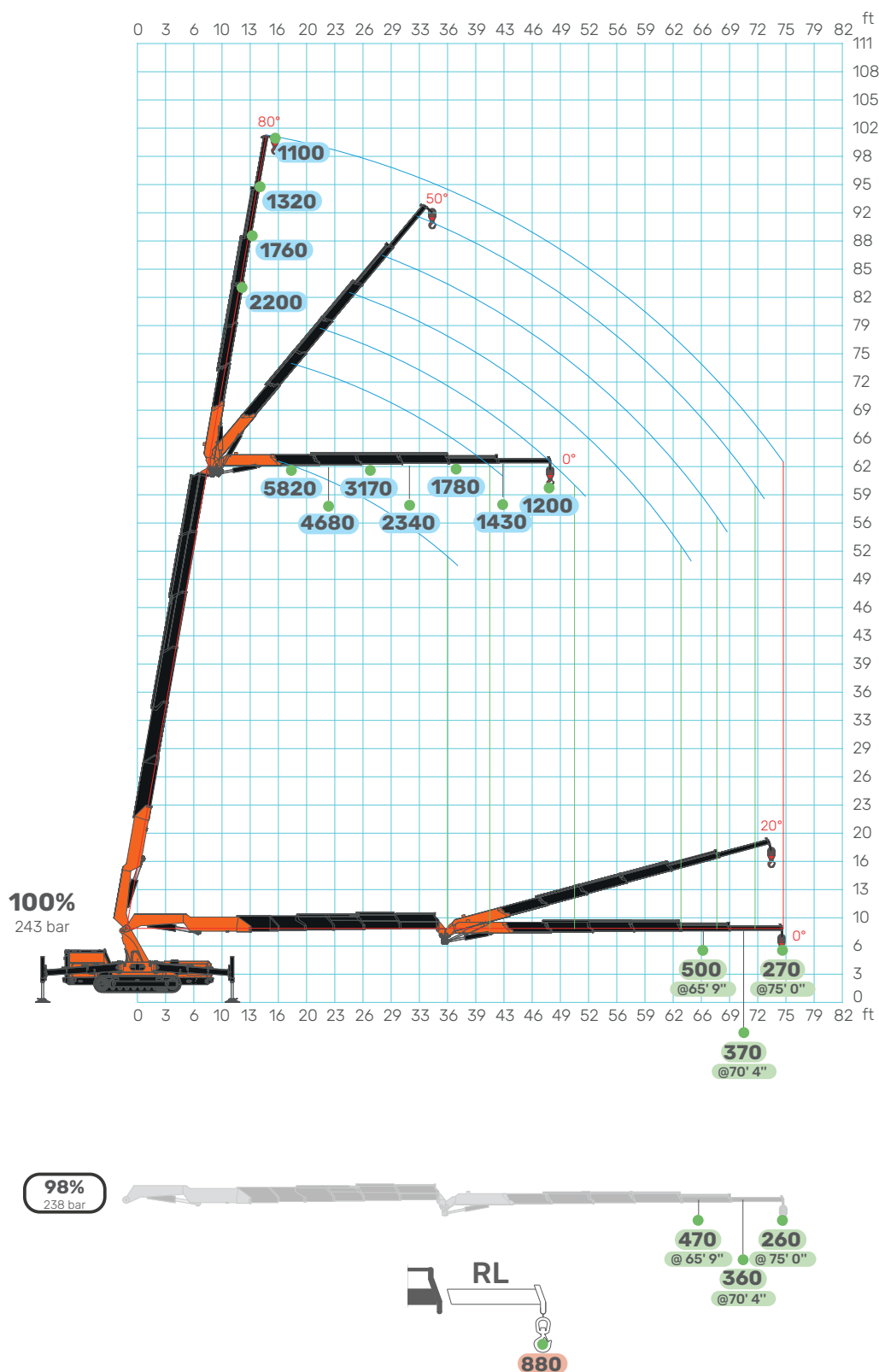
08.09.2026 | REV0.3

JIB3000.6HA



The load chart refers to the crane in deflection condition.

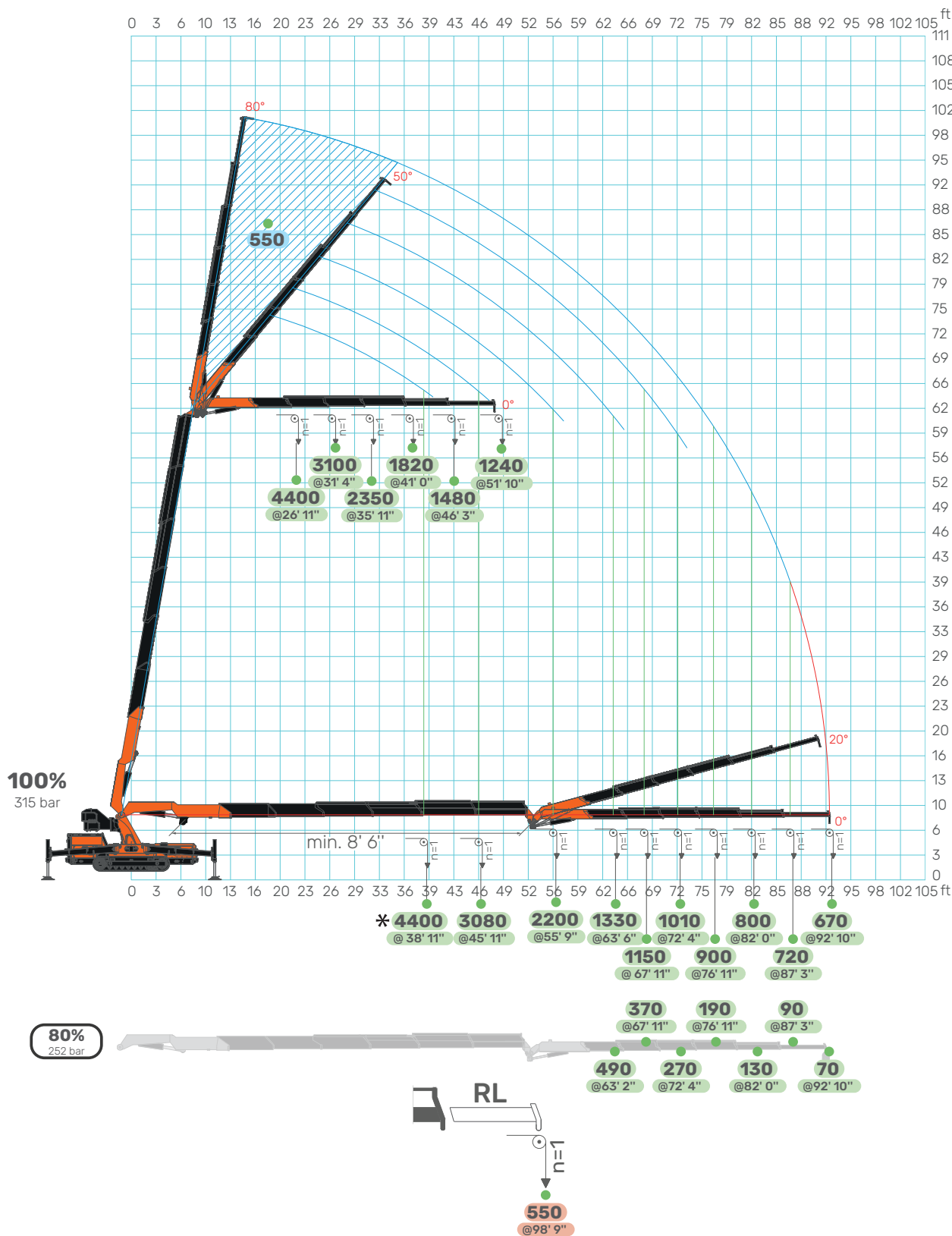
[ft] [lb]



JF545.2 CDH

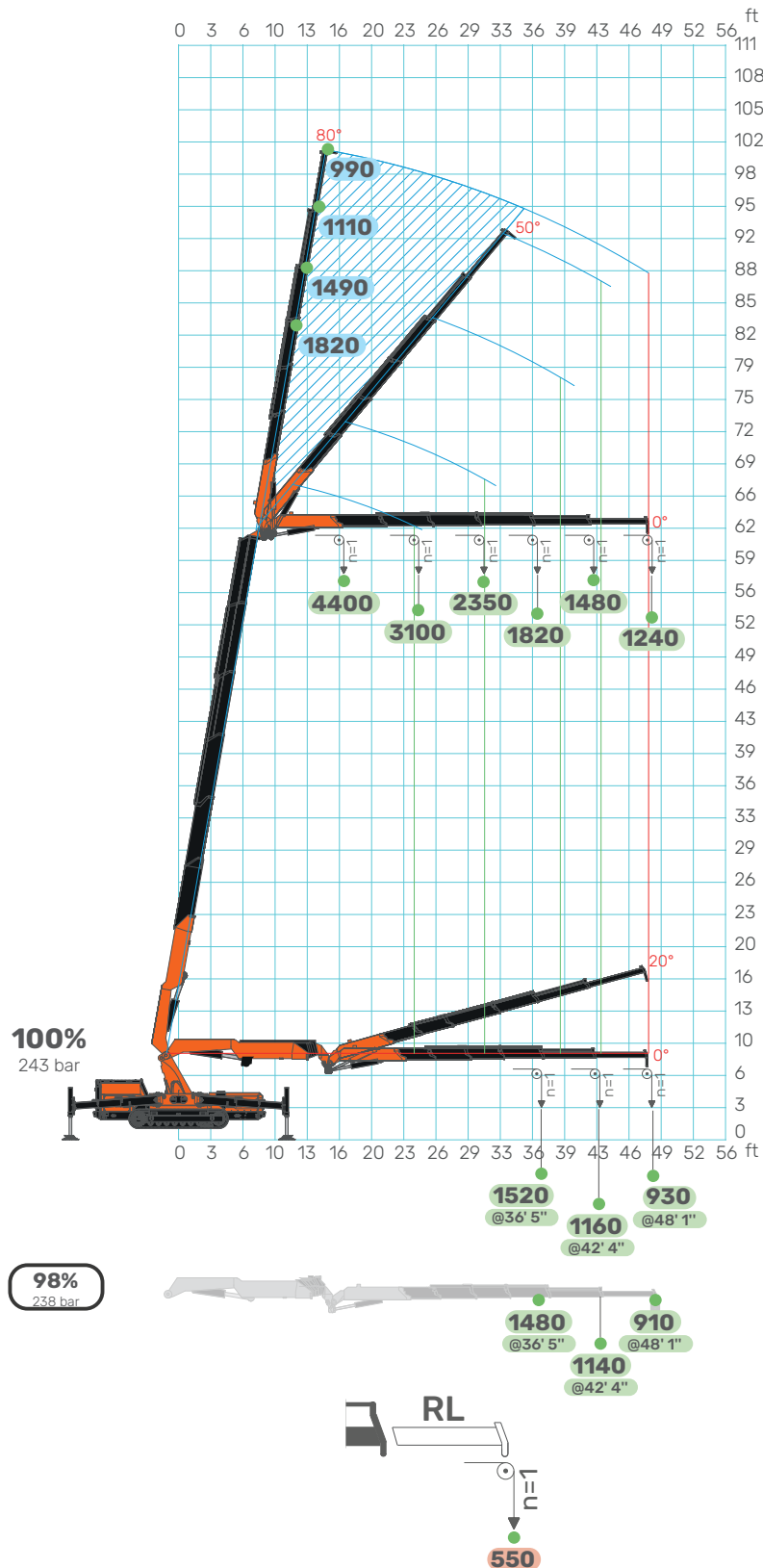
JIB3000.6HA diagram

08.09.2026 | REV0.3



The load chart refers to the crane in deflection condition.

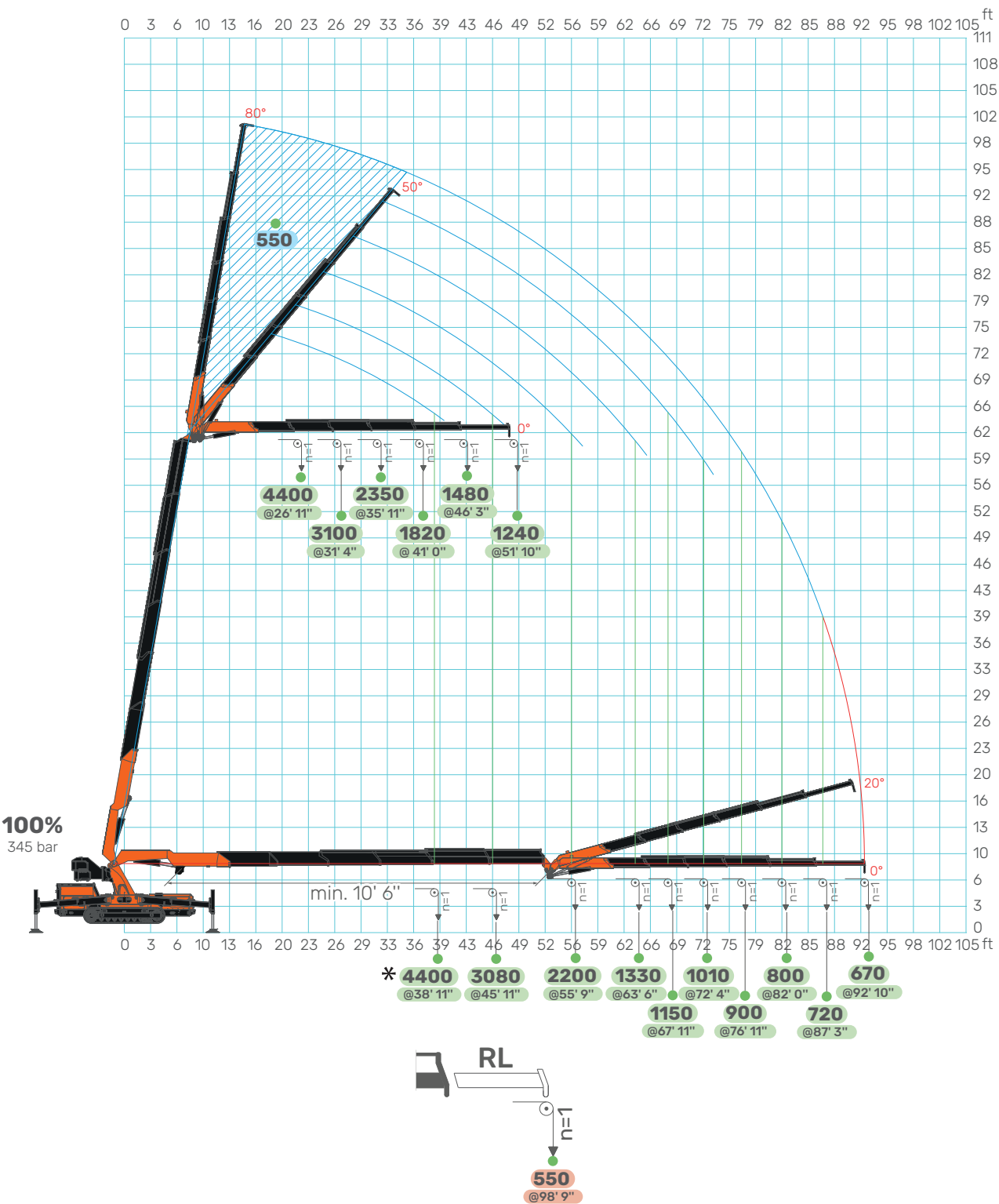
[ft] [lb]



JF545.2 CDH

JIB3000.6HA diagram

08.09.2026 | REV0.3

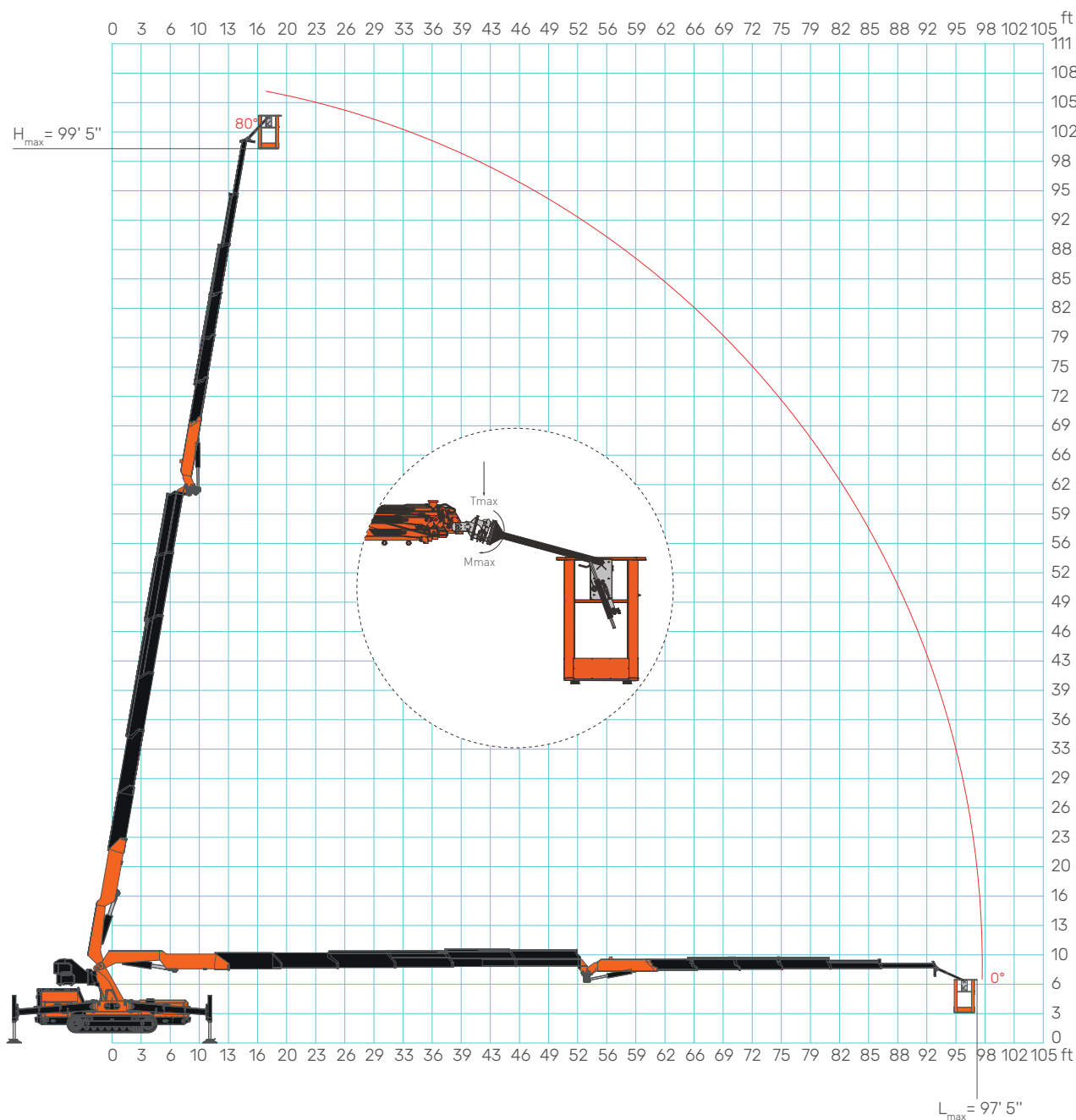


The load chart refers to the crane in deflection condition.

[ft] [lb]

One-men basket diagram

PLE



PLE



MWP-1PG.JIB3000.6HA

Max Capacity

lb

260

[1]: The load chart refers to the crane in deflection condition.

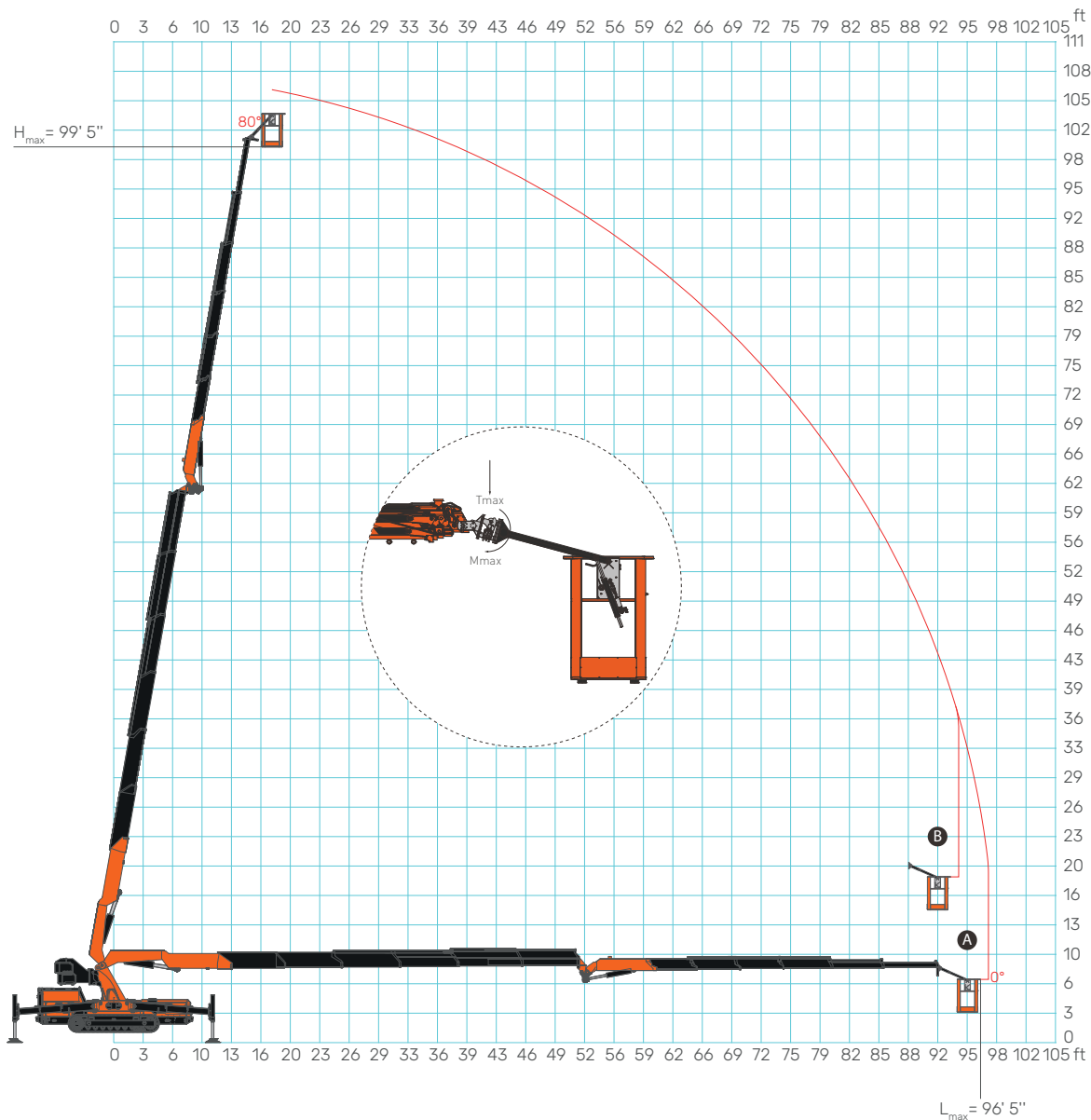
[2]: The crane is equipped with LMI. The maximum reachable distance may vary by about 3' 3".

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

JF545.2 CDH

Two-man basket diagram - Jib

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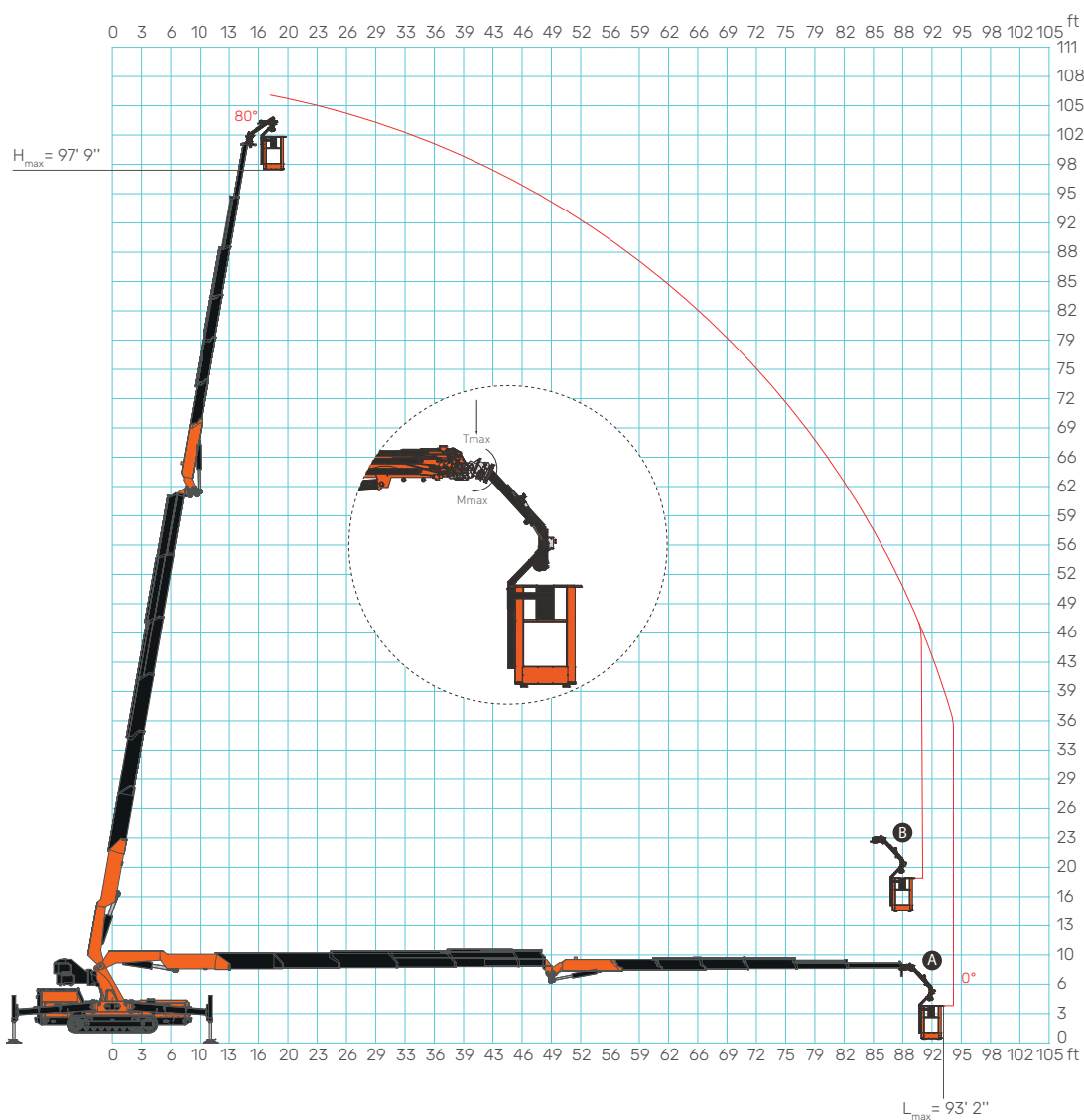
PLE



MWP-2PG.JIB3000.6HA	With activation	Max Capacity	lb	440
MWP-2PG-S.JIB3000.6HA				
MWP-2PG-A.JIB3000.6HA				
MWP-2PG.JIB3000.6HA	Without activation	Max Capacity	lb	440
MWP-2PG-S.JIB3000.6HA				
MWP-2PG-A.JIB3000.6HA				

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

Two-men rotation basket diagram - Jib



PLE 	MWP-2PGR.JIB3000.6HA	With activation	Max Capacity	lb	440
	MWP-2PGR-S.JIB3000.6HA				
	MWP-2PGR-A.JIB3000.6HA				
	MWP-2PGR-VE.JIB3000.6HA				
	MWP-2PGR.JIB3000.6HA	Without activation	Max Capacity	lb	440
	MWP-2PGR-S.JIB3000.6HA				
	MWP-2PGR-A.JIB3000.6HA				
	MWP-2PGR-VE.JIB3000.6HA				

[1]: The load chart refers to the crane in deflection condition.

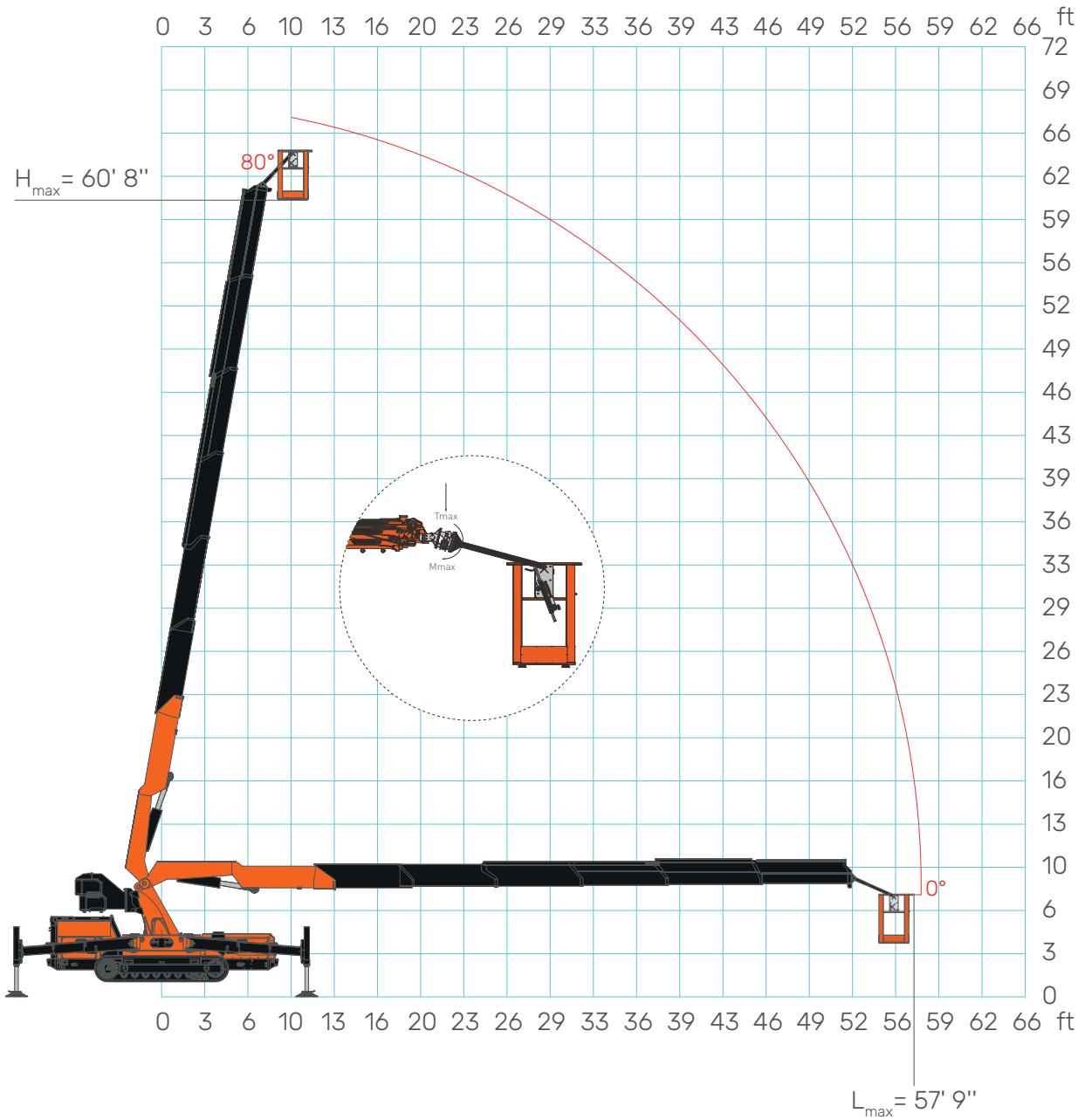
[2]: The crane is equipped with LMI. The maximum reachable distance may vary by about 3' 3".

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

JF545.2 CDH

Two-men basket diagram - Main boom

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MWP-2PG.JF545.2

Max capacity

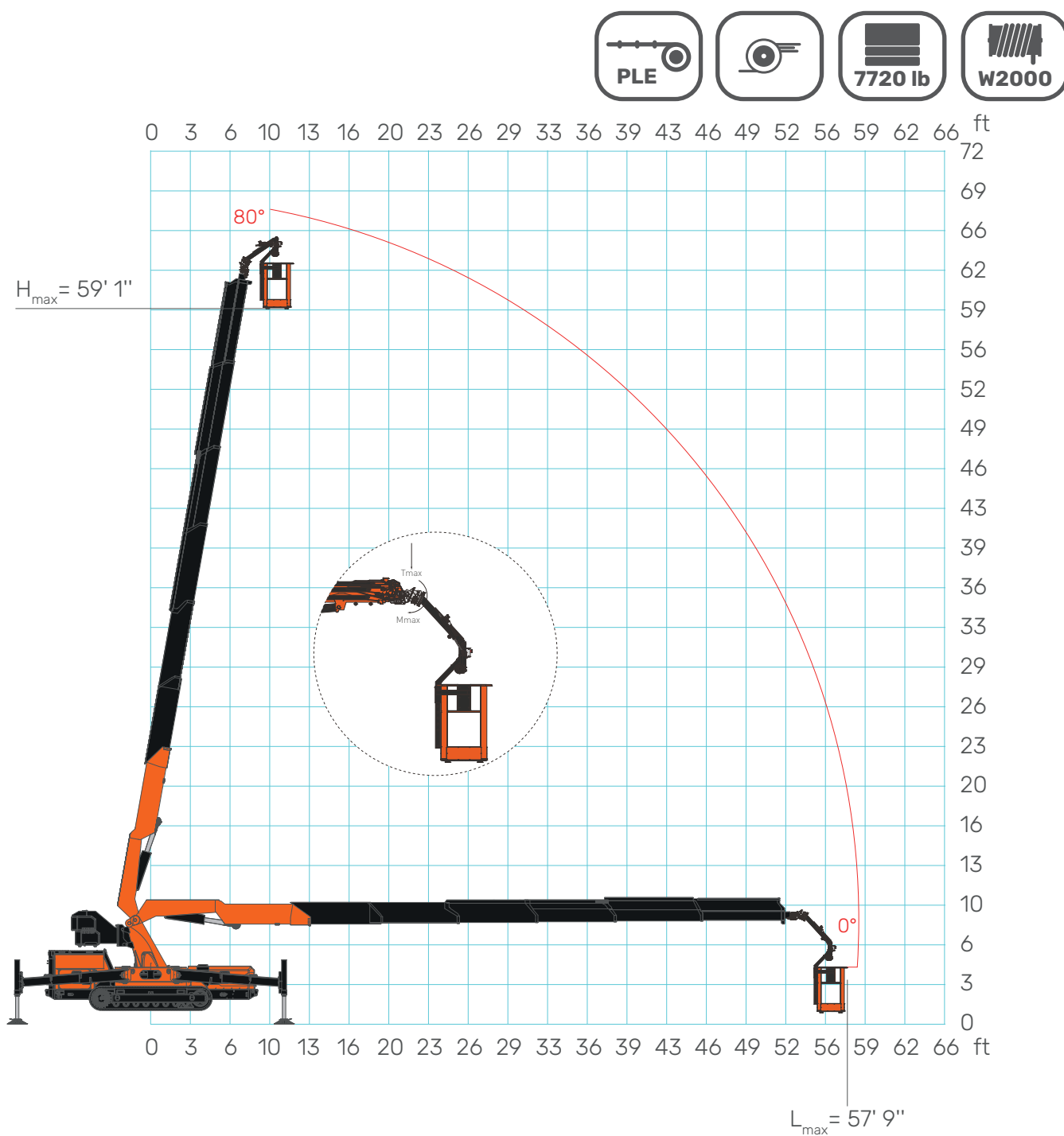
lb

440

[1]: The load chart refers to the crane in deflection condition.

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

Two-men rotating basket diagram - Main boom



PLE		MWP-2PGR.JF545.2	Max capacity	lb	440
-----	---	------------------	--------------	----	-----

[1]: The load chart refers to the crane in deflection condition.

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

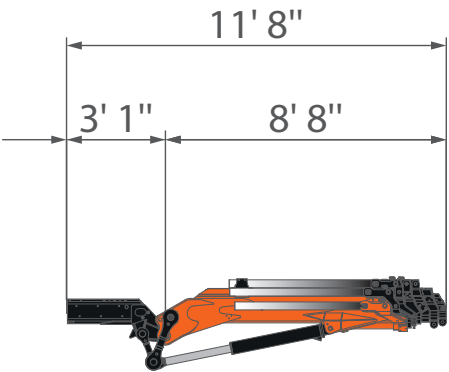
JF545.2 CDH

JIB6500.6HA features

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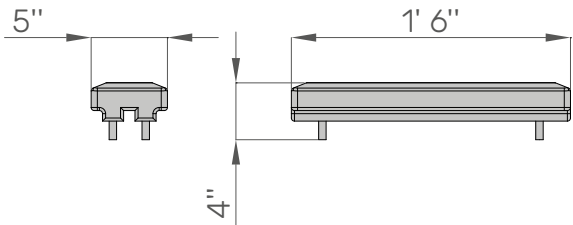
ACCESSORIES

JIB3000.6HA

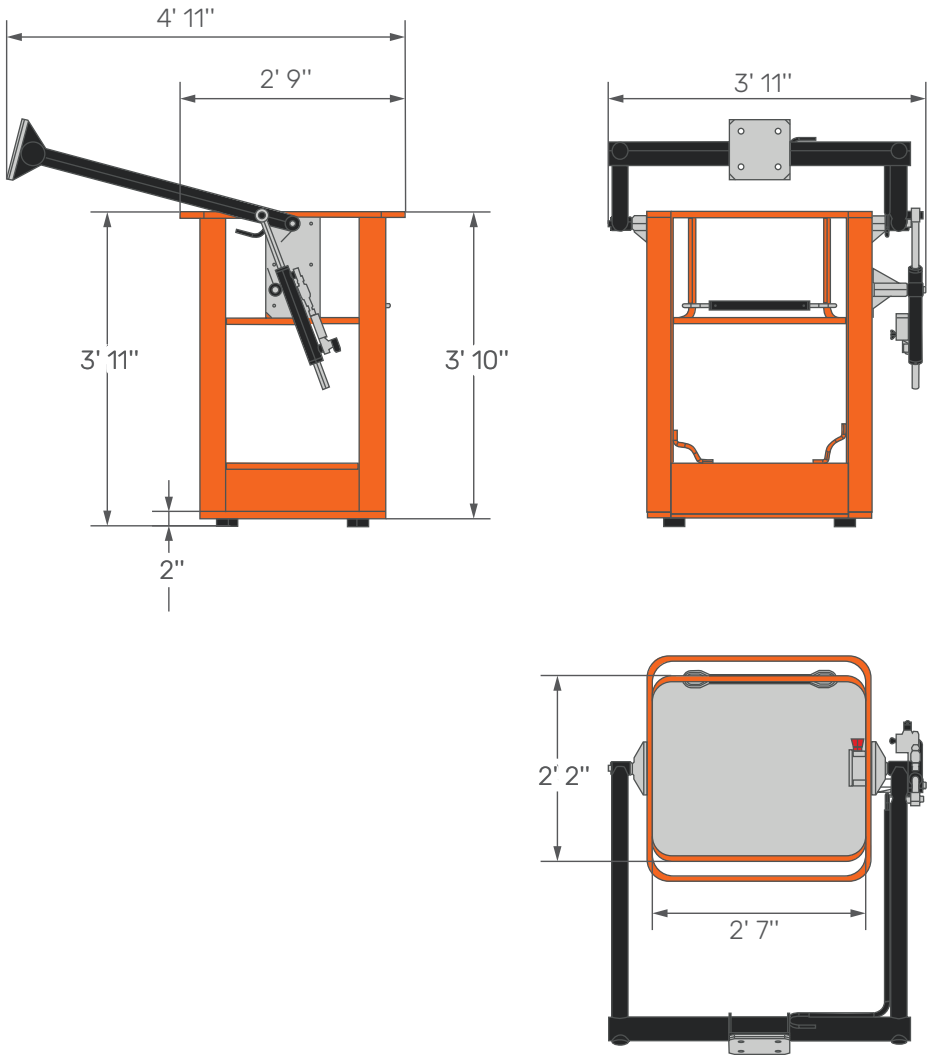


WEIGHT		JIB	JIB3000.6HA	With activation	lb	2,780
				Without activation		2,510

MTP-JFM



MWP-1PG.JIB3000.6HA



WEIGHT



PLE

MWP-1PG.JIB3000.6HA

lb

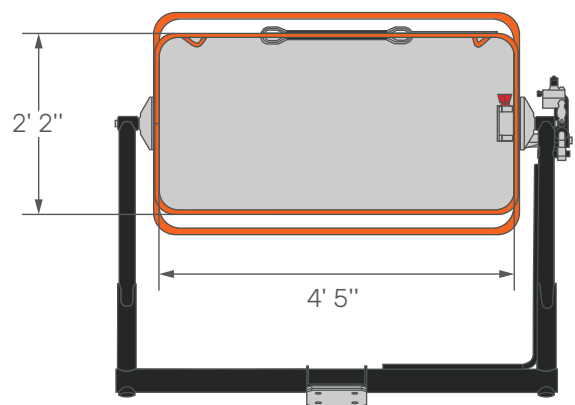
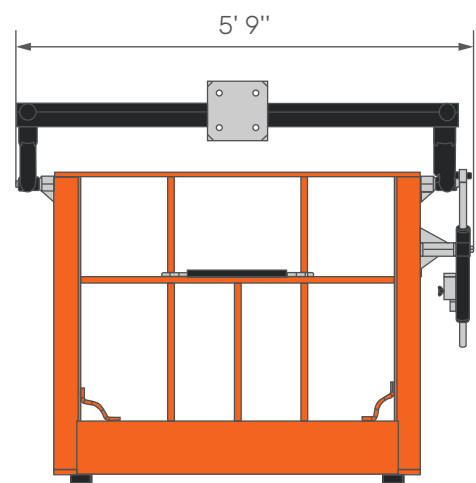
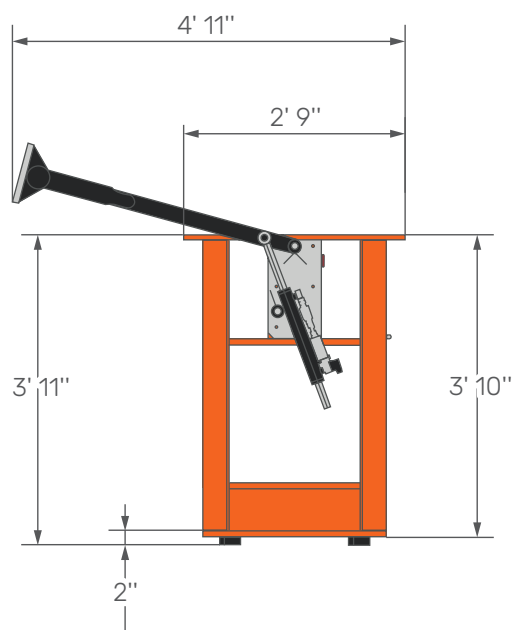
293

JF545.2 CDH

Two-men basket features

08.09.2026 | REV0.3

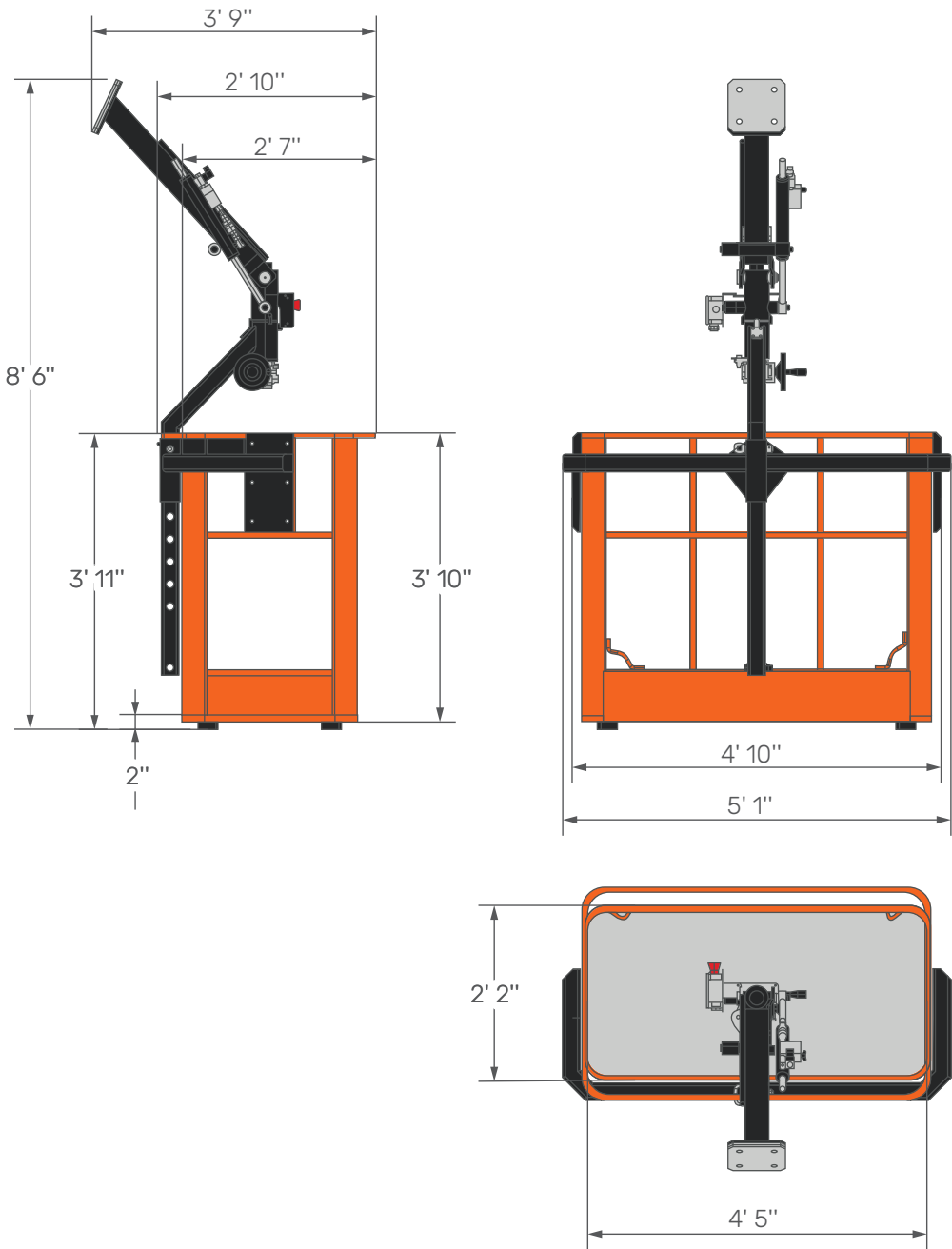
- MWP-2PG.JIB3000.6HA
- MWP-2PG-A.JIB3000.6HA
- MWP-2PG-S.JIB3000.6HA



WEIGHT					
		PLE	MWP-2PG.JIB3000.6HA	lb	350
			MWP-2PG-A.JIB3000.6HA		293
			MWP-2PG-S.JIB3000.6HA		328

Two-men rotating basket features

- MWP-2PGR.JIB3000.6HA
- MWP-2PGR-A.JIB3000.6HA
- MWP-2PGR-S.JIB3000.6HA



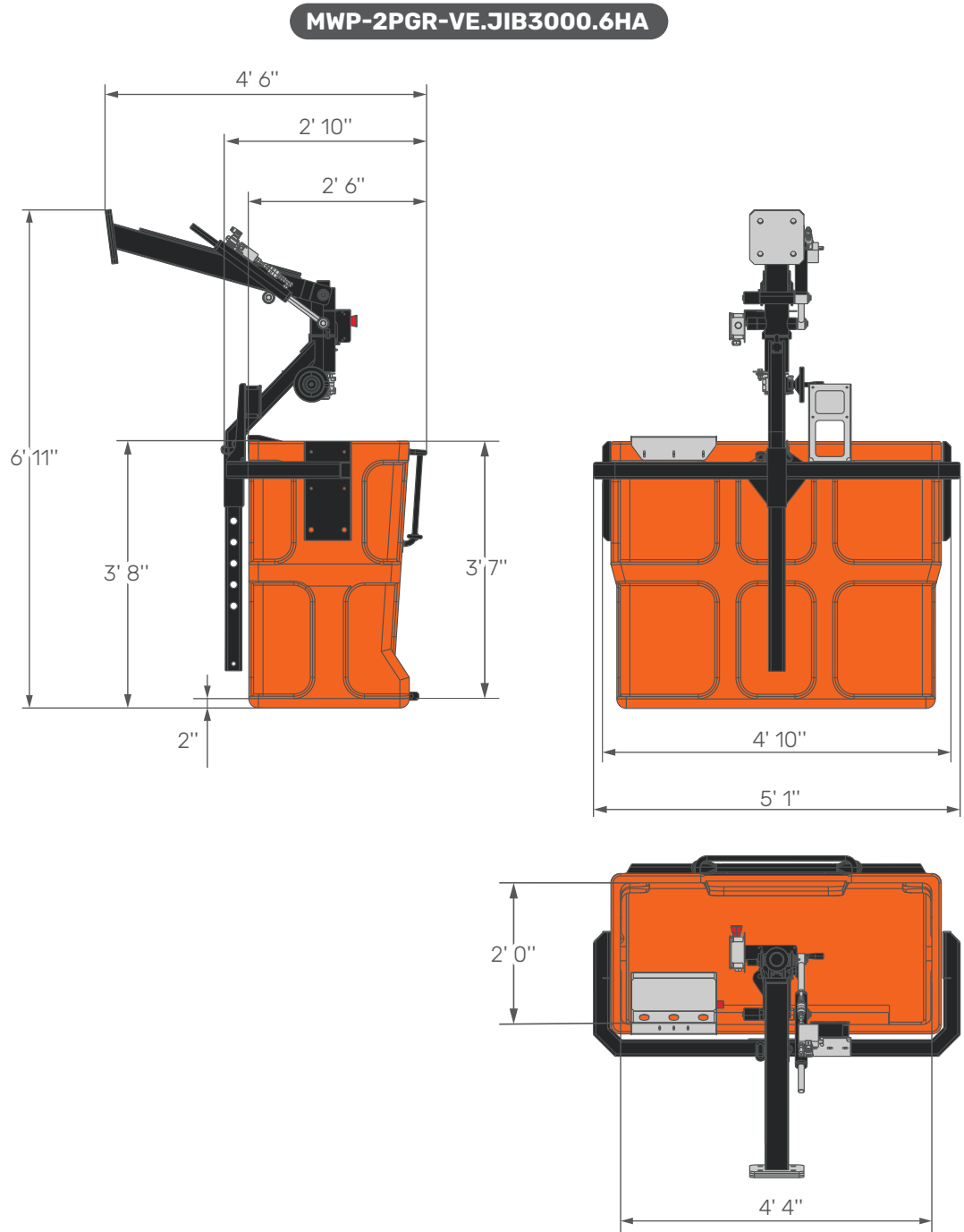
WEIGHT		PLE	MWP-2PGR.JIB3000.6HA	lb	456
			MWP-2PGR-A.JIB3000.6HA		381
			MWP-2PGR-S.JIB3000.6HA		418

[ft]

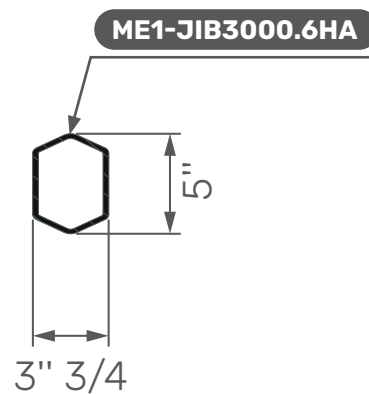
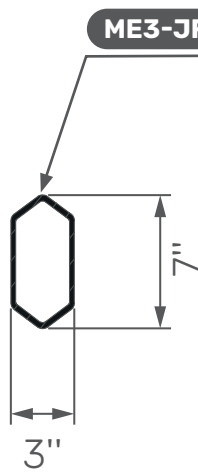
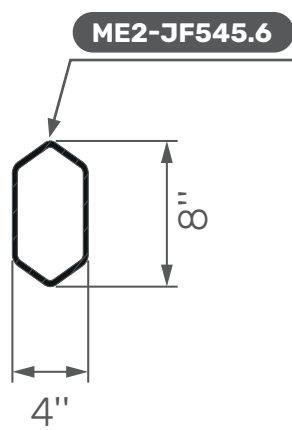
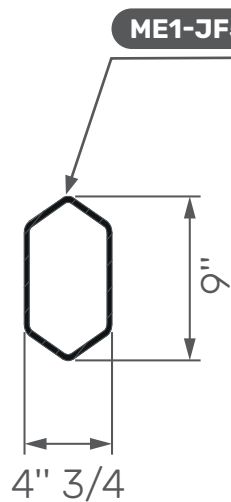
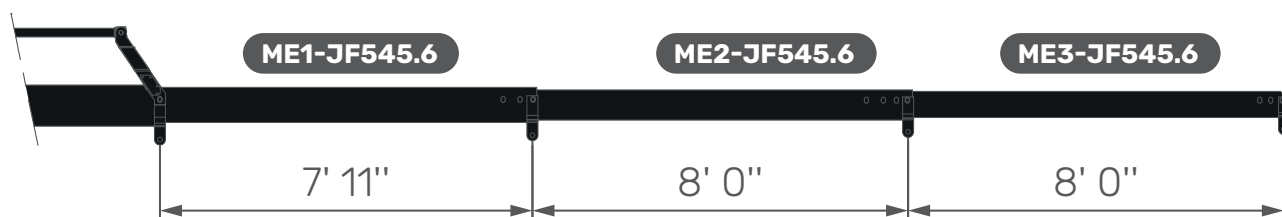
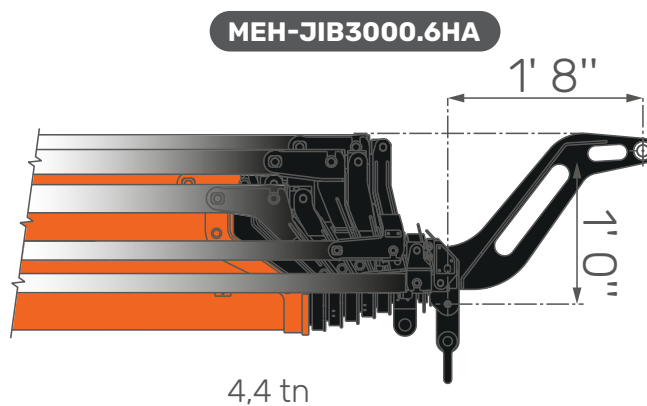
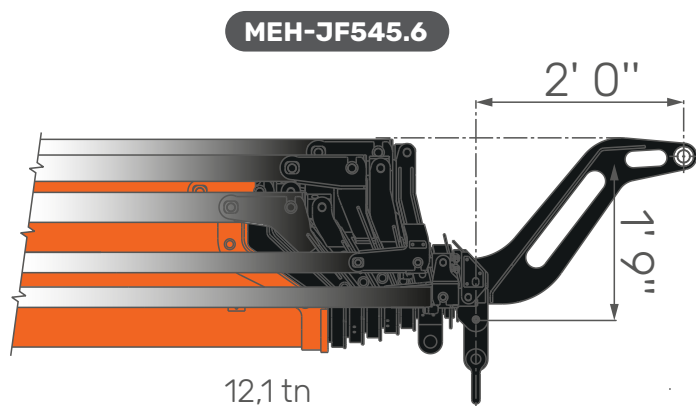
JF545.2 CDH

Two-men rotating basket features

08.09.2026 | REV0.3



WEIGHT		PLE	MWP-2PGR-VE.JIB3000.6HA	lb	410



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.



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SERIAL NUMBER:



08.09.2026 | REV0.3