



Technical Data

Specifications & Capacities

JF545.2 CDH

Translation of the original instructions

[m] [kg]

08.09.2026 | REV0.3



EN 12999:2020

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JIB6500.6HA features 30

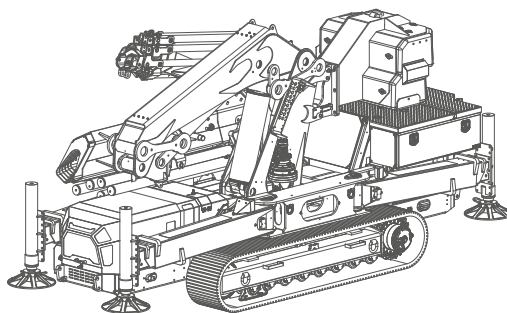
One-man basket features 31

Two-men basket features 32

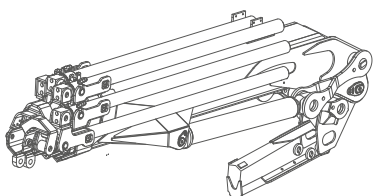
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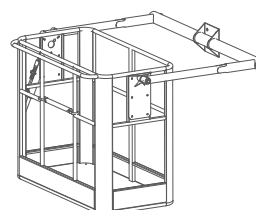
CRANE CONFIGURATION



JF545.2 CDH



JIB3000.6HA



PLE

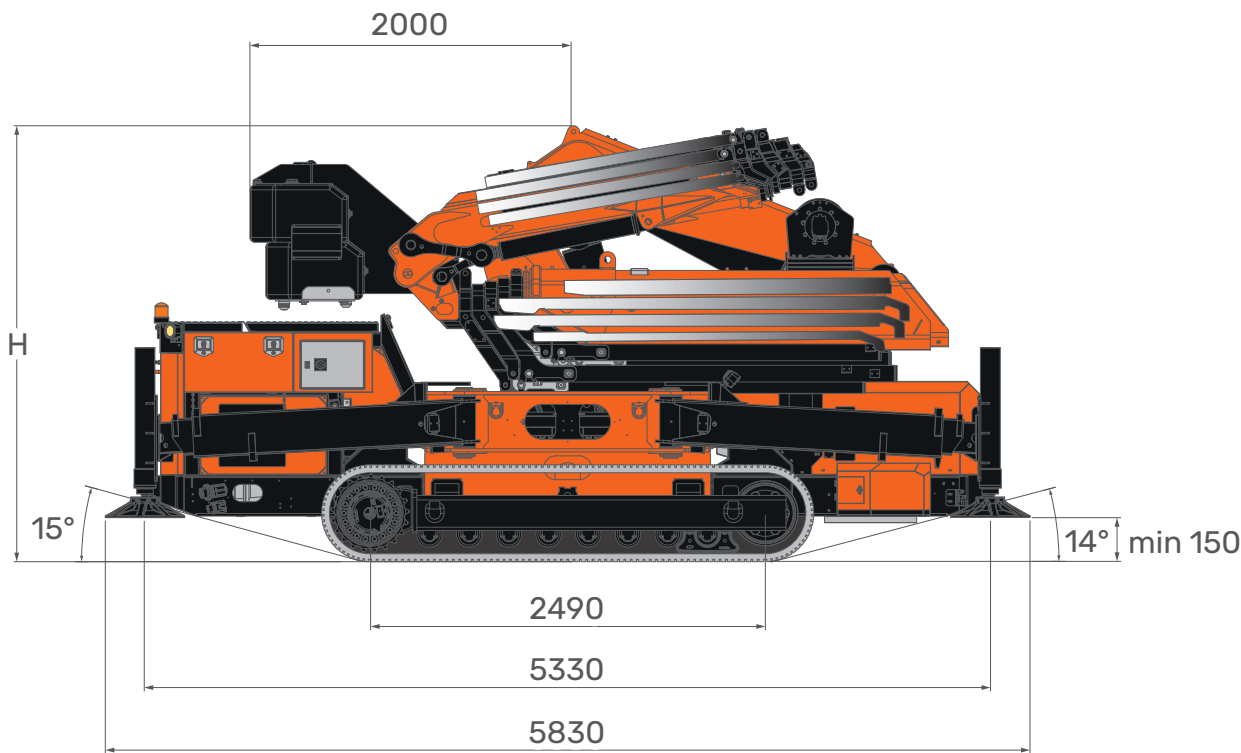


JF545.2 CDH

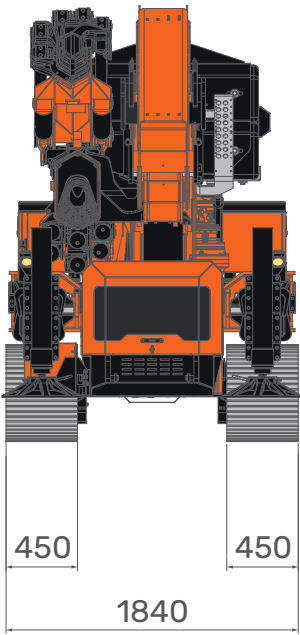
Overall dimensions

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OVERALL DIMENSIONS



with V20 winch	2.830
with V30 winch	2.900



[mm]

OVERALL INFORMATIONS

CRANE INFO

	DESCRIPTION	U.M.	VALUE
	OVERALL DIMENSIONS	mm	Height
			2.830
			Length
		m	5.830
			Width
			1.840
	BOOM	s	Length
			4,7/16,3
		°	Speed
			50 ^[1] (4,7/16,3)
	SLEWING	rpm	Angle
			360°
		°	Speed
			0,67
	LIFTING	s	Working Angle
			0°/80°
		s	Speed
			37 (0°/80°)
MAX CAPACITY		kg	15.500
MAX OUTRIGGERS MAX LOAD		daN	11.035 ^[2]
TRACK LOAD (STANDARD CONFIGURATION)		kg/cm ²	0,85
	TRAVEL SPEED	km/h	Slow
			1
		°	Fast
			2,3
MAX GRADEABILITY (CLOSED TRACKS)		°	15° (27%)
WORKING TEMPERATURE		°C	-10°/+40°
SOUND EMISSIONS		dB	-
MAX WIND SPEED IN WORKING CONDITIONS		m/s	13,8
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	With activation	kg	13.730 ^{[1][2]}
COUNTERWEIGHT		kg	3.500

HOOKBLOCKS



HOOKBLOCK	Single Fall	kg	47
	Double Fall		58
	Triple Fall		-
	Jib Single Fall		74

ACCESSORIES



JIB	JIB3000.6HA	With activation	kg	1.260
		Without activation		1.140
WINCH	W2000-JFM		kg	200
	W3000-JFM-JFX			320
MANUAL EXTENSIONS	ME1-JF545.6		kg	95
	ME2-JF545.6			70
	ME3-JF545.6			45
	MEH-JF545.6			90
	ME1-JIB3000.6HA			36
	MEH-JIB3000.6HA			23
	POWERPACK	3-Phase Kit		kg
OUTRIGGERS MATS	OM500.1 (x4)		kg	92
LOW MARKING PADS	WTP-V-JFX (x92)		kg	300
PLE	MWP-1PG.JIB3000.6HA		kg	133
	MWP-2PG.JIB3000.6HA / MWP-2PG-JF545.2			160
	MWP-2PG-A.JIB3000.6HA			133
	MWP-2PG-S.JIB3000.6HA			149
	MWP-2PGR.JIB3000.6HA / MWP-2PGR.JF545.2			207
	MWP-2PGR-A.JIB3000.6HA			173
	MWP-2PGR-S.JIB3000.6HA			190
	MWP-2PGR-VE.JIB3000.6HA			185

[1]: Dry weight

[2]: Estimated fluids weight = 285 kg

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		L	200
HYDRAULIC SYSTEM CAPACITY		L	330
OIL	ISO6743-4:HV	Mineral	ISO VG46
ENGINE PUMP	Displacement	cm ³ /rev	80
	Max Oil Flow	L/min	160
3-PHASE MOTORIZATION PUMP	Displacement	cm ³ /rev	45
	Max Oil Flow	L/min	60

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Winch

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WINCH

W2000-JFM



LAYER	MAX PULL LINE	ROPE SPEED
		STANDARD
	daN	m/min
1	2.000 ^[1]	45
4	– ^[1]	57,5

ROPE

WIRE ROPE	BREAKING LOAD	∅	TOTAL LENGTH
	daN	mm	m
Anti twist 19x7 right lang lay	12.750	12	60

W3000-JFM-JFX



LAYER	MAX PULL LINE	ROPE SPEED
		STANDARD
	daN	m/min
1	3.000 ^[1]	28
3	– ^[1]	36

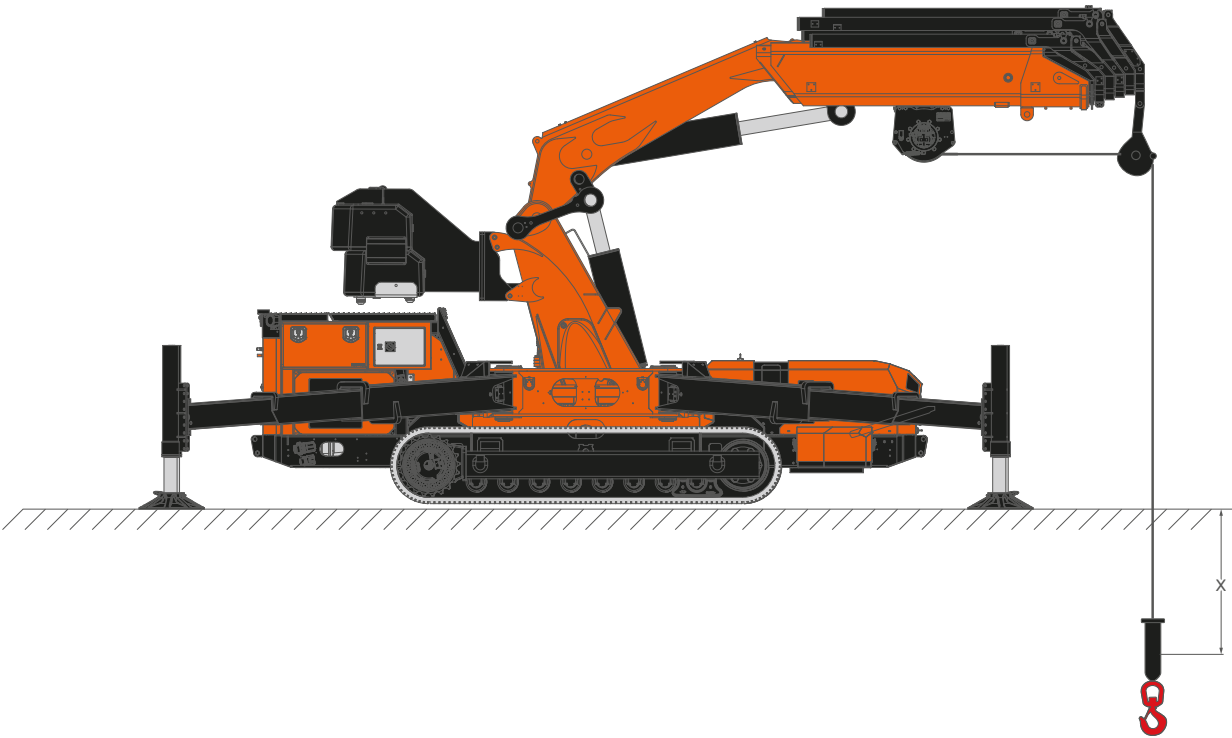
ROPE

WIRE ROPE	BREAKING LOAD	∅	TOTAL LENGTH
	daN	mm	m
Anti twist 19x7 right lang lay	18.600	14	60

^[1]: LMI limited at 2.000 kg.

^[2]: LMI limited at 3.000 kg.

WINCH ROPE MAX REACH



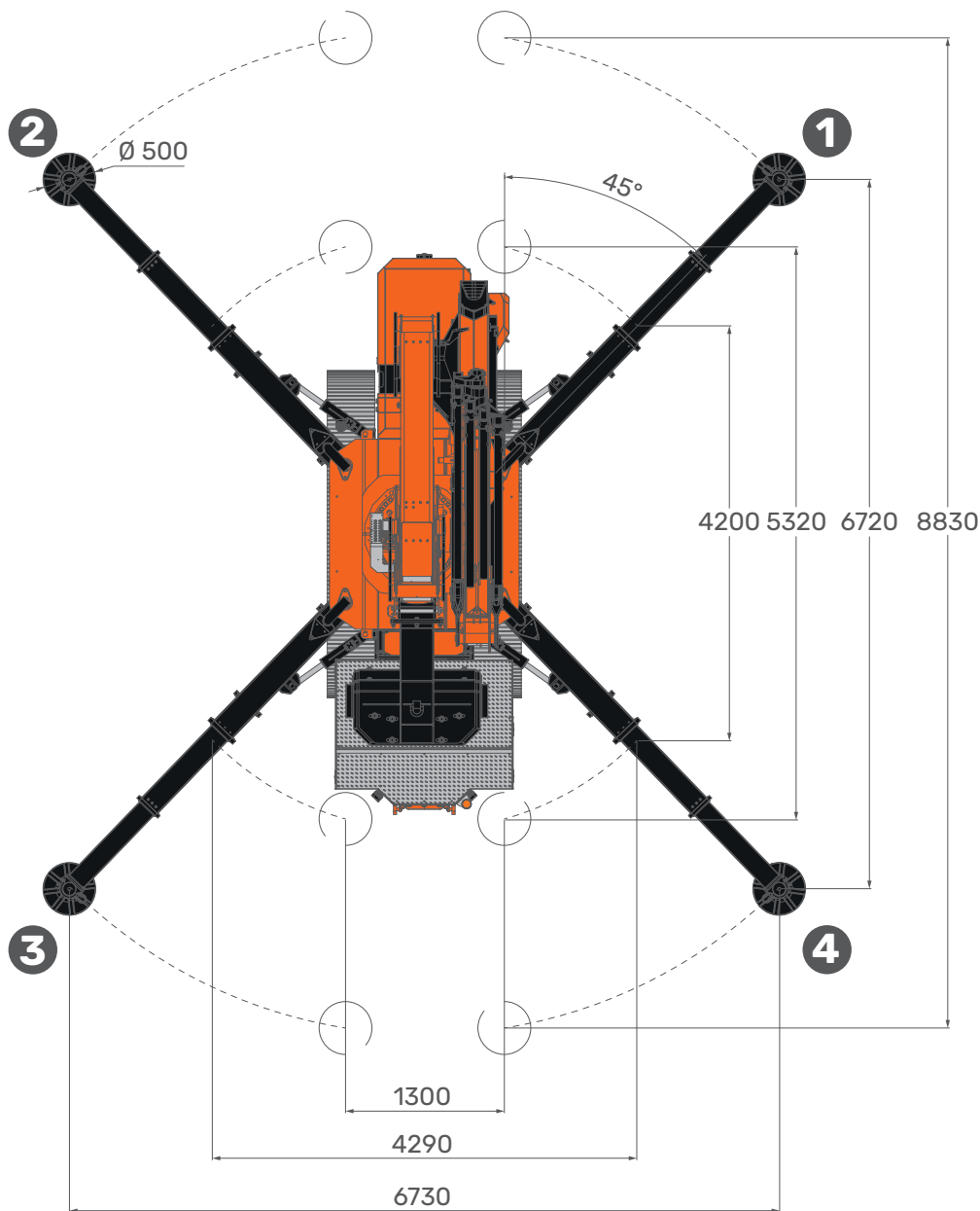
ROPE		W2000-JFM	Parts of Line	1	m	50
				3		14
		W3000-JFM-JFX	Parts of Line	1	m	50
				2		23

JF545.2 CDH

Stability areas

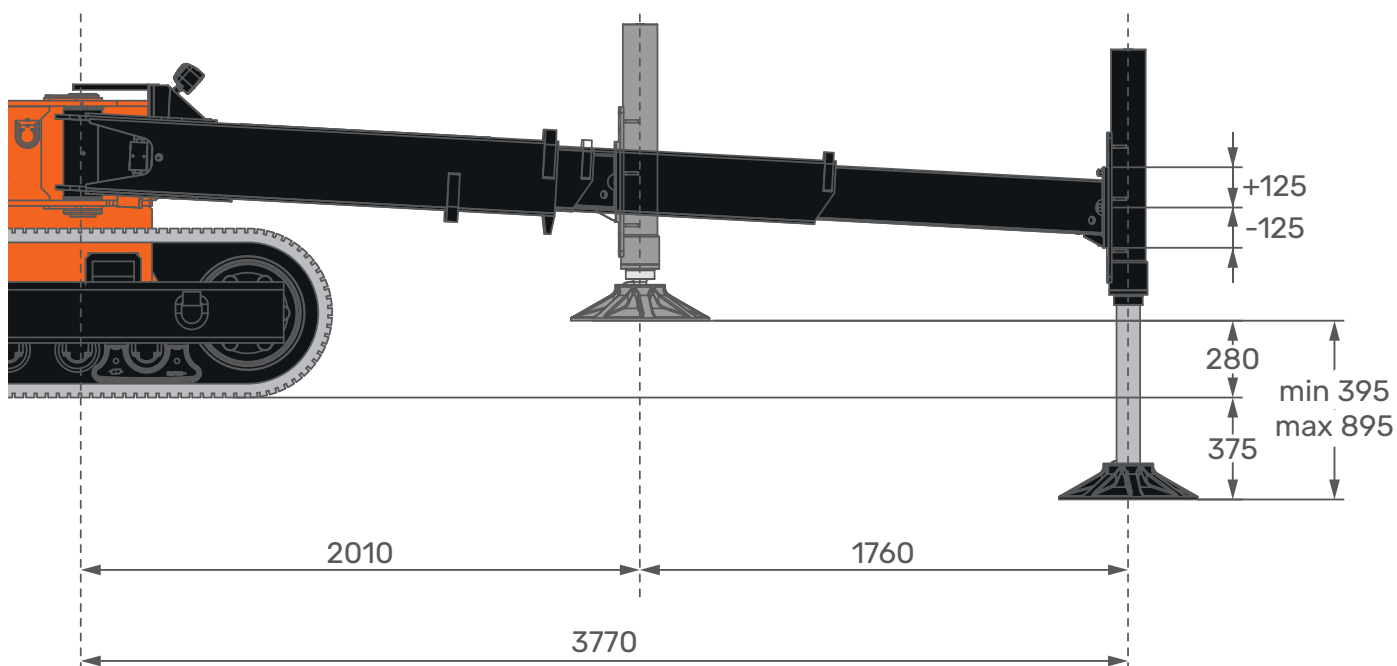
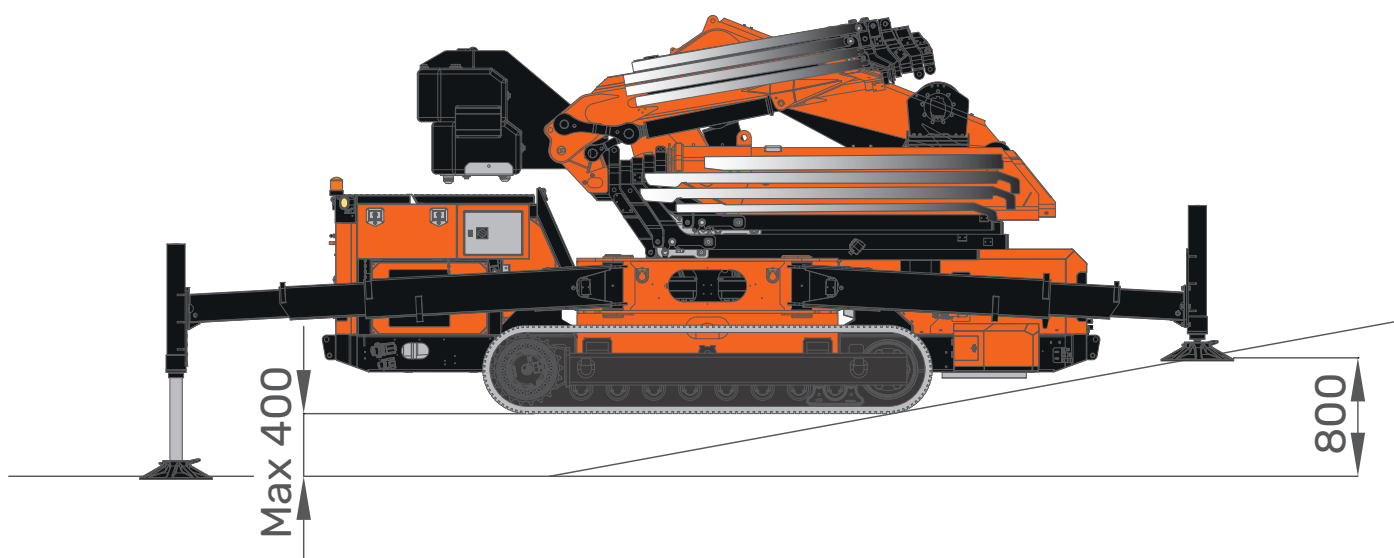
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STABILITY AREAS



[mm]

OUTRIGGERS

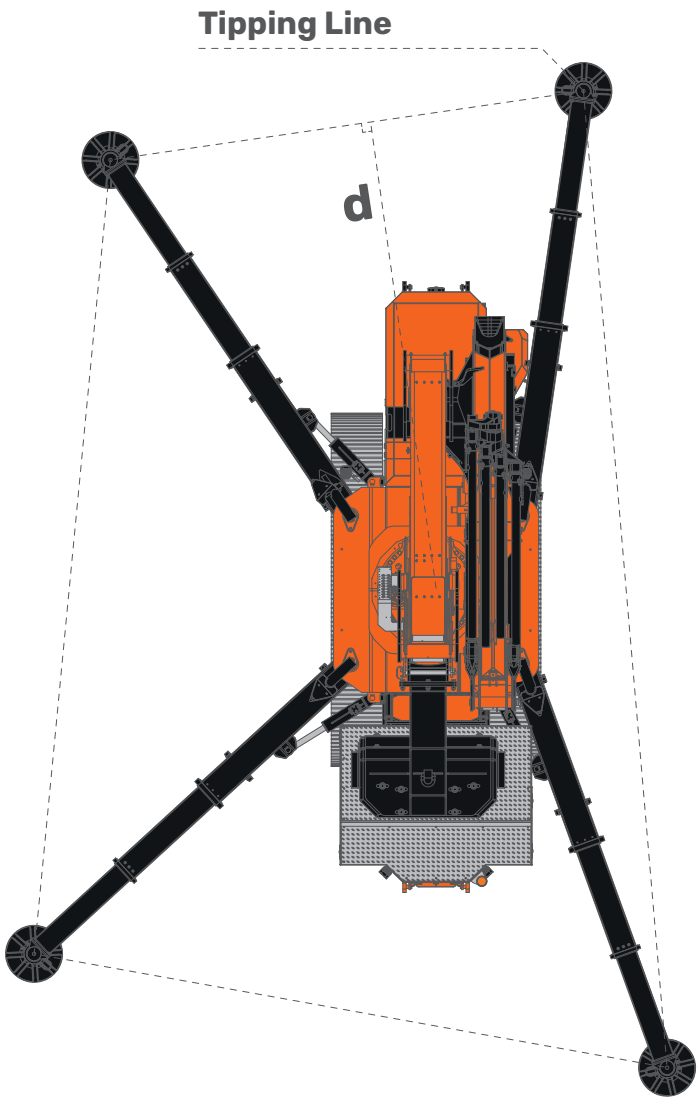


JF545.2 CDH

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Tipping line - Load chart selection

TIPPING LINE

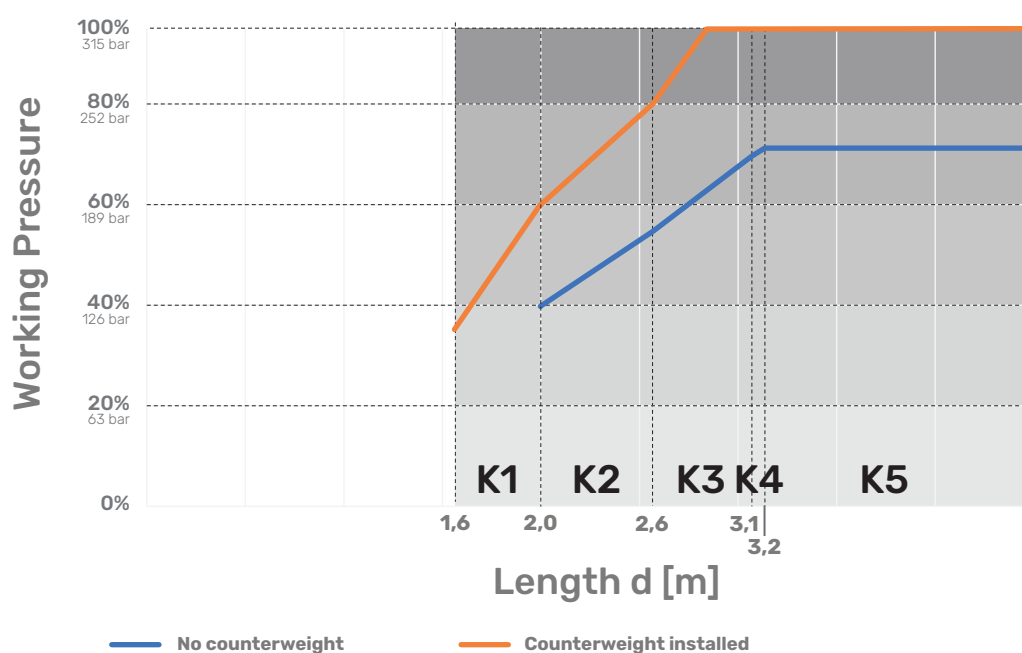
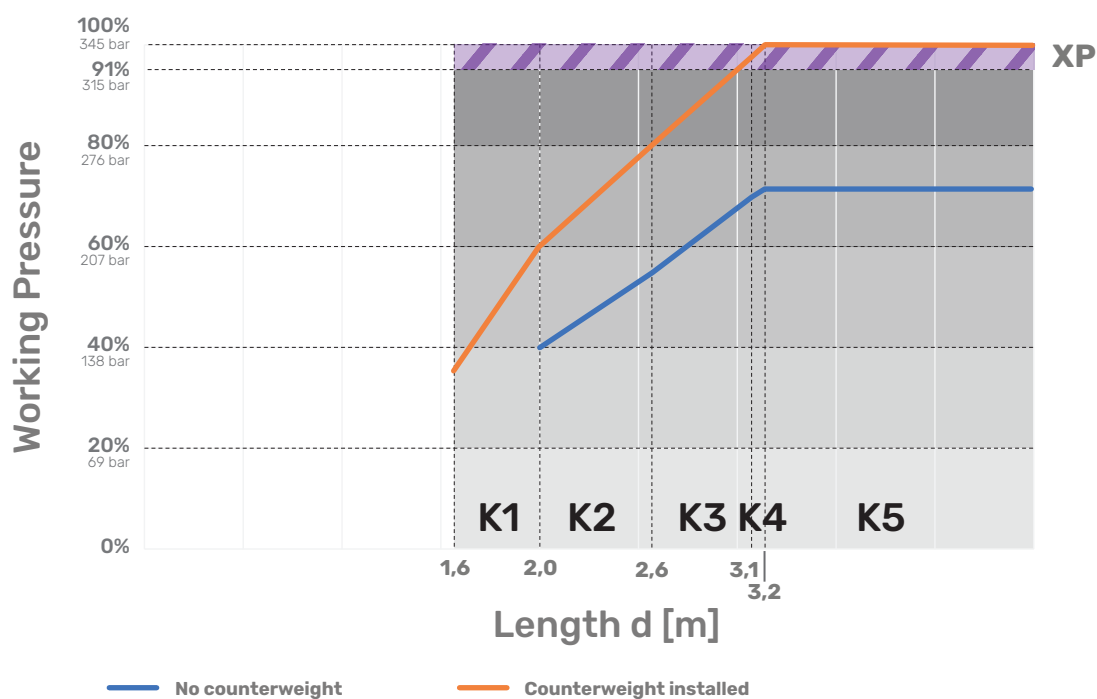


LOAD CHART SELECTION

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	-

PRESSURE CHARTS

MAIN BOOM

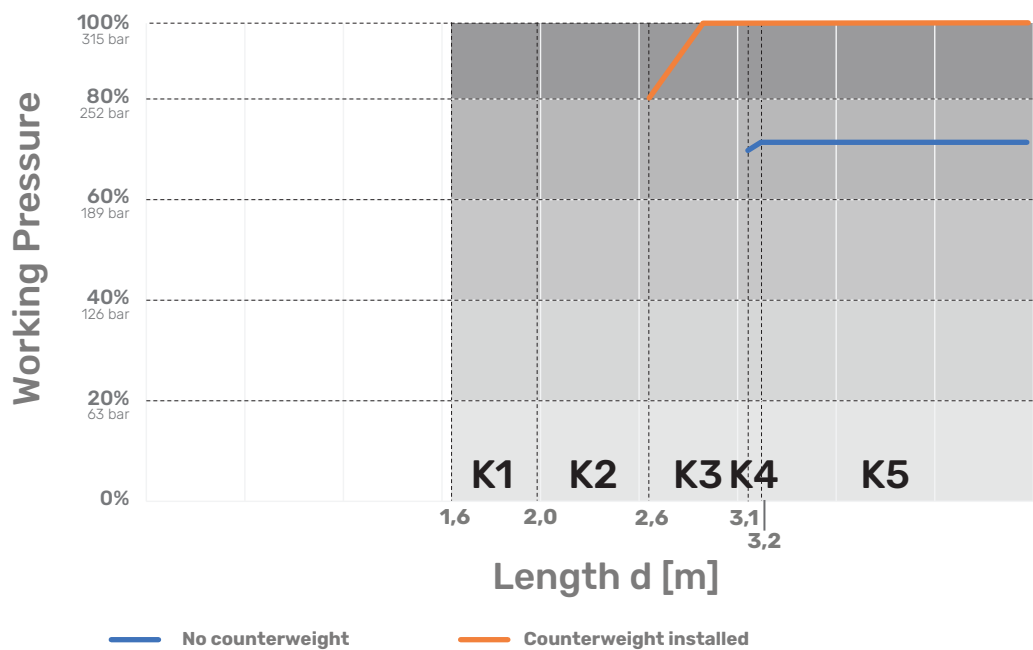
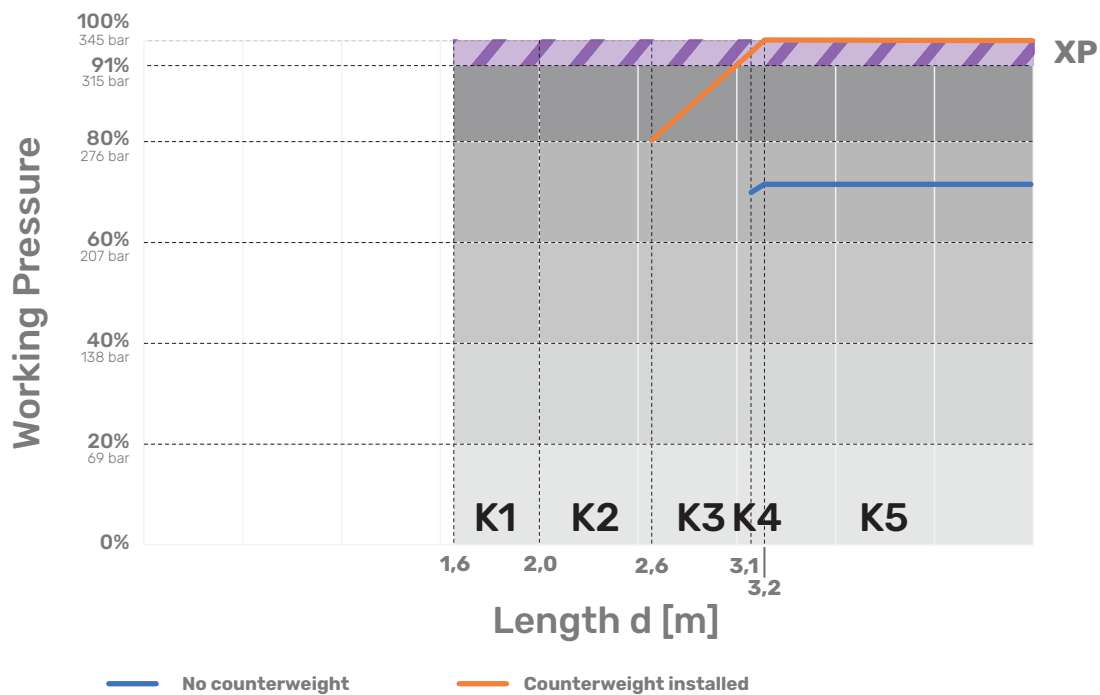


JF545.2 CDH

Pressure charts

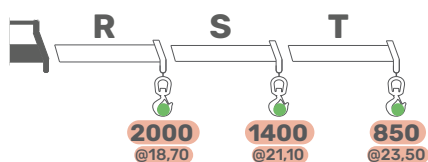
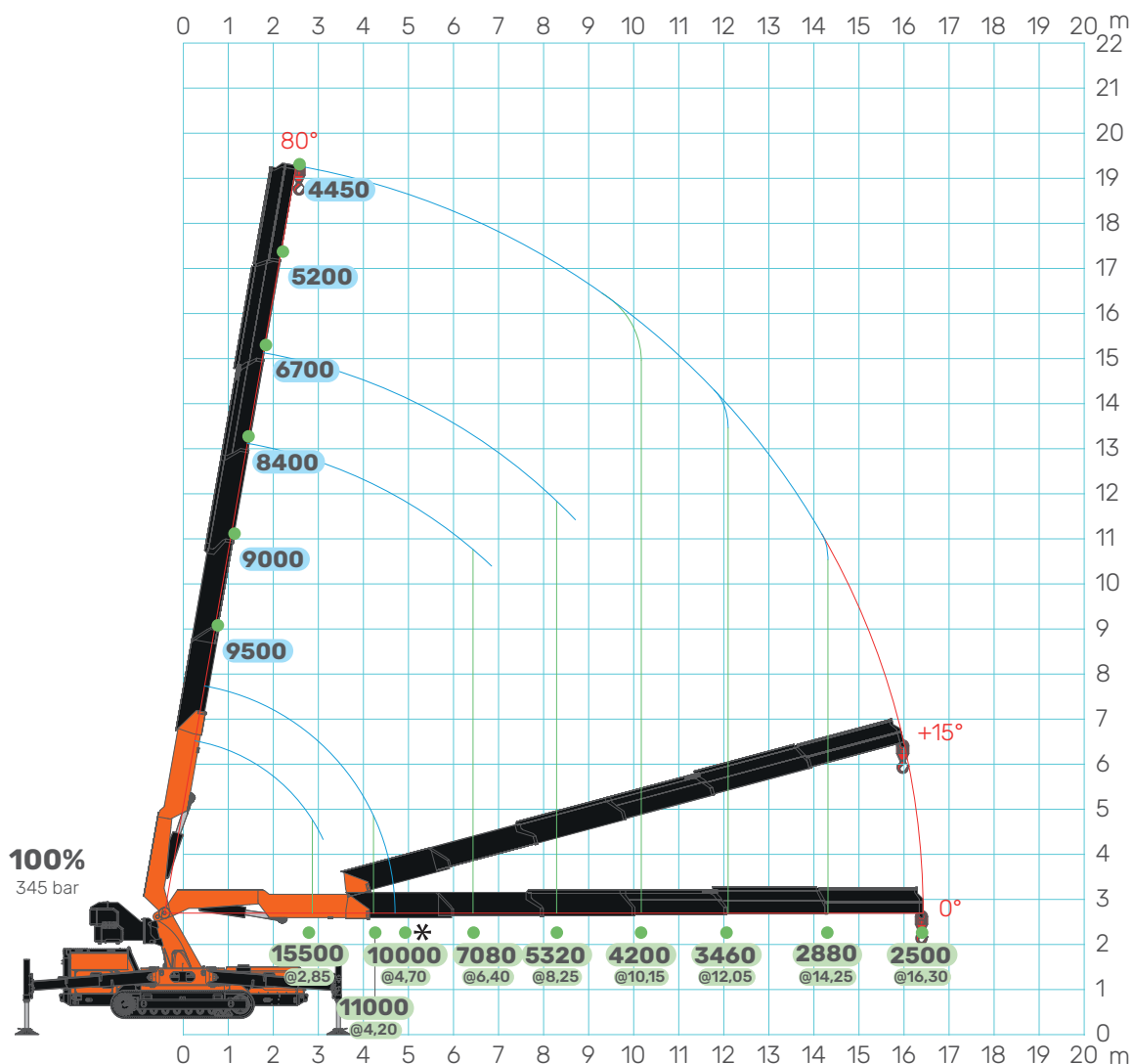
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JIB3000.6HA



MAIN BOOM

3500 kg

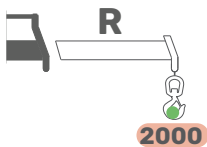
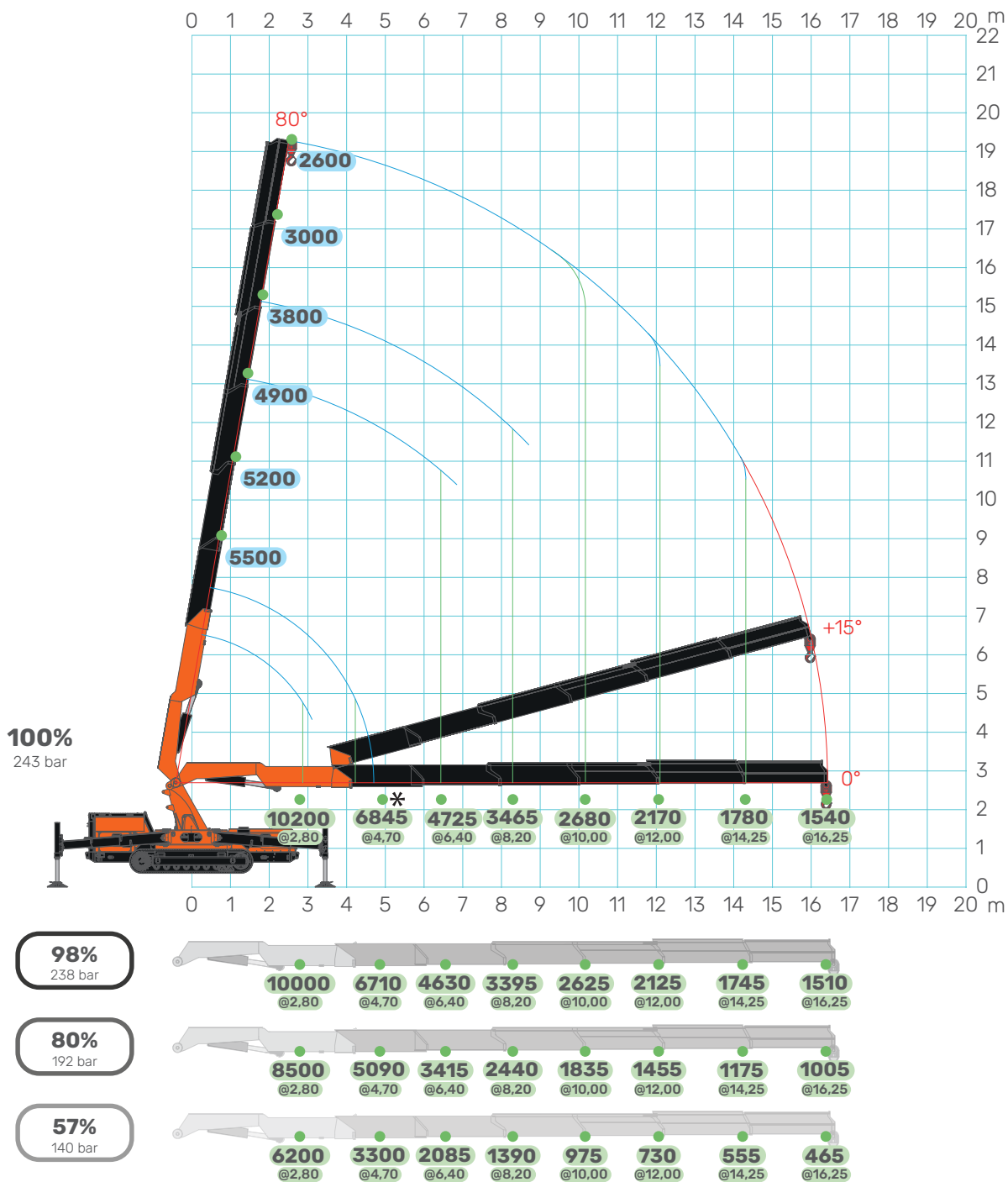


[m] [kg]

JF545.2 CDH

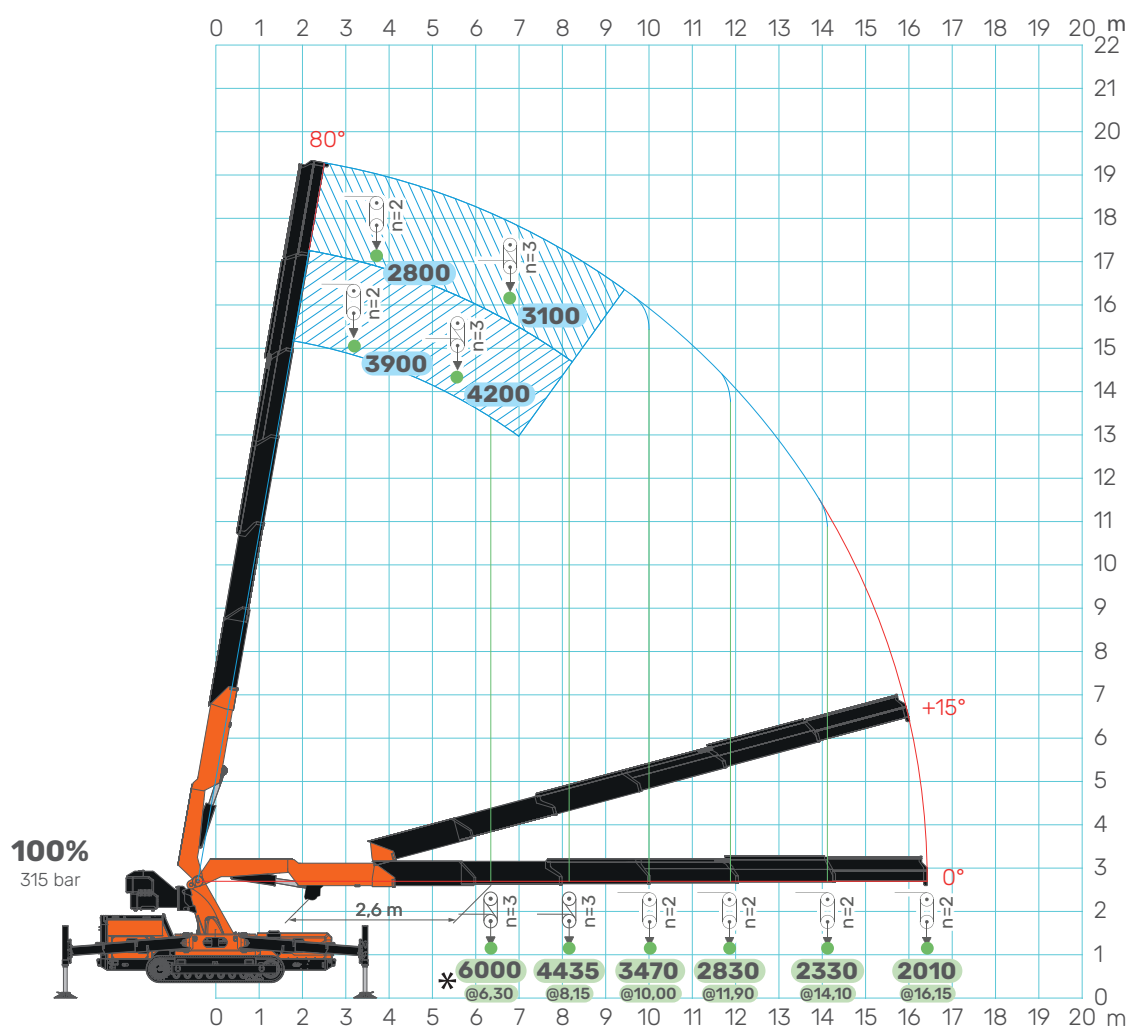
Main boom diagram

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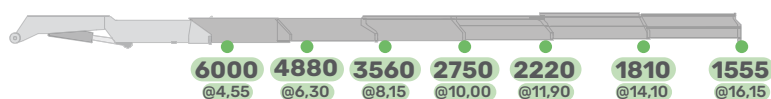


[m] [kg]

Main boom diagram



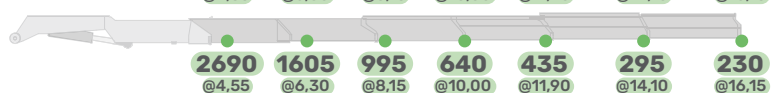
80%
252 bar



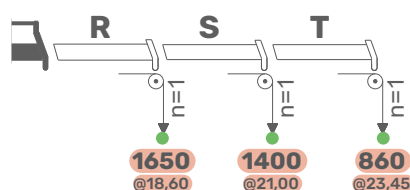
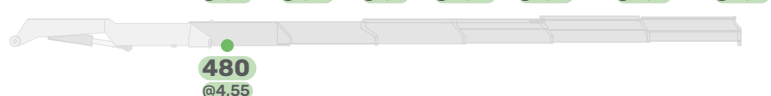
60%
189 bar



40%
126 bar



20%
63 bar

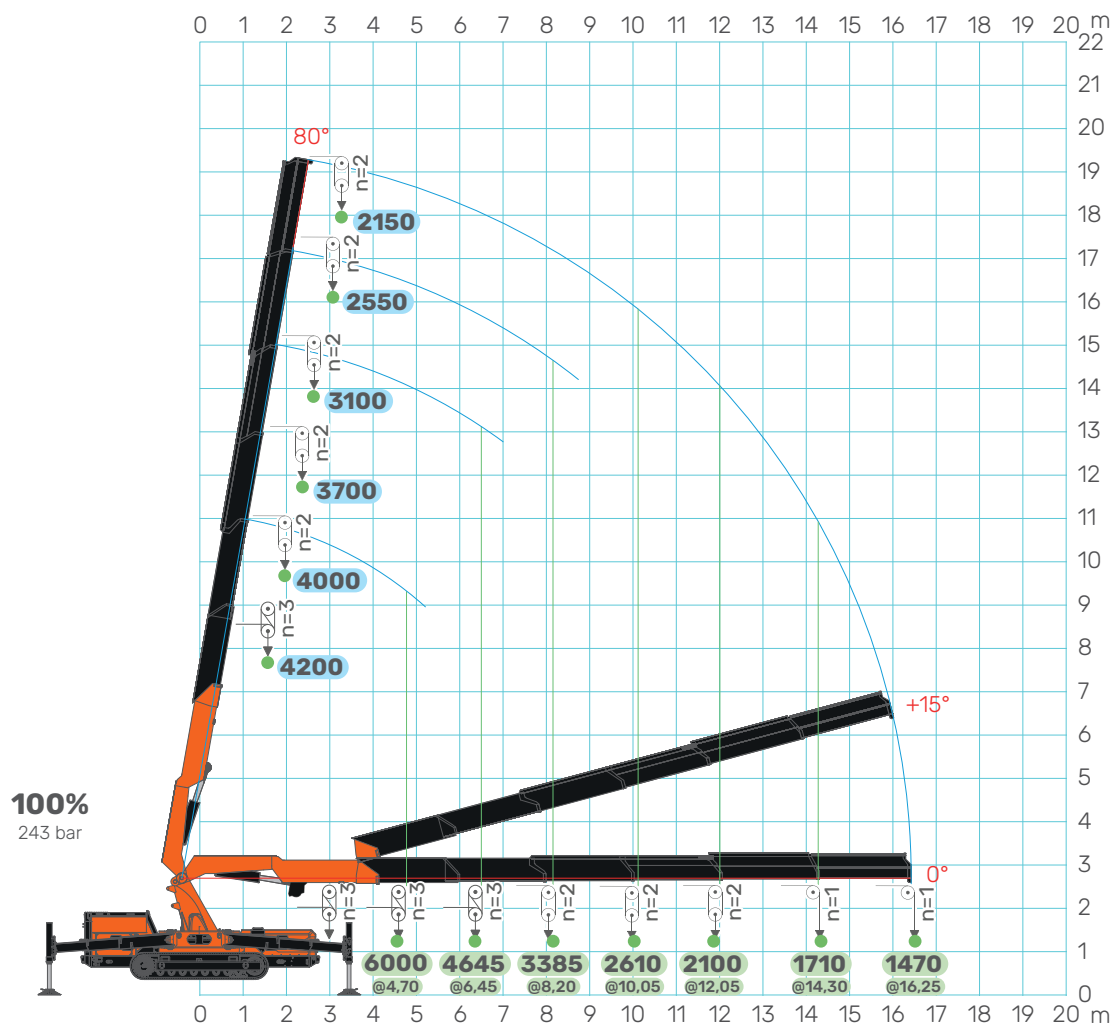


[m] [kg]

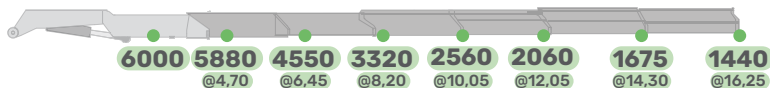
JF545.2 CDH

Main boom diagram

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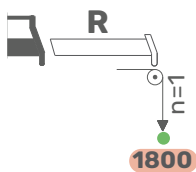
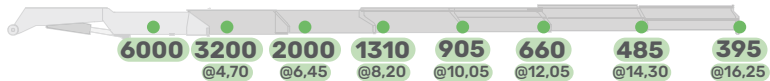
98%
238 bar



80%
192 bar

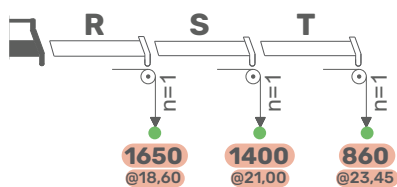
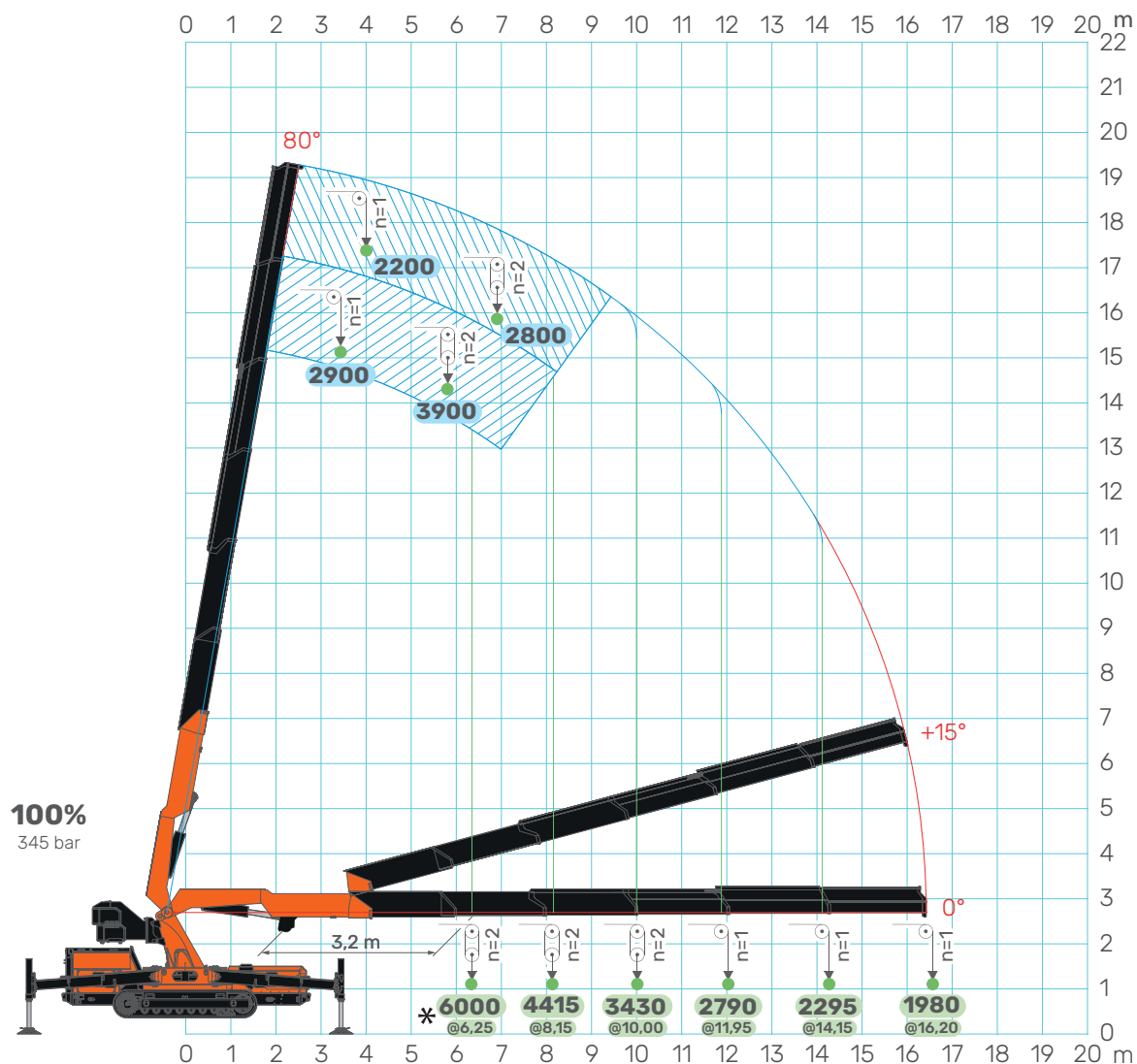


57%
140 bar



[m] [kg]

Main boom diagram

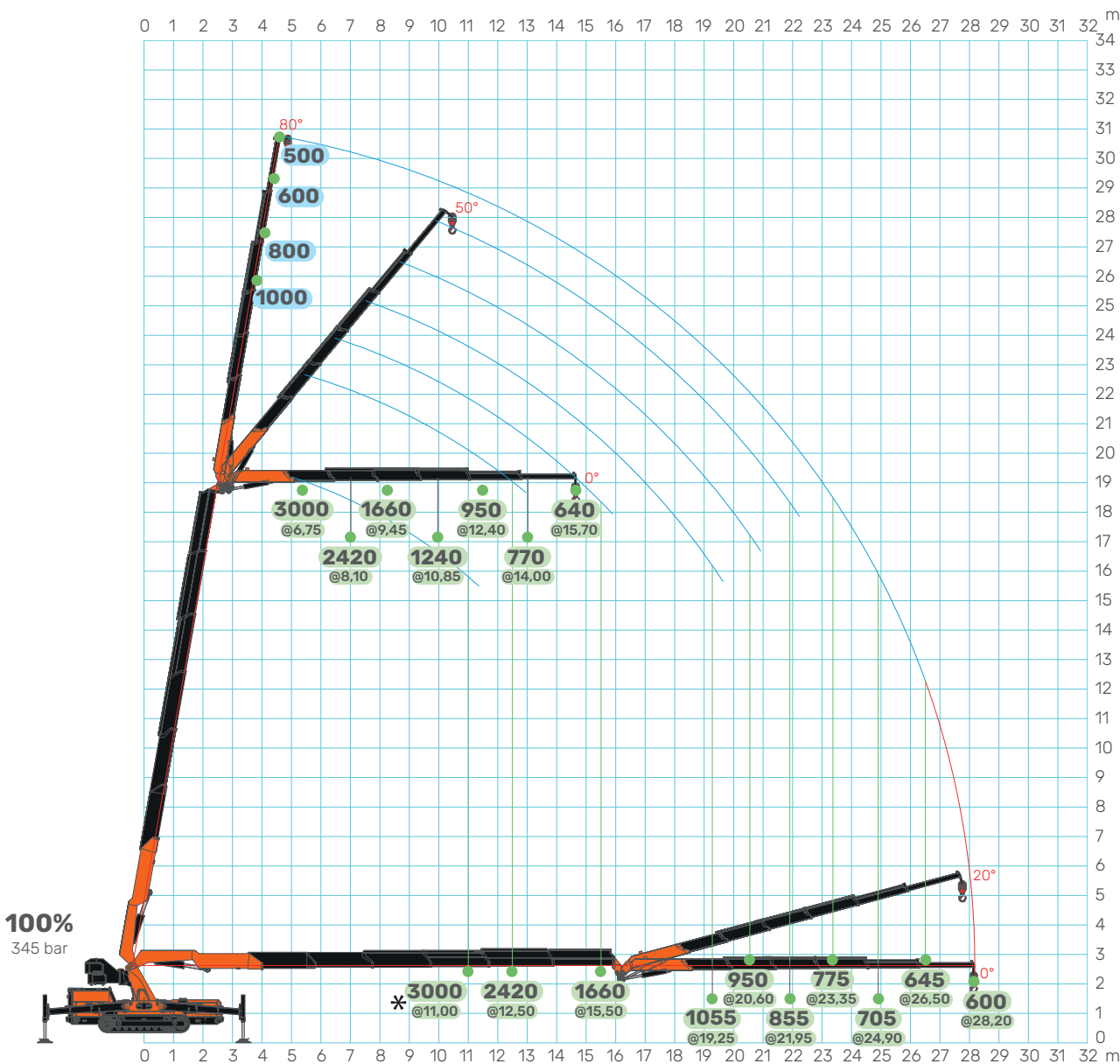


JF545.2 CDH

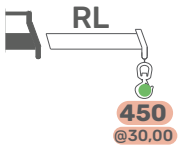
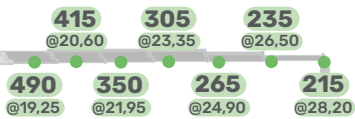
JIB3000.6HA diagram

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JIB3000.6HA

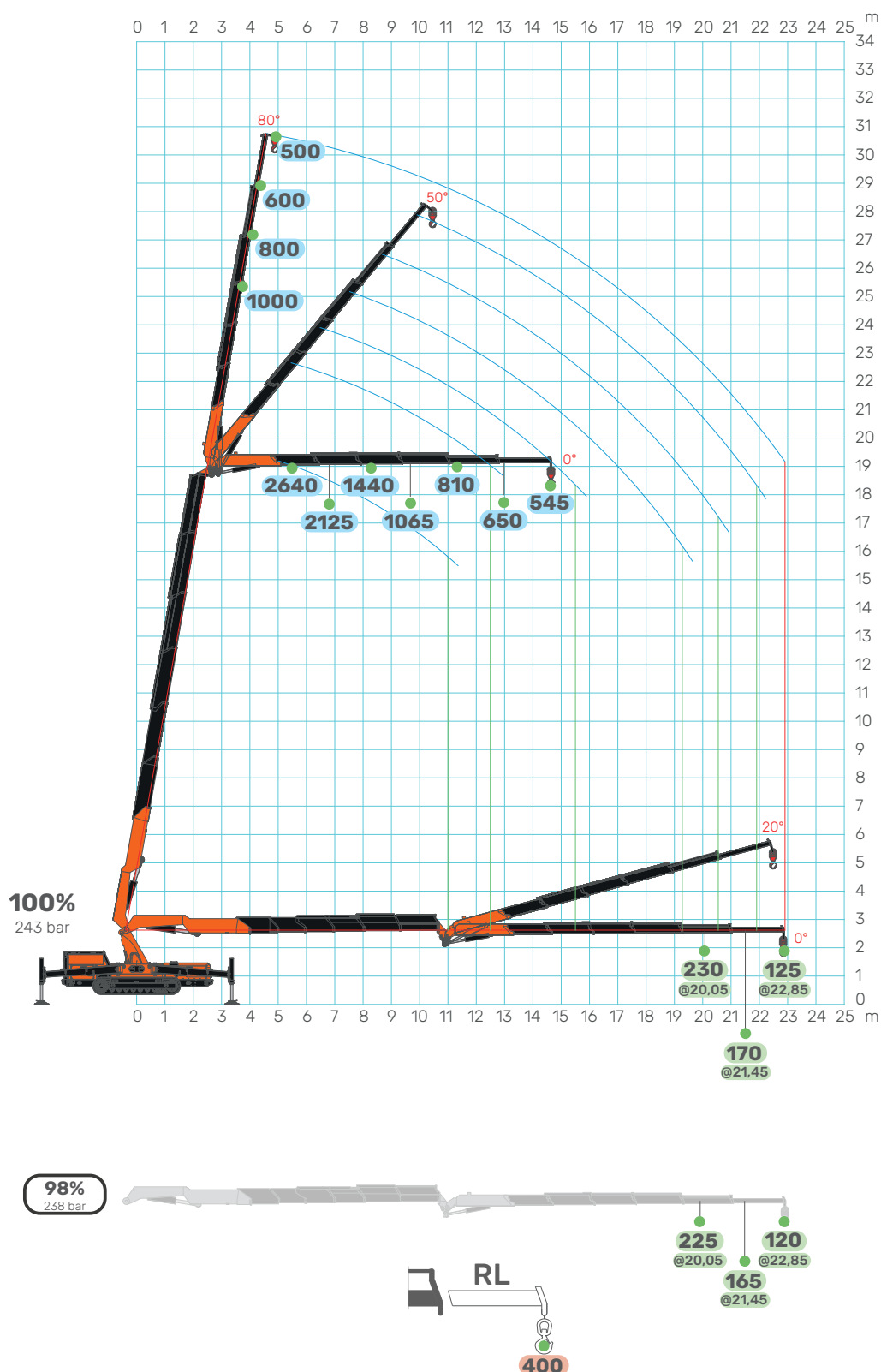


80%
276 bar



The load chart refers to the crane in deflection condition.

[m] [kg]



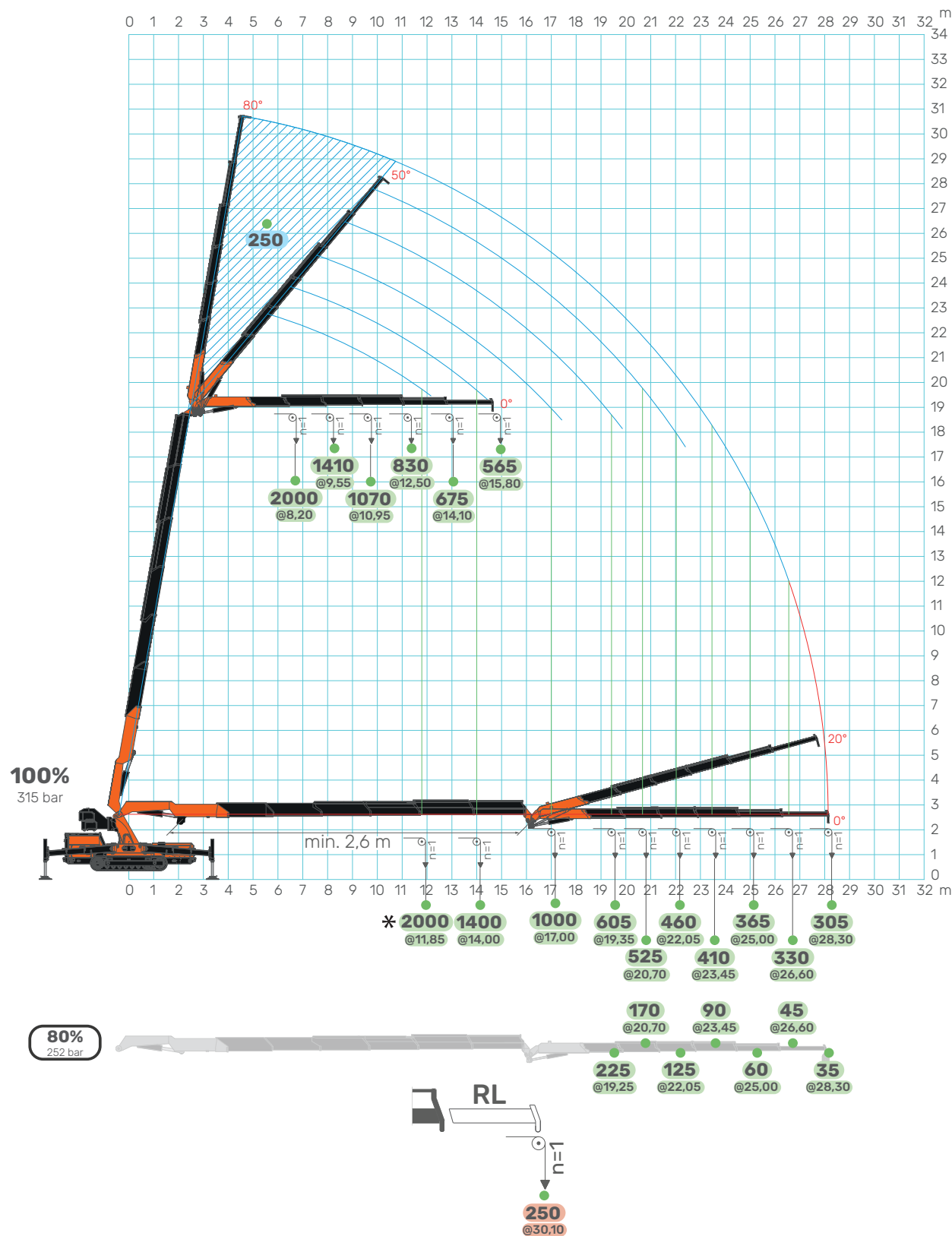
[m] [kg]

The load chart refers to the crane in deflection condition.

JF545.2 CDH

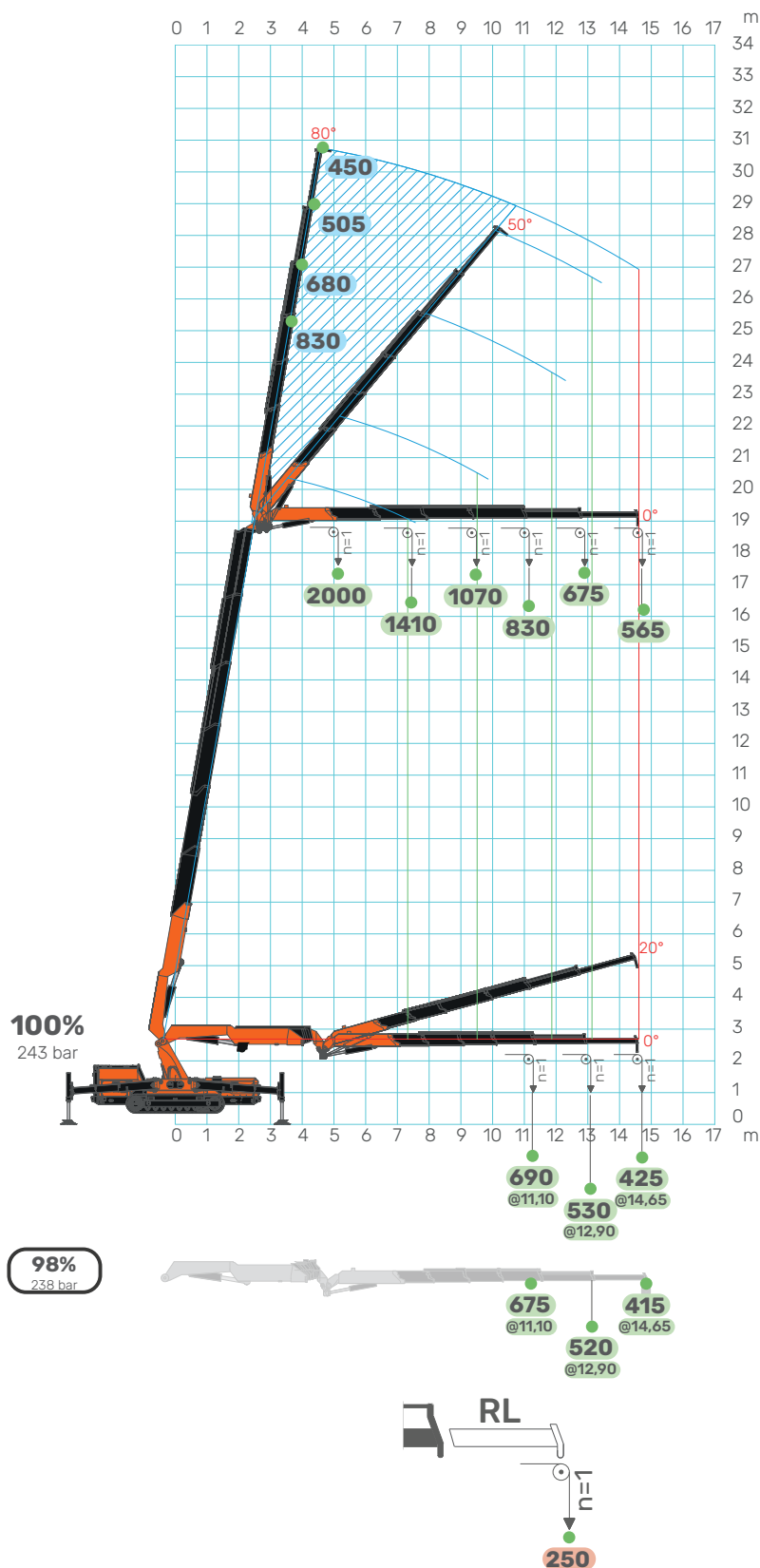
JIB3000.6HA diagram

08.09.2026 | REV0.3



The load chart refers to the crane in deflection condition.

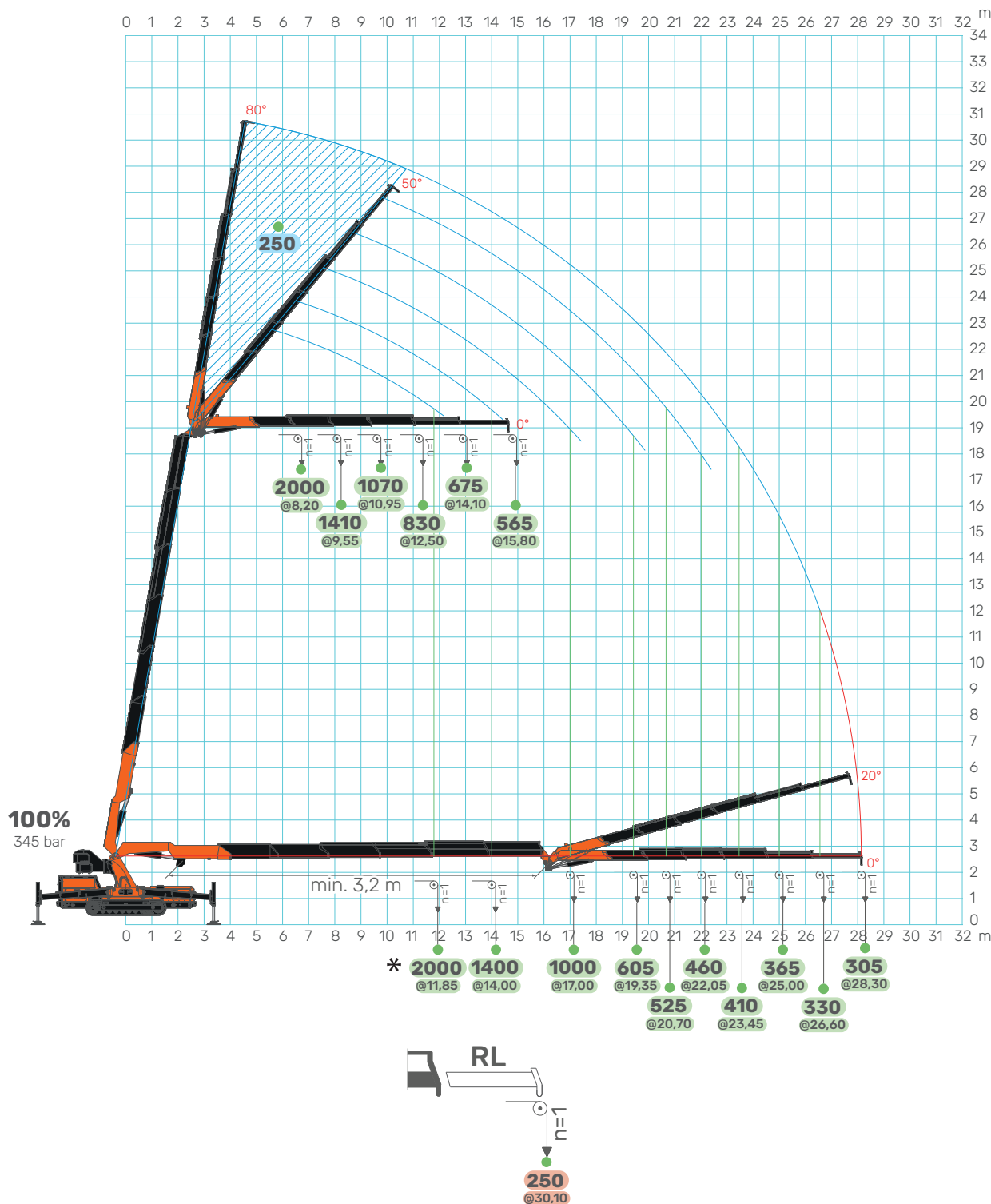
[m] [kg]



JF545.2 CDH

JIB3000.6HA diagram

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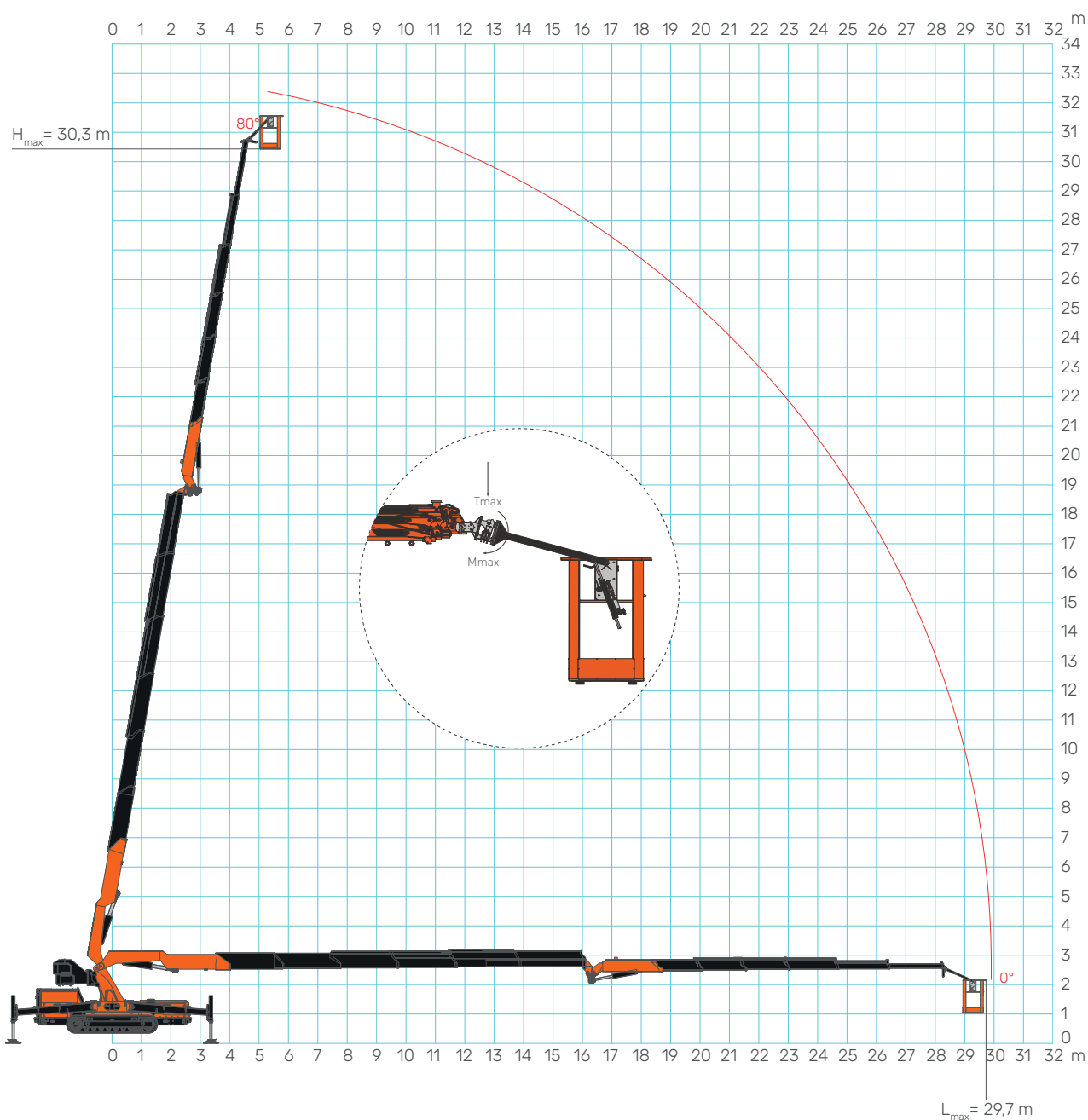


The load chart refers to the crane in deflection condition.

[m] [kg]

One-men basket diagram

PLE



PLE



MWP-1PG.JIB3000.6HA

Max Capacity

kg

120

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

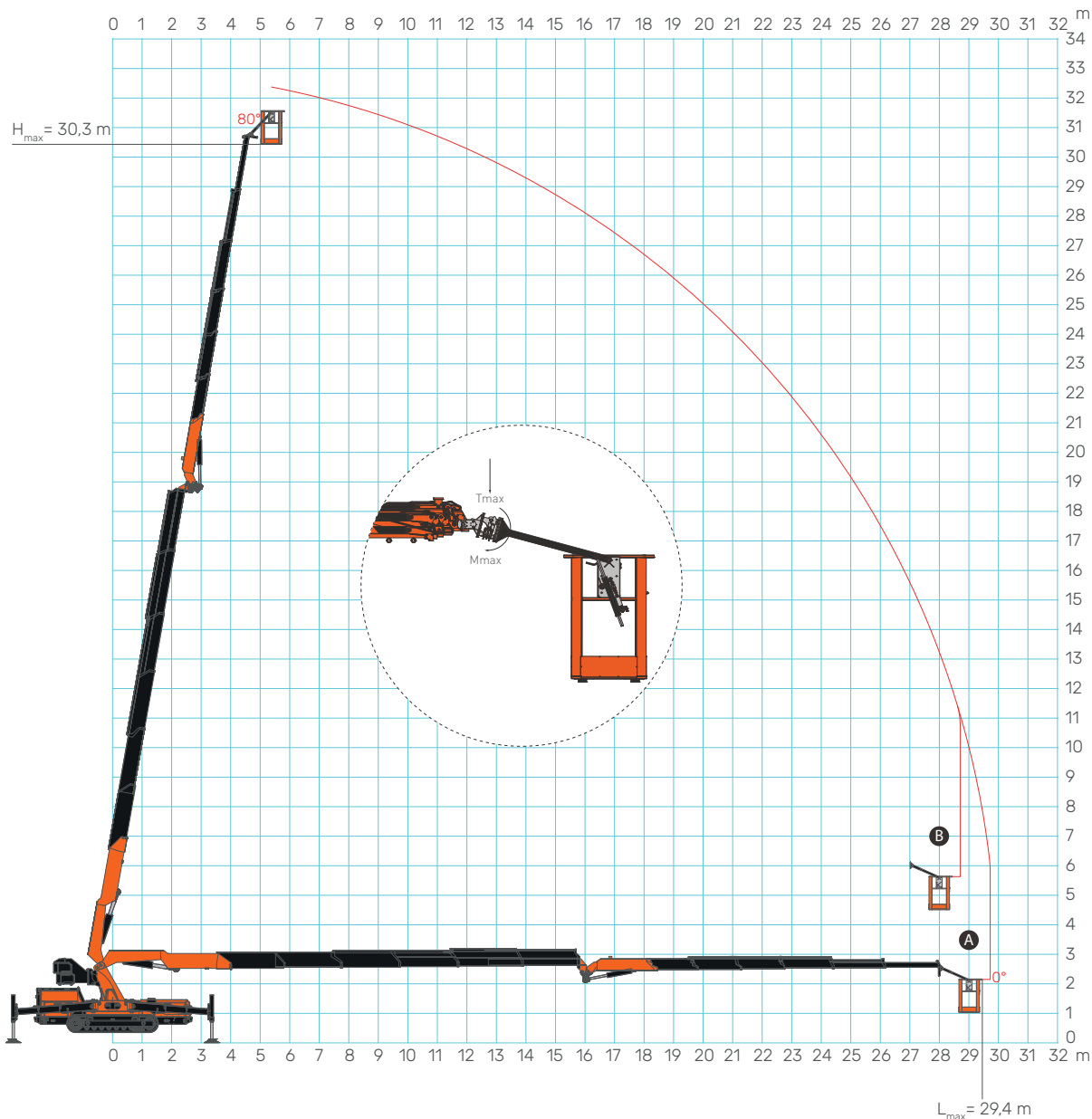
[2]: The crane is equipped with LMI. The maximum reachable distance may vary by about 1 m.

[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

08.09.2026 | REV0.3



PLE



MWP-2PG.JIB3000.6HA

MWP-2PG-S.JIB3000.6HA

MWP-2PG-A.JIB3000.6HA

MWP-2PG.JIB3000.6HA

MWP-2PG-S.JIB3000.6HA

MWP-2PG-A.JIB3000.6HA

With activation

Max Capacity

kg

200

Without activation

Max Capacity

kg

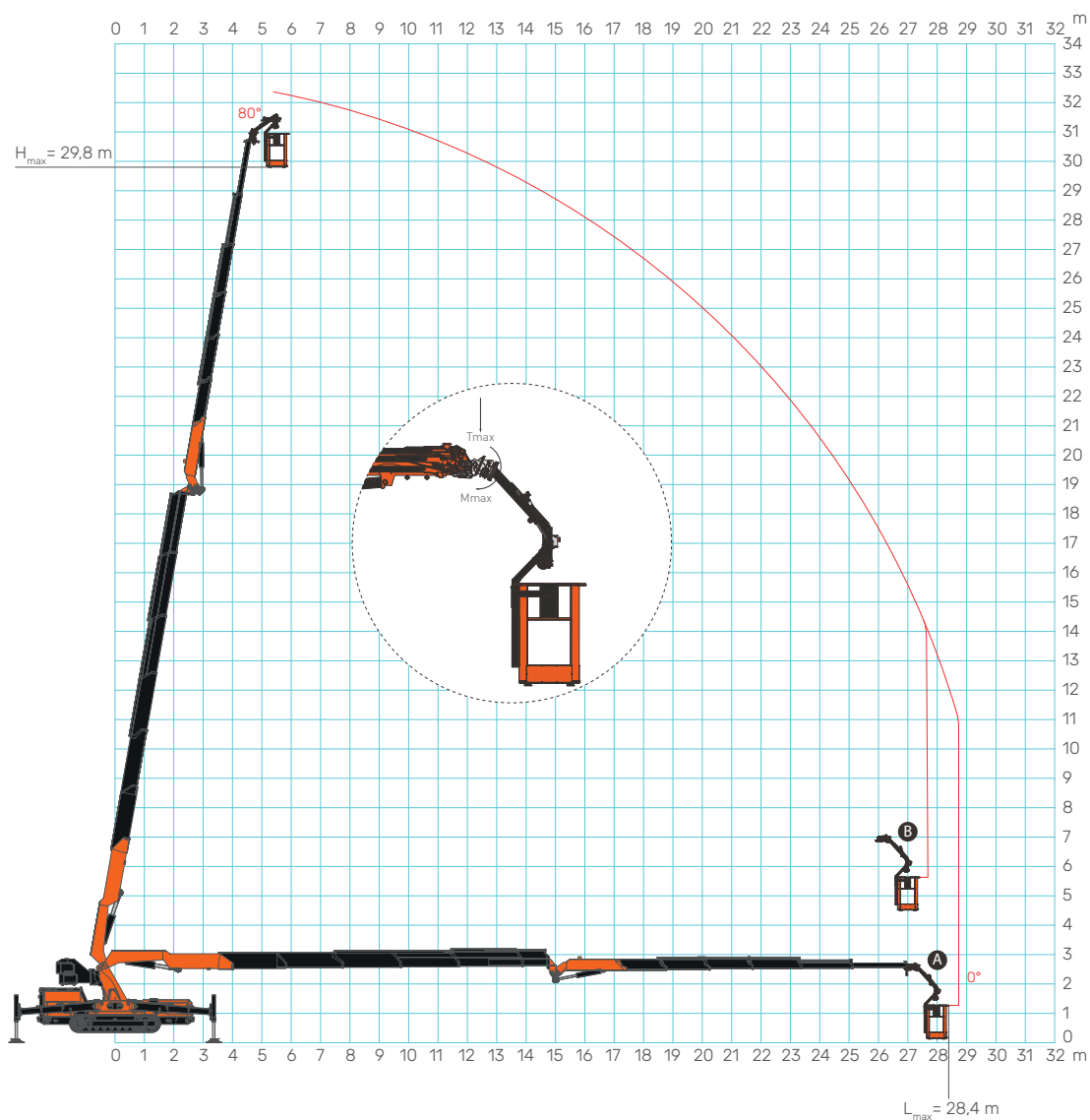
200

[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 1 m.

[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	kg	200
	MWP-2PGR-S.JIB3000.6HA				
	MWP-2PGR-A.JIB3000.6HA				
	MWP-2PGR-VE.JIB3000.6HA				
	MWP-2PGR.JIB3000.6HA	Without activation	Max Capacity	kg	200
	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.

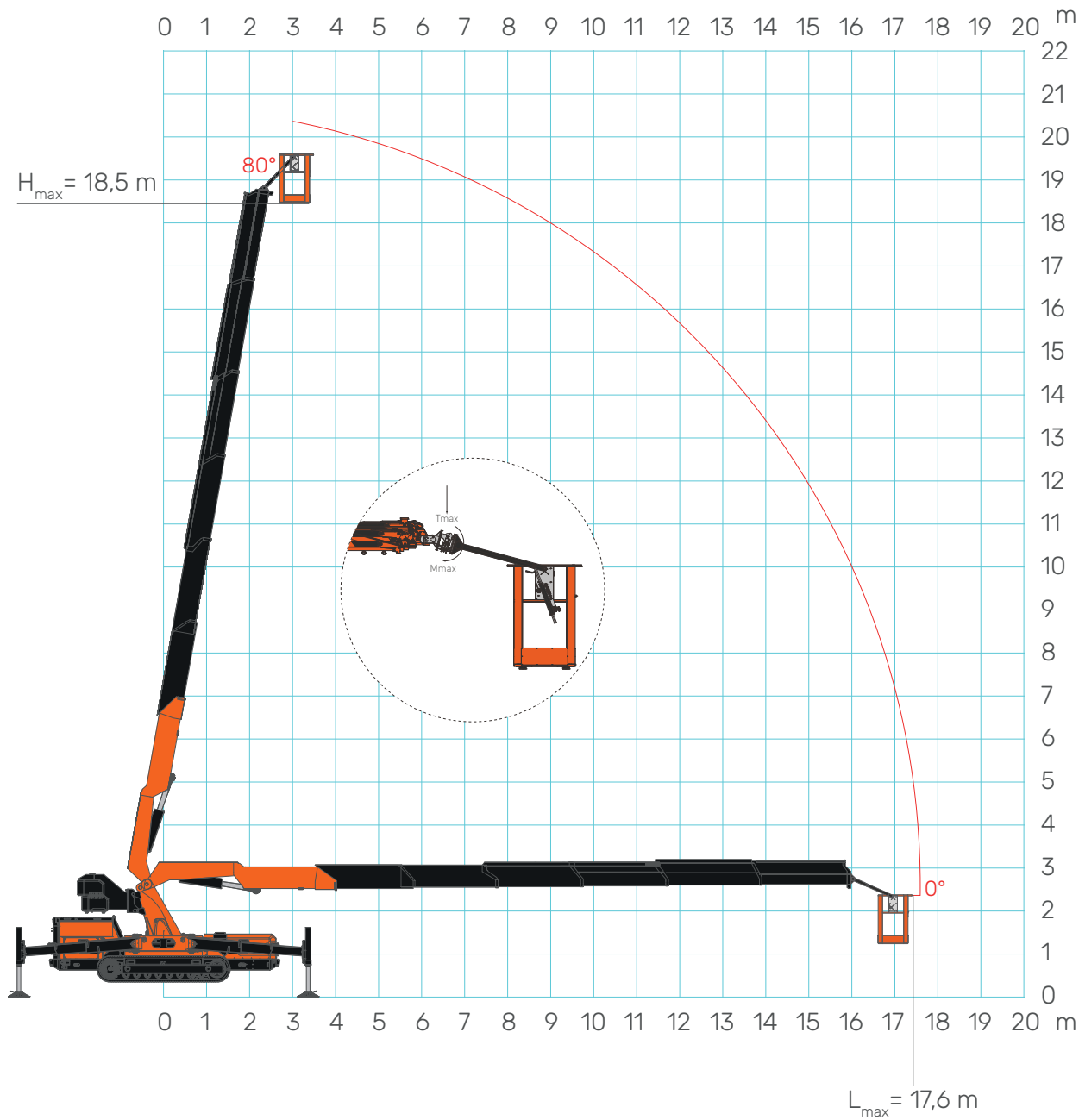
[2]: The crane is equipped with LMI. The maximum reachable distance may vary by about 1 m.

[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

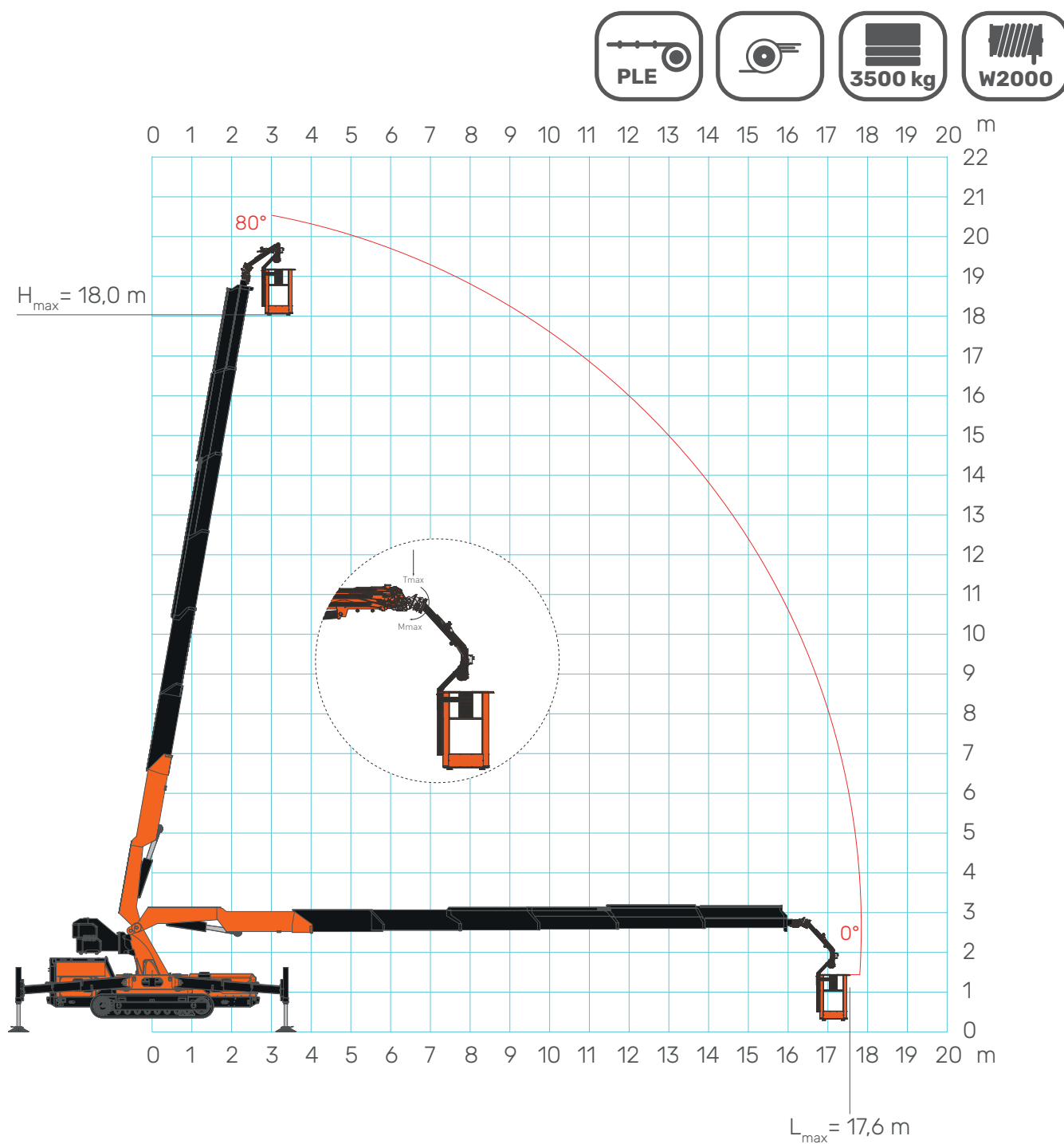
kg

200

^[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 1 m.

Two-men rotating basket diagram - Main boom



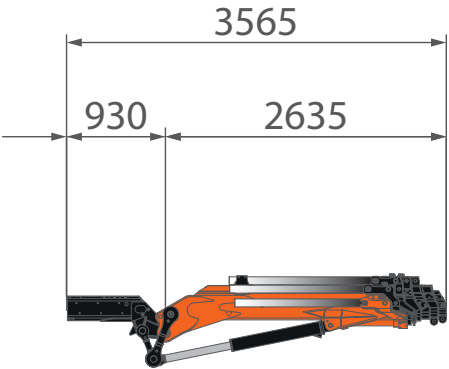
PLE		MWP-2PGR.JF545.2	Max capacity	kg	200
-----	---	------------------	--------------	----	-----

[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 1 m.

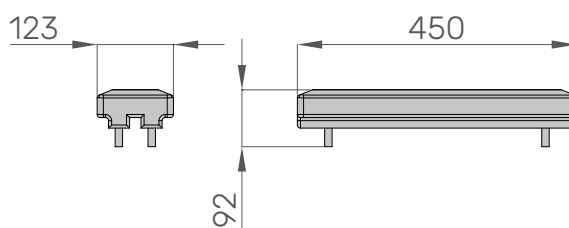
ACCESSORIES

JIB3000.6HA

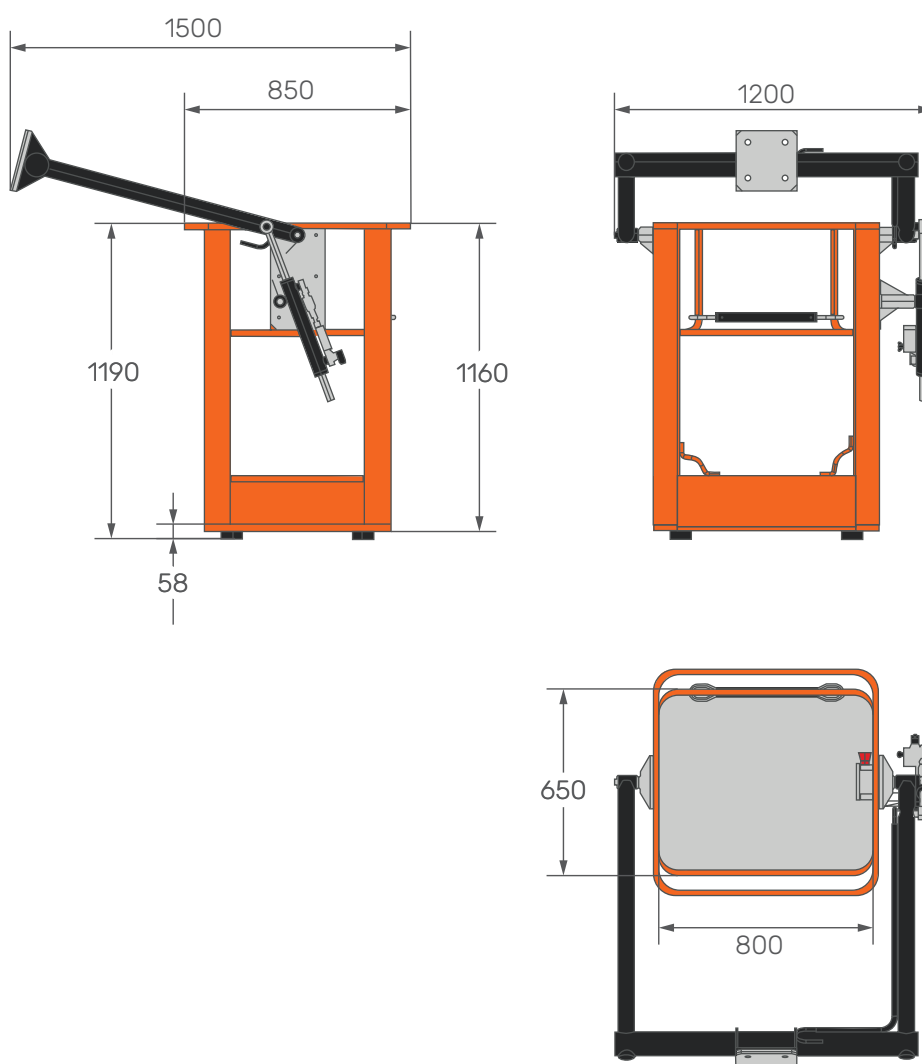


WEIGHT		JIB	JIB3000.6HA	With activation	kg	1.260
				Without activation		1.140

MTP-JFM



MWP-1PG.JIB3000.6HA



WEIGHT



PLE

MWP-1PG.JIB3000.6HA

kg

133

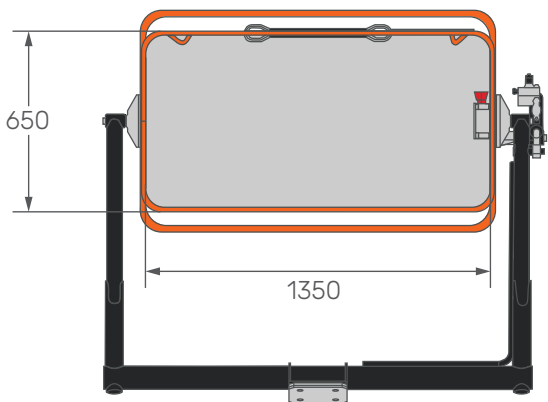
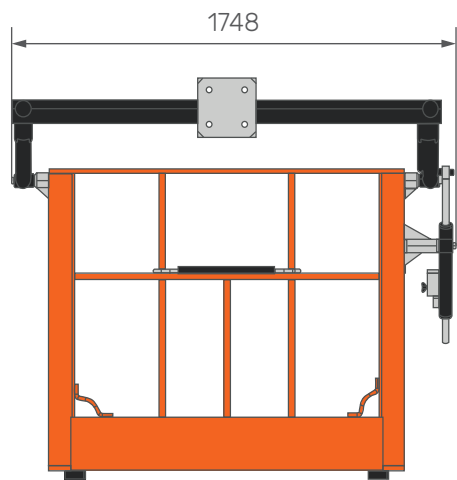
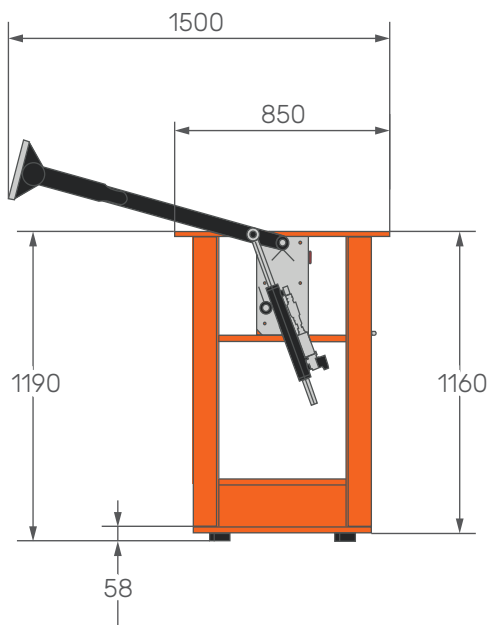
[mm]

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

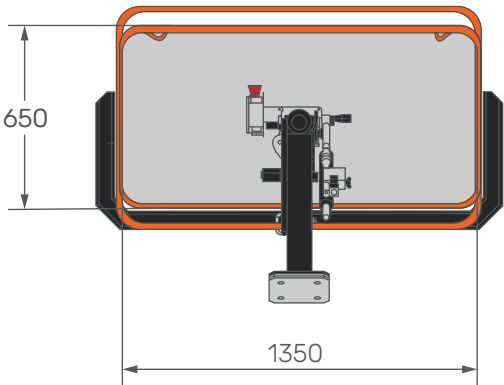
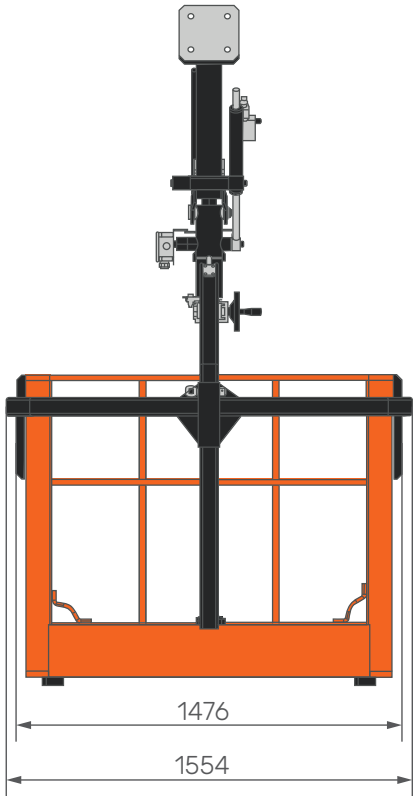
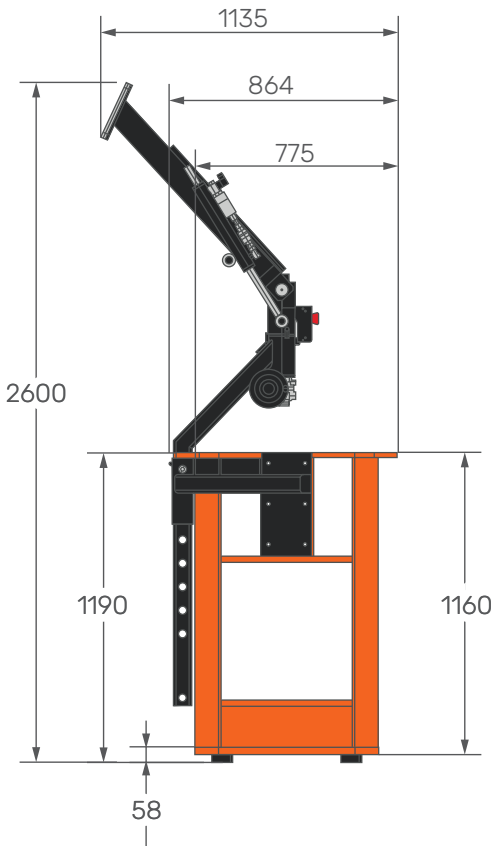


WEIGHT				
		PLE	MWP-2PG.JIB3000.6HA	160
				133
				149

[mm]

Two-men rotating basket features

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



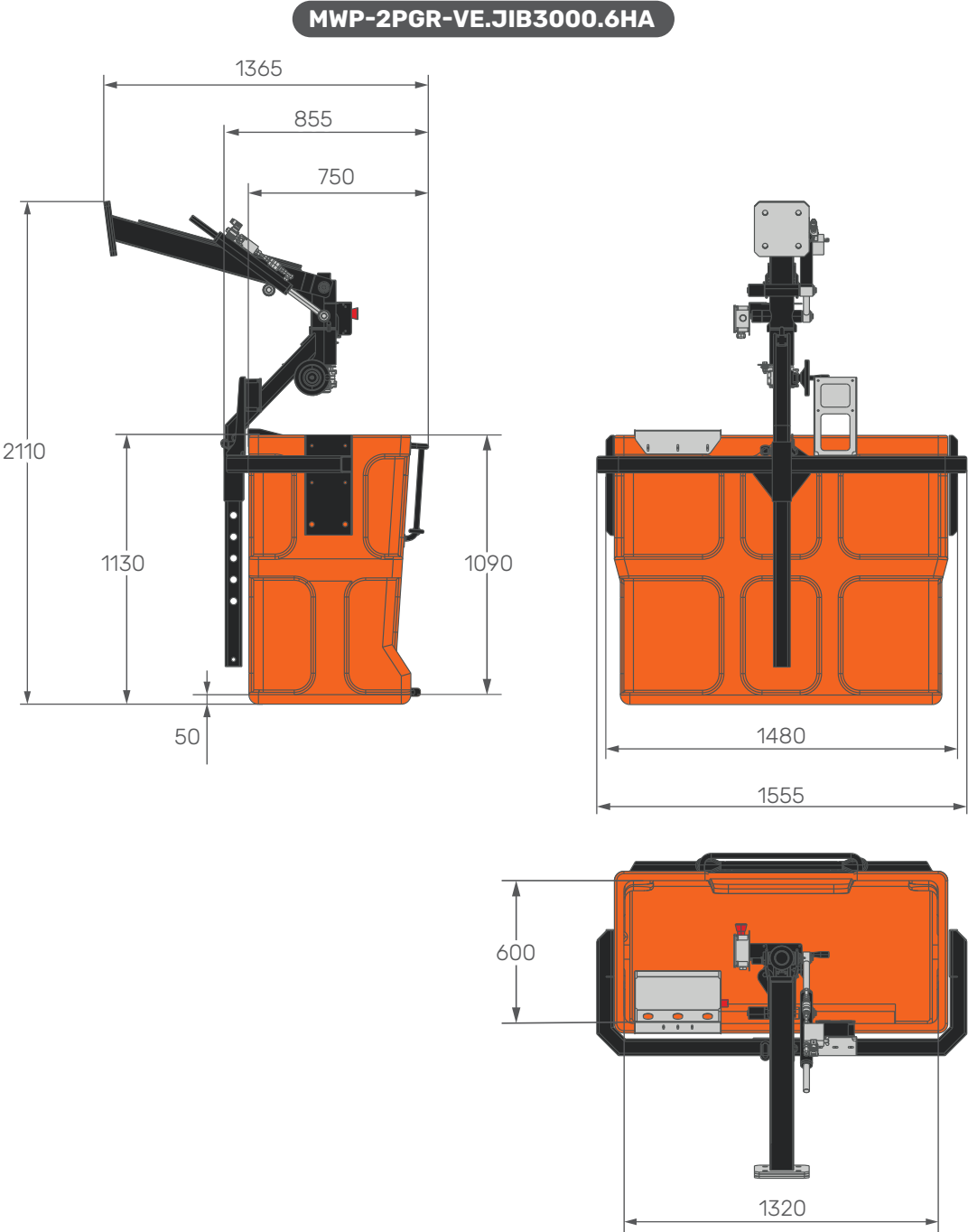
WEIGHT				kg	
		PLE	MWP-2PGR.JIB3000.6HA		207
			MWP-2PGR-A.JIB3000.6HA		173
			MWP-2PGR-S.JIB3000.6HA		190

[mm]

JF545.2 CDH

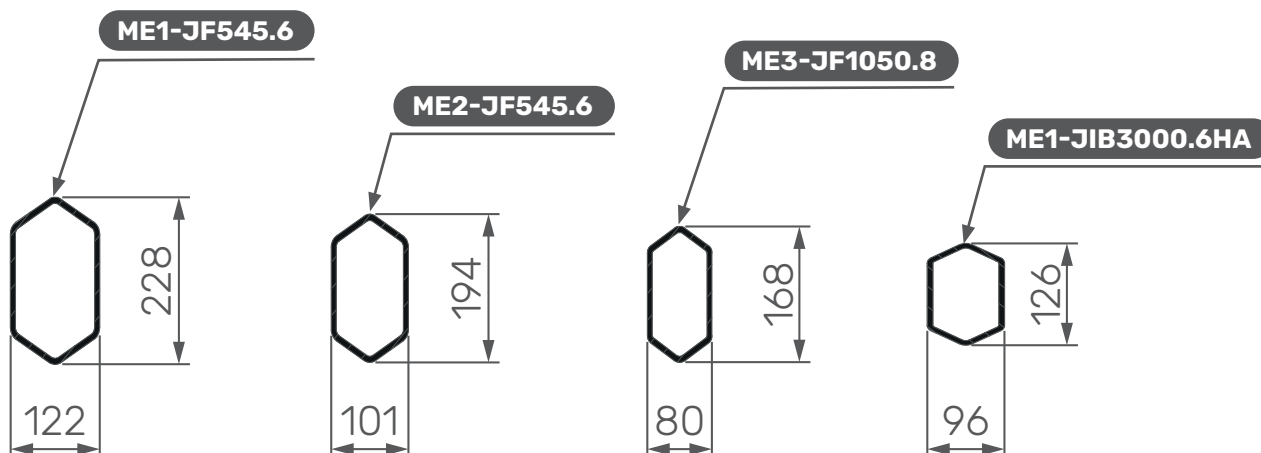
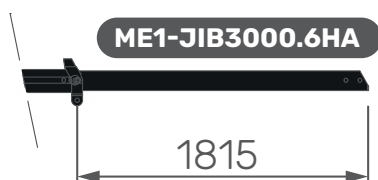
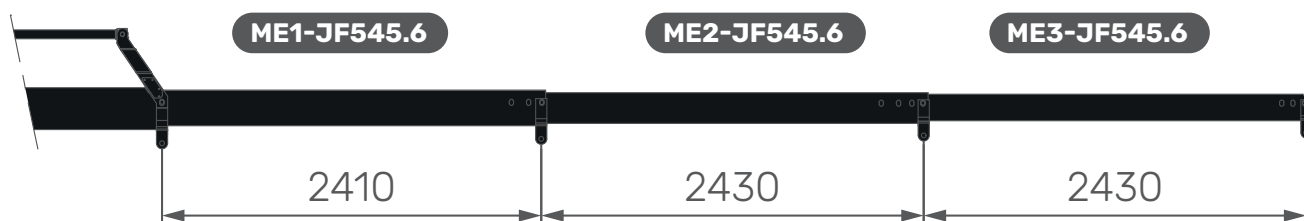
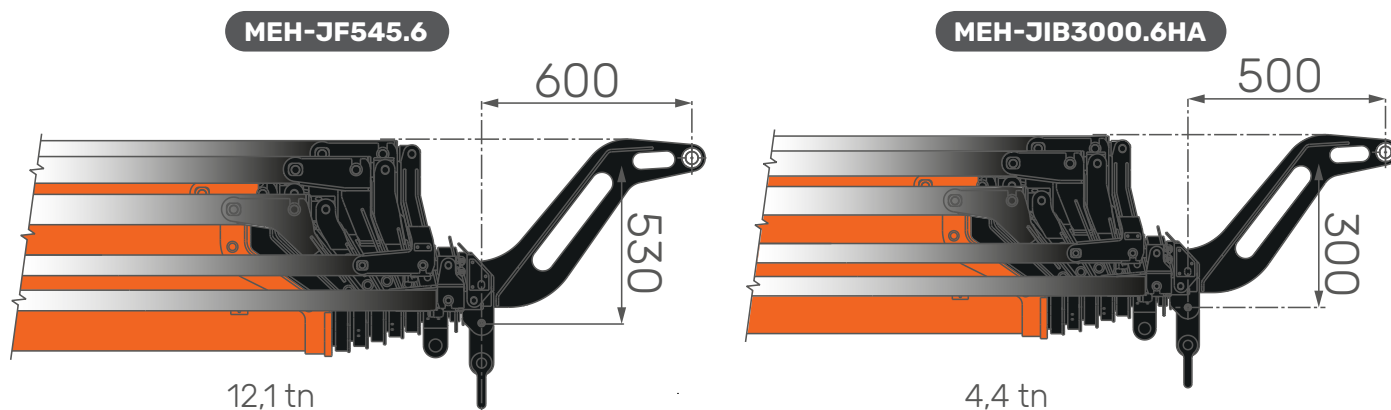
Two-men rotating basket features

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WEIGHT					
		PLE	MWP-2PGR-VE.JIB3000.6HA	kg	185

[mm]



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 kg.
- 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:



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