Technical Data

Specifications & Capacities

JF1050CDH

Translation of the original instructions

[m] [kg]

19.11.2026 | REV0.2

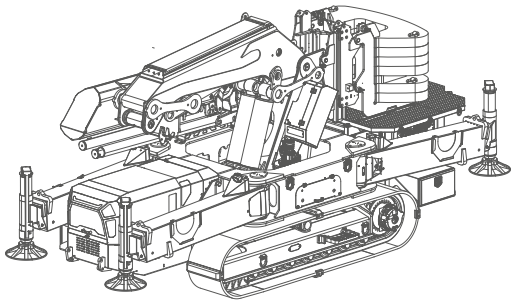
CE

EN 12999:2020

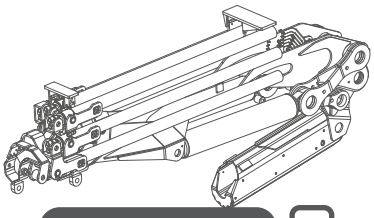
INDEX

Index 2
Crane configuration 3
Overall dimensions 4
Overall information 5
Winch rope maximum reach 9
Stability areas 10
Outriggers 11
Tipping line - Load chart selection 12
Pressure charts 13
Main boom load chart 15
JIB6500.6HA load chart 18
One-man basket chart 22
Two-men basket chart 23
Two-men rotating basket chart 24
JIB6500.6HA features 25
One-man basket features 26
Two-men basket features 27
Two-men rotating basket features 28
Symbols 30

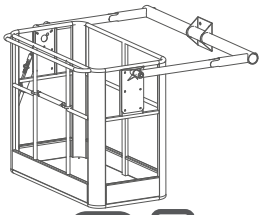
CRANE CONFIGURATION



JF1050CDH ☐

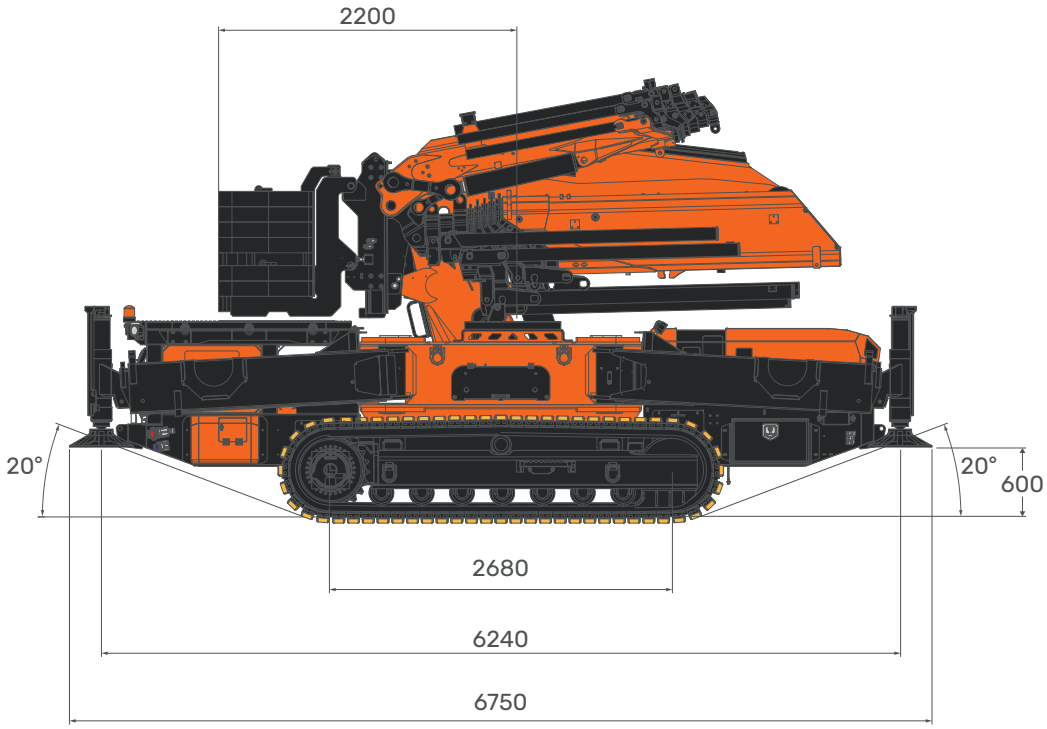


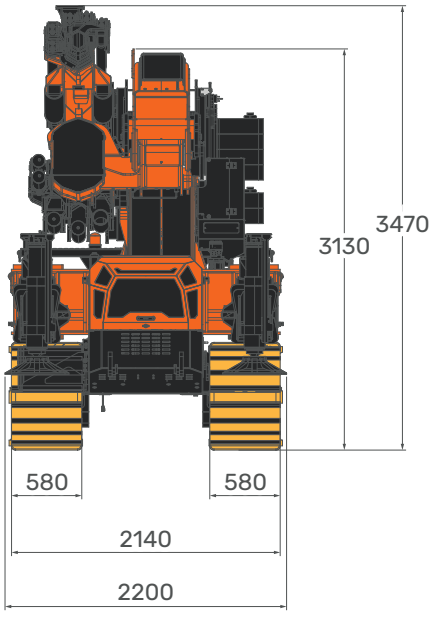
JIB6500.6HA ☐



PLE ☐

OVERALL DIMENSIONS





[mm]

OVERALL INFORMATION

CRANE INFO

	DESCRIPTION	U.M.	VALUE
OVERALL DIMENSIONS	Height	mm	3.130
	Length		6.750
	Width		2.200
BOOM	Length	m	4,6/19,75
	Speed	s	58 [1] (4,6/19,75)
SLEWING	Angle	°	360°
	Speed	rpm	0,67
LIFTING	Working Angle	°	0°/80°
	Speed	s	25 (0°/80°)
MAX CAPACITY		kg	22.000
MAX OUTRIGGERS MAX LOAD		daN	30.675[2]
TRACK LOAD (STANDARD CONFIGURATION)		kg/cm²	0,72
TRAVEL SPEED	Slow	km/h	-
	Fast		-
MAX GRADEABILITY (CLOSED TRACKS)		°	-° (-%)
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

JF1050CDH

Overall information

WEIGHT

CRANE	Standard Configuration	kg	21.475[1][2]
COUNTERWEIGHT	CW-1	kg	3.000
	CW-2		2.000

HOOKBLOCKS

HOOKBLOCK	Single Fall	kg	73
	Double Fall		71
	Triple Fall		74
	Jib Single Fall		84

ACCESSORIES

JIB	JIB6500.6HA	With activation	kg	1.360
		Without activation		1.220
WINCH	W2000-JFM		kg	200
	W3000-JFM-JFX			320
MANUAL EXTENSIONS	ME1-JF1050.8		kg	114
	ME2-JF1050.8			87
	MEH-JF1050.8			171
	ME1-JIB6500.6			36
	ME2-JIB6500.6			25
	ME3-JIB6500.6			16
	MEH-JIB6500.6			22
POWERPACK	PP400.13 - PP480.13		kg	80
OUTRIGGERS MATS	OM500.1 (x4)		kg	92
LOW MARKING PADS	WTP-JFX (x92)		kg	685
PLE	MWP-1PG.JIB6500.6HA		kg	133
	MWP-2PG.JIB6500.6HA			160
	MWP-2PG-A.JIB6500.6HA			133
	MWP-2PG-S.JIB6500.6HA			149
	MWP-2PGR.JIB6500.6HA			207
	MWP-2PGR-A.JIB6500.6HA			173
	MWP-2PGR-S.JIB6500.6HA			190

[1]: Dry weight

[2]: Estimated fluids weight = 285 kg

ENGINE

ENGINE	Power Supply	Diesel	
	Power	kW	55,4
		HP	75
	Tank Capacity	L	61

POWERPACK

POWER SUPPLY	PP400.13 (CE)	3 phase + N + PE		
	PP480.13 (UL-CSA)	3 phase + PE		
3-PHASE KIT	PP400.13 (CE)	Tension	V	400
		Frequency	Hz	50
		Motor Power	kW	13,5
	PP480.13 (UL-CSA)	Tension	V	480
		Frequency	Hz	60
		Motor Power	kW	13,5
BATTERY CHARGER	PP400.13 (CE)	Charge	V	12
			Ah	25
	PP480.13 (UL-CSA)	Charge	V	12
			Ah	25

HYDRAULIC SYSTEM

MAX WORKING PRESSURE		bar	325
TANK CAPACITY		L	274
HYDRAULIC SYSTEM CAPACITY		L	-
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

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	Ø	TOTAL LENGTH
	daN	mm	m
Anti twist 19x7 right lang lay	12.750	12	60

W3000-JFM-JFX



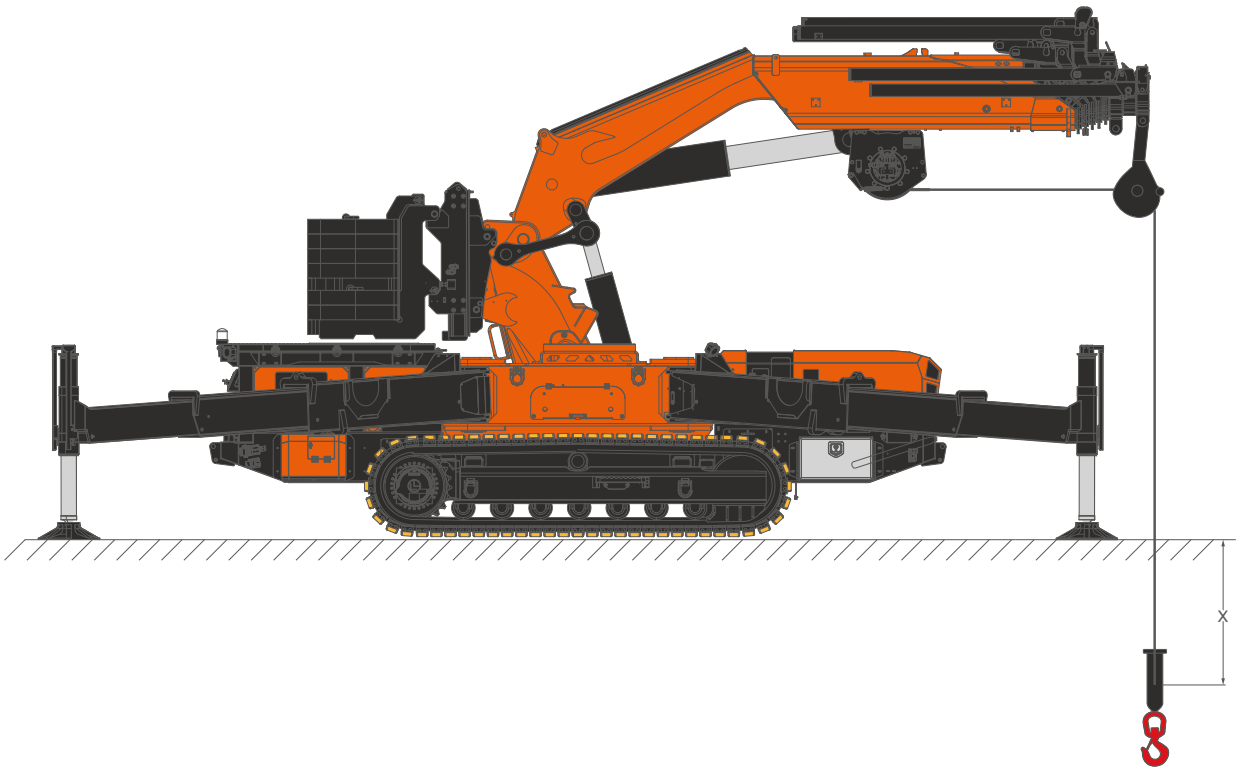
LAYER	MAX PULL LINE	ROPE SPEED
		STANDARD
	daN	m/min
1	3.000[1]	28
3	-[1]	36

ROPE

WIRE ROPE	BREAKING LOAD	Ø	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.

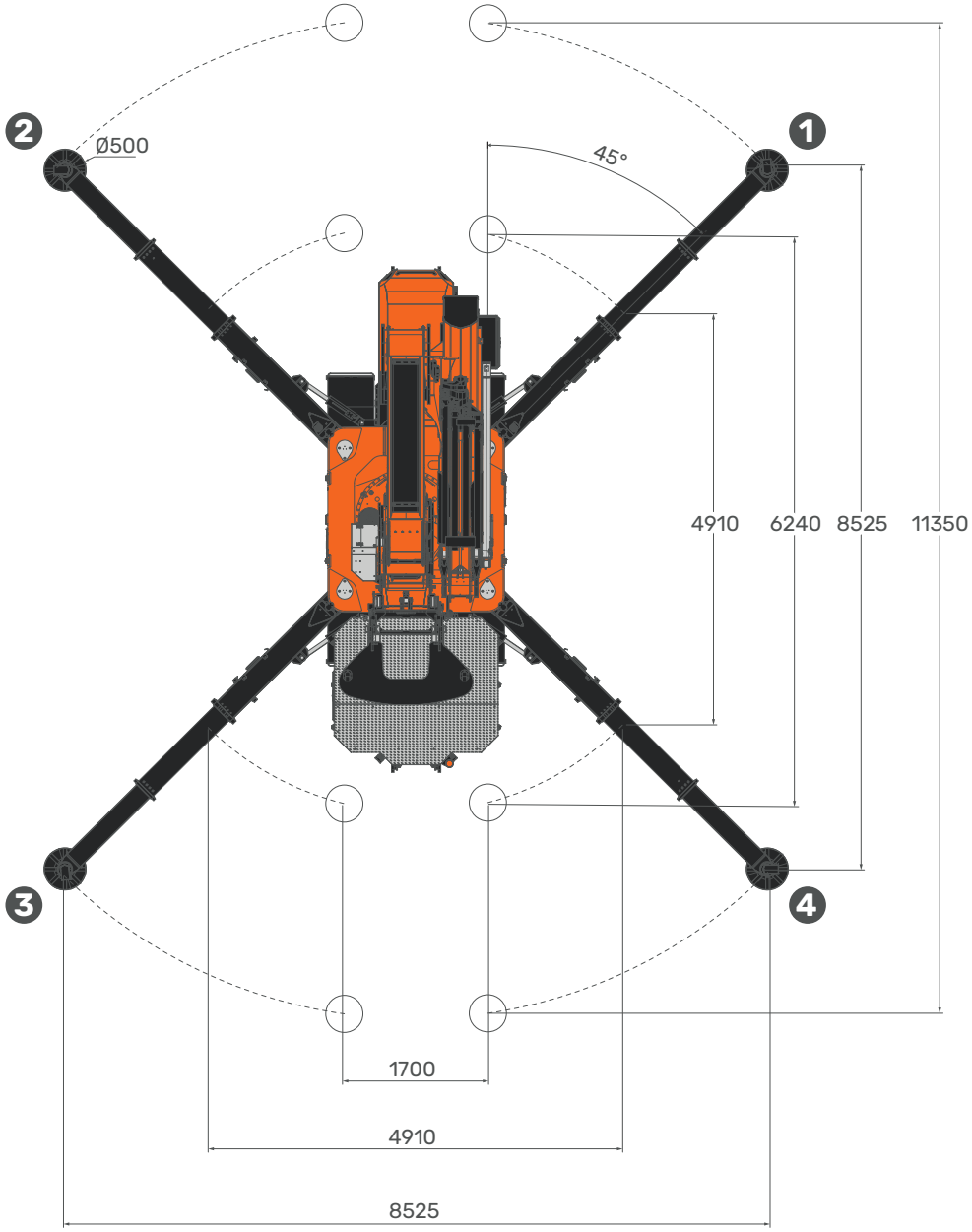
WINCH ROPE MAX REACH



ROPE

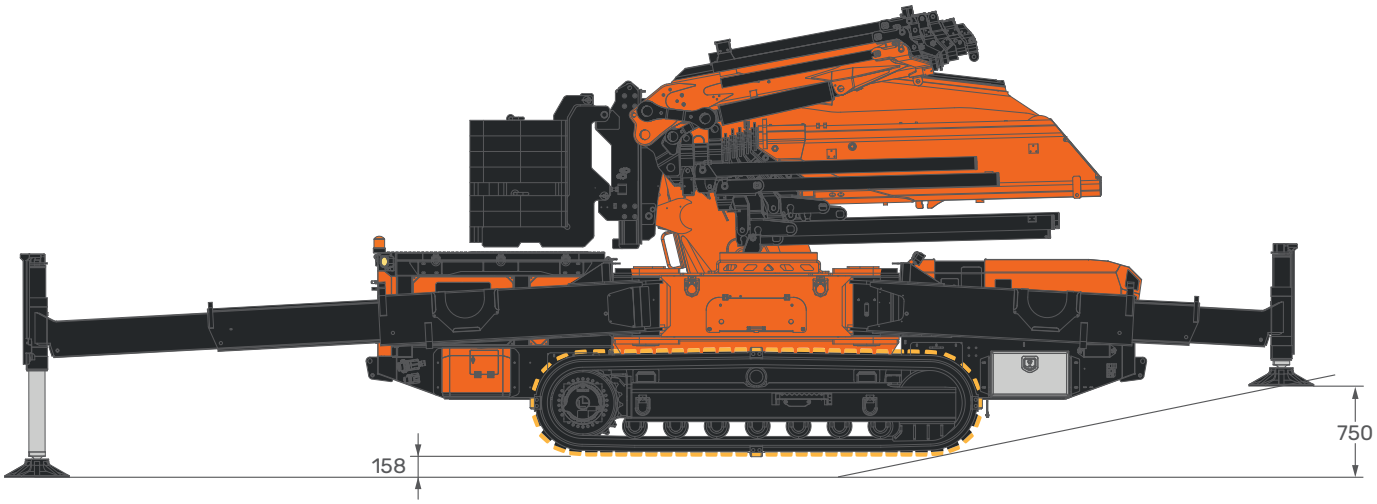
W2000-JFM	Parts of Line	1	m	51
		3		15
W3000-JFM-JFX	Parts of Line	1	m	50
		3		14

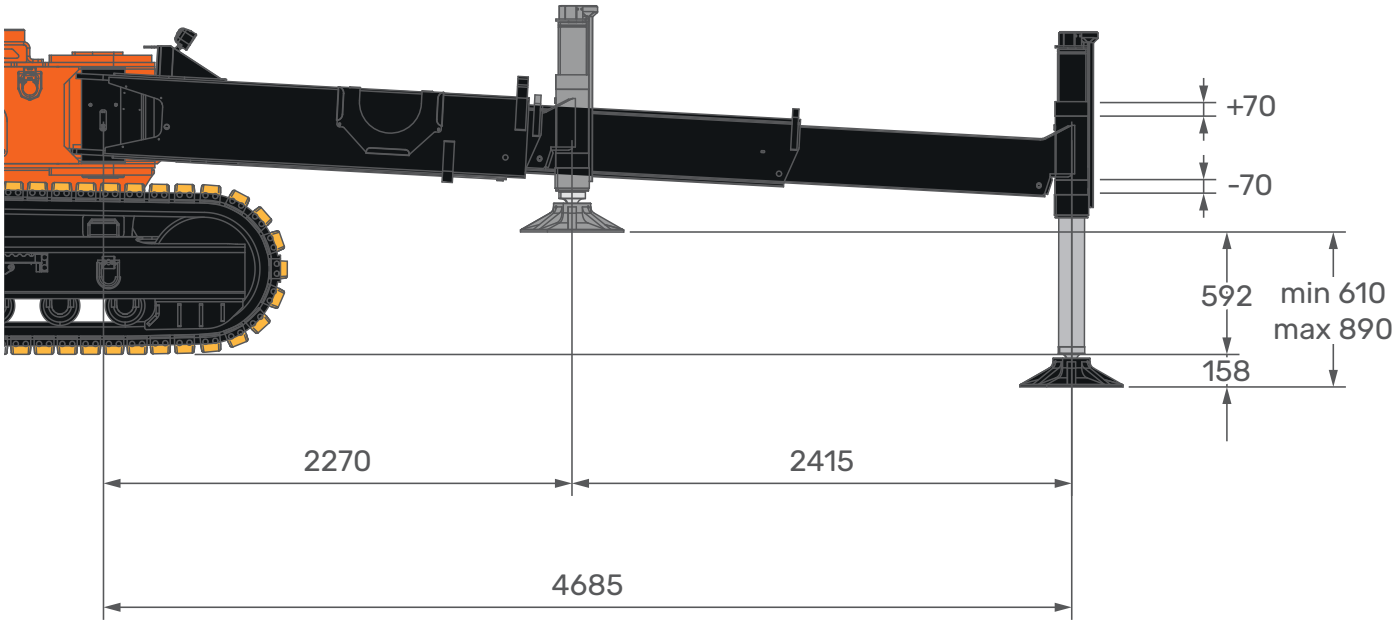
STABILITY AREAS



[mm]

OUTRIGGERS



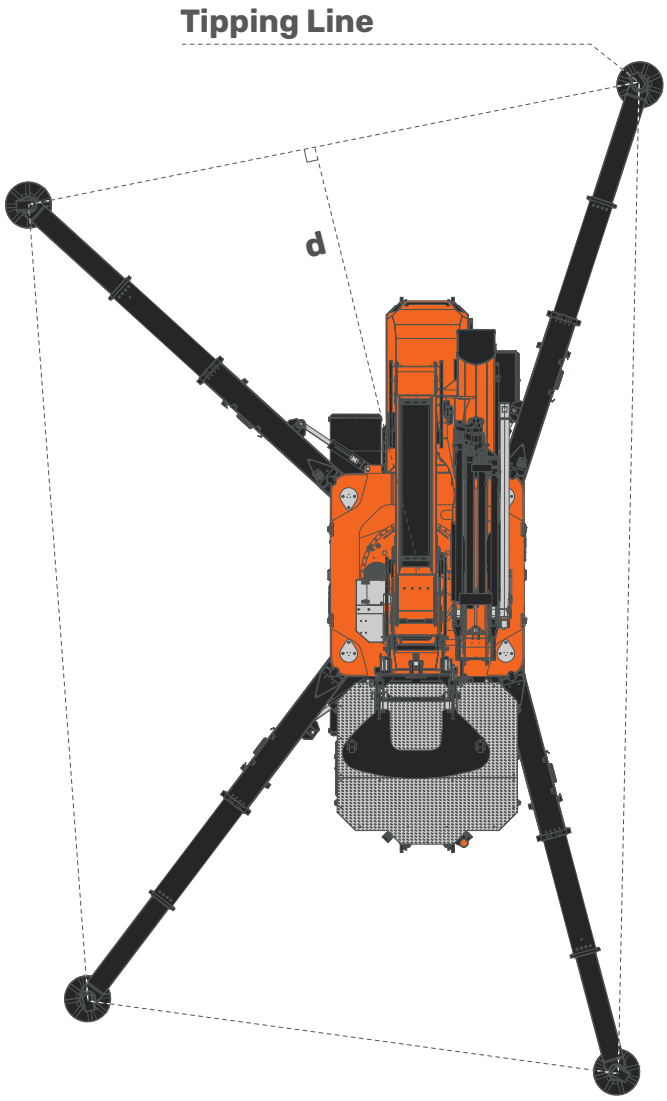


[mm]

JF1050CDH

Tipping line - Load chart selection

TIPPING LINE

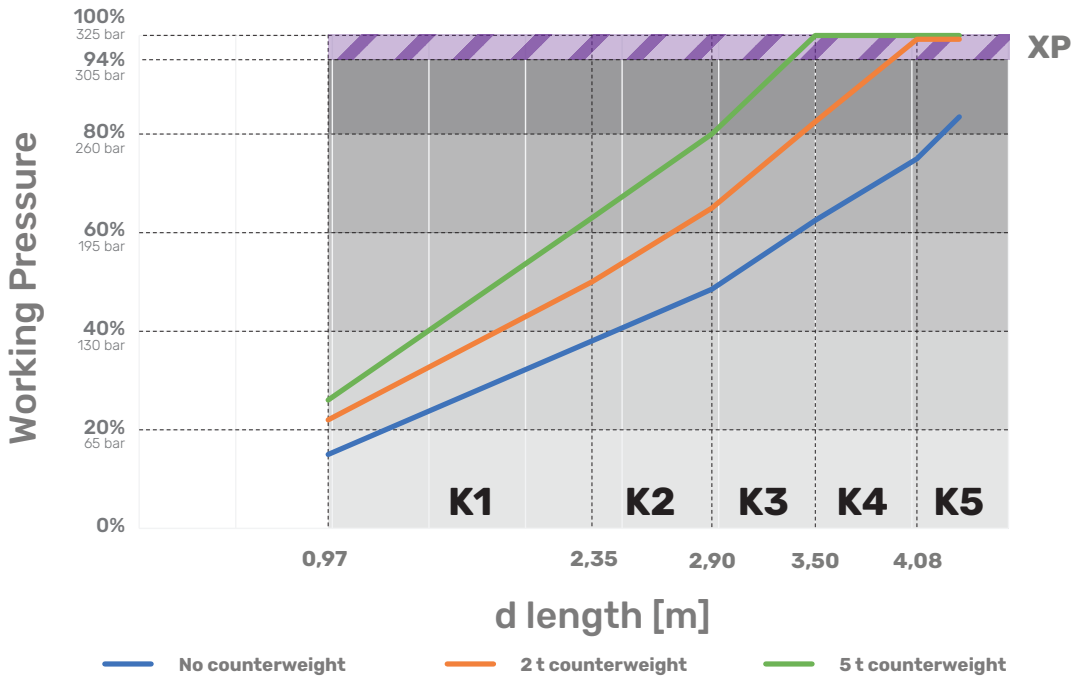


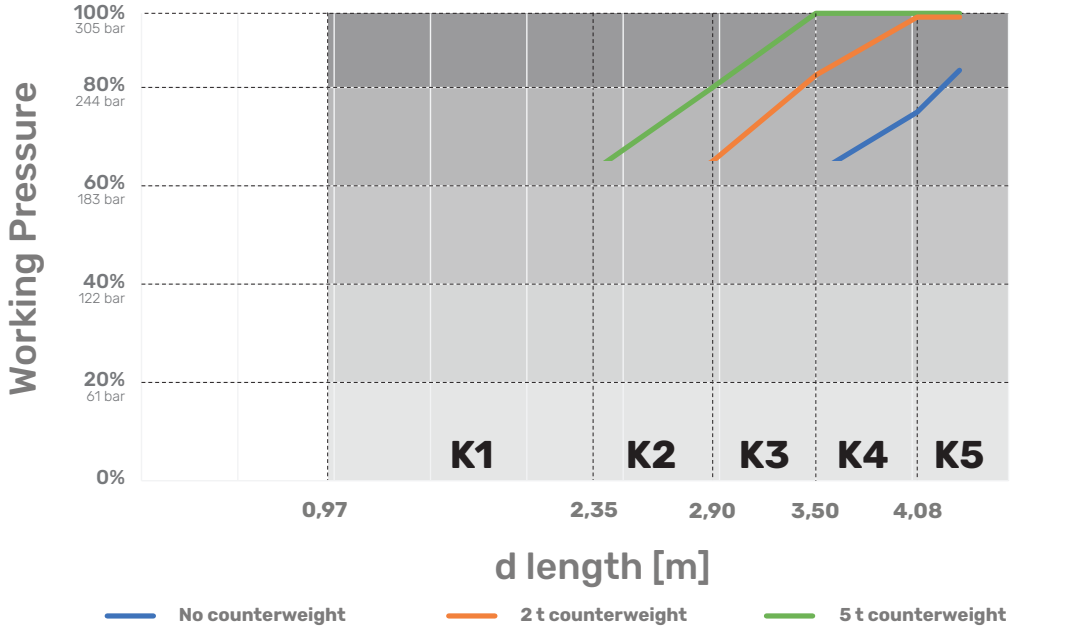
LOAD CHART SELECTION

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	-

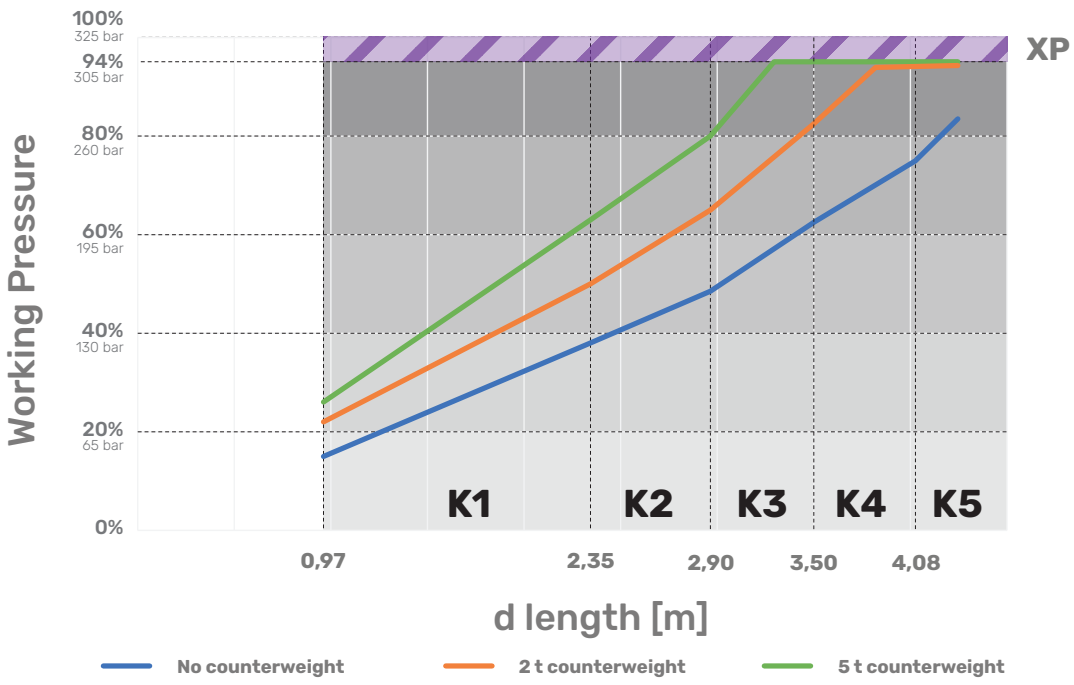
PRESSURE CHARTS

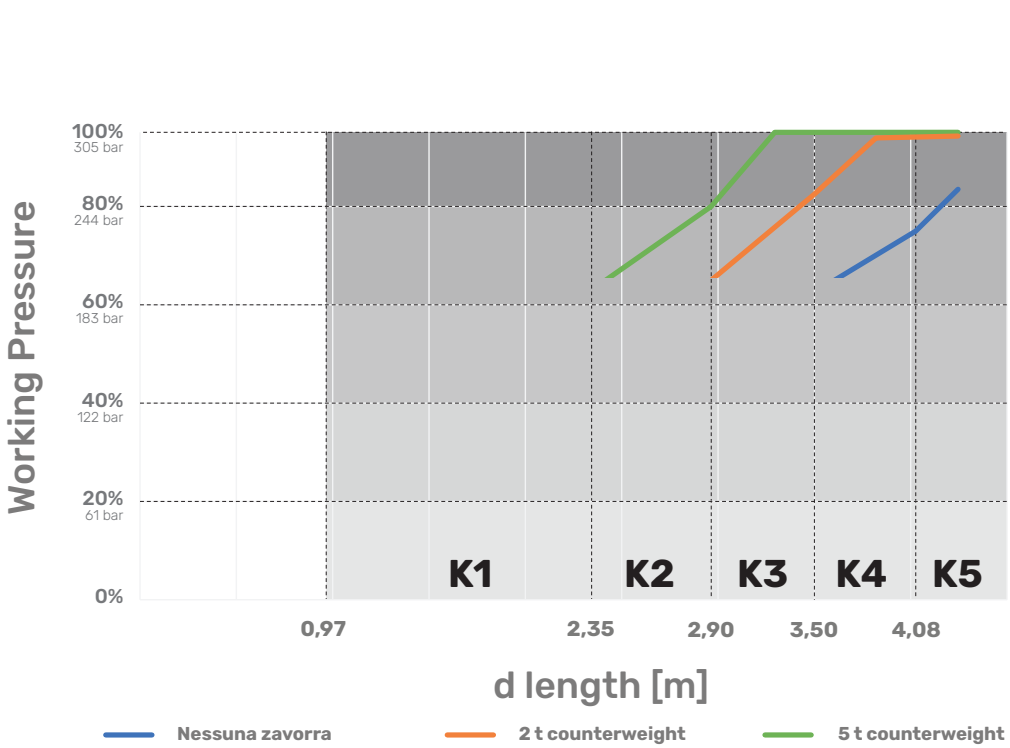
MAIN BOOM





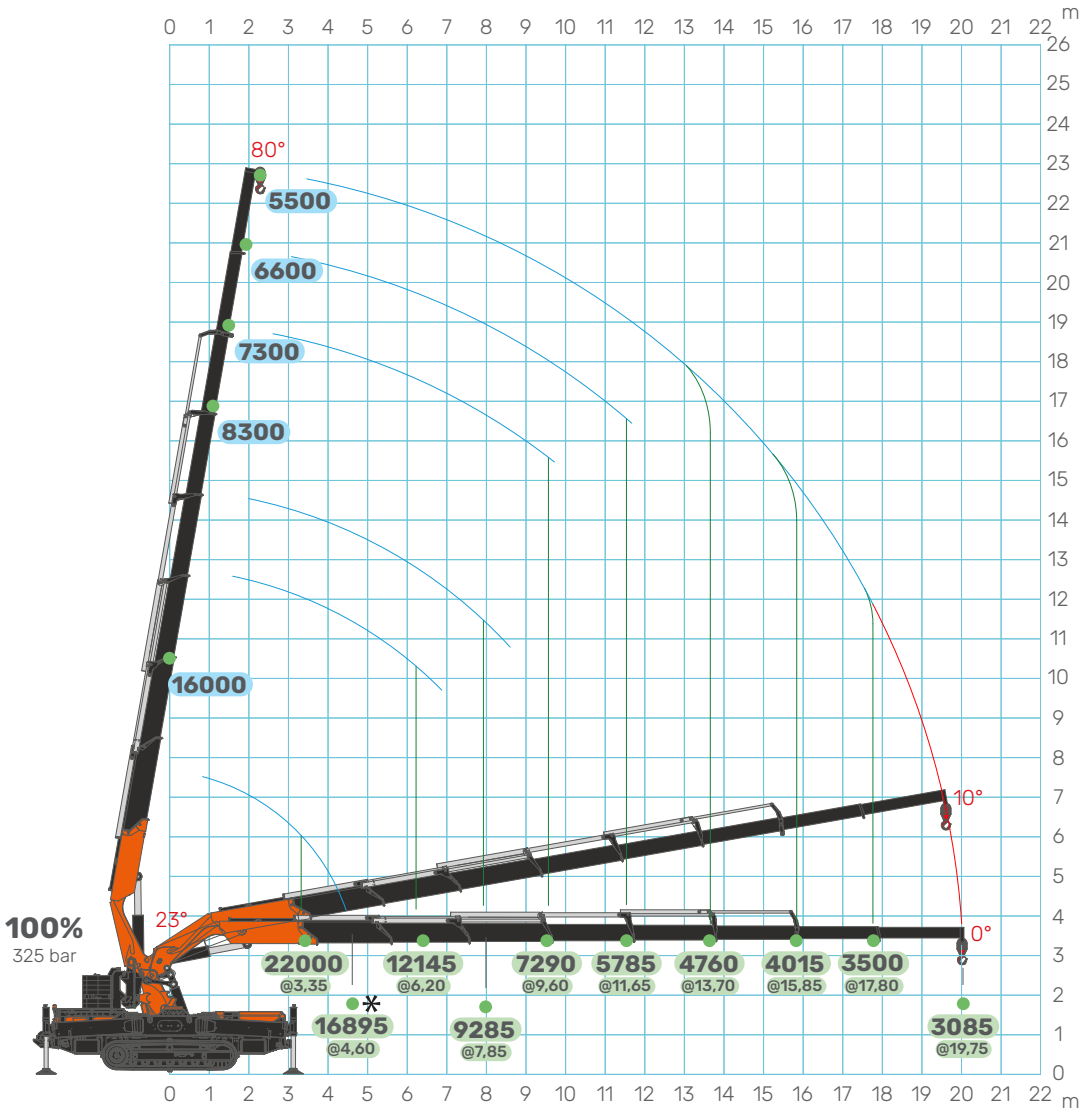
JIB6500.6HA

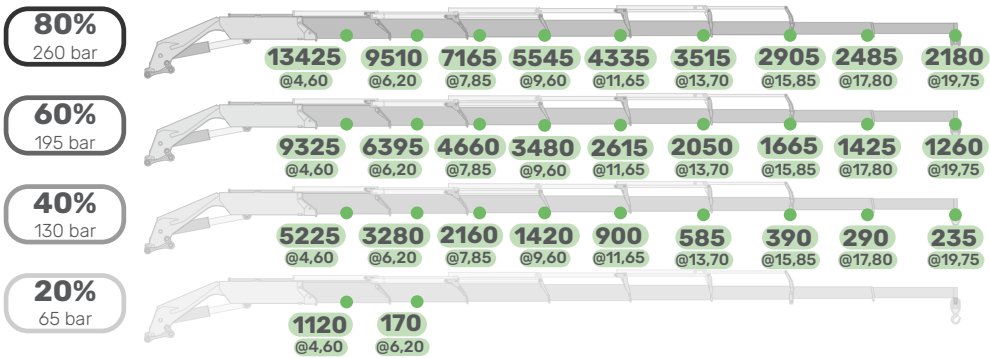

XP
100%
325 bar
94%
305 bar
80%
260 bar
60%
195 bar
40%
130 bar
20%
65 bar
0%
Working Pressure
K1
K2
K3
K4
K5
0,97
2,35
2,90
3,50
4,08
d length [m]
No counterweight
2 t counterweight
5 t counterweight

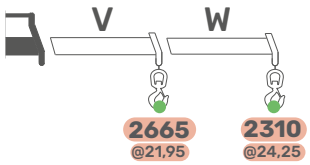

100%
305 bar
80%
244 bar
60%
183 bar
40%
122 bar
20%
61 bar
0%
Working Pressure
K1
K2
K3
K4
K5
0,97
2,35
2,90
3,50
4,08
d length [m]
Nessuna zavorra
2 t counterweight
5 t counterweight

MAIN BOOM

5000 kg







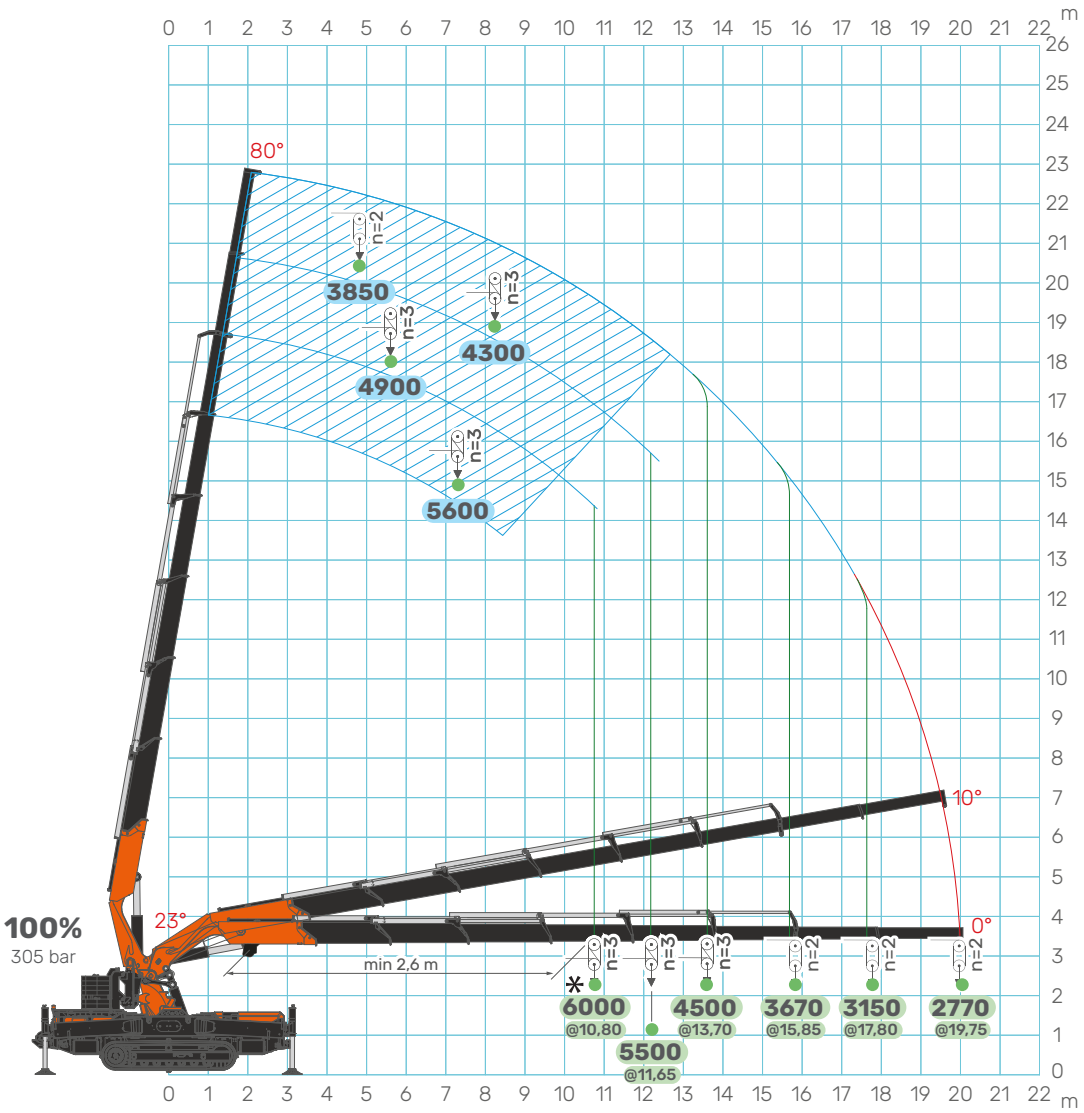
[m] [kg]

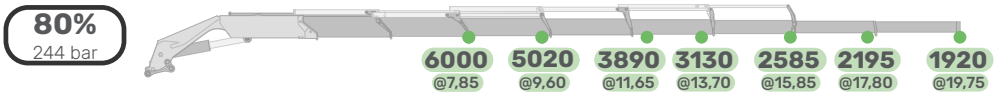
JF1050CDH

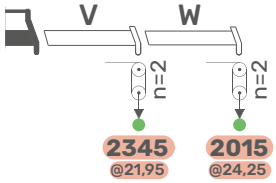
Main boom load chart

5000 kg

W2000





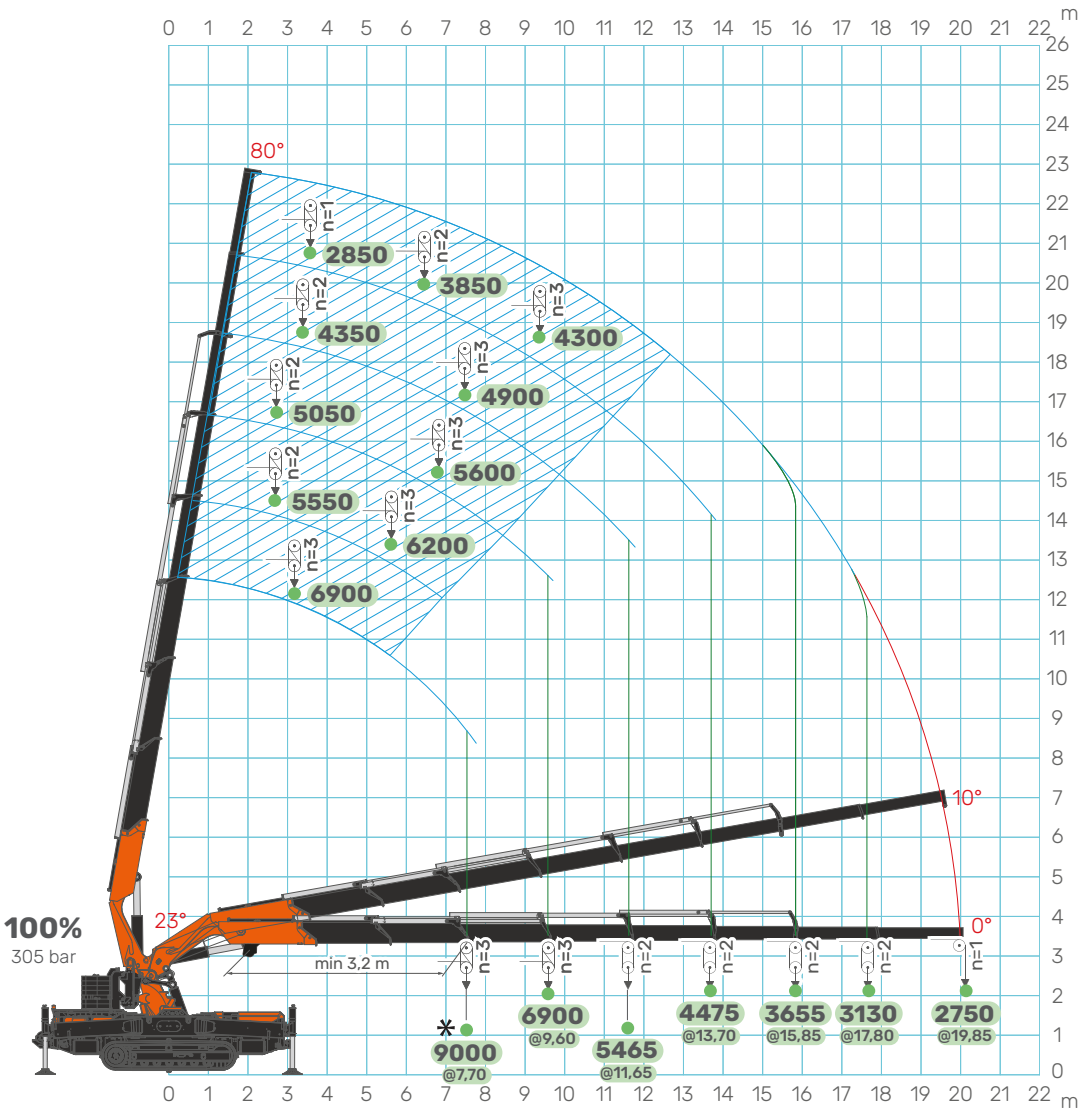


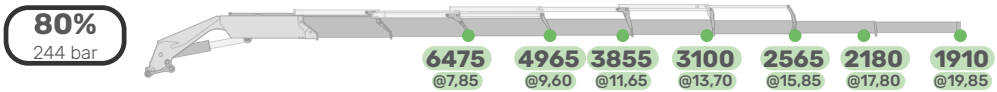
[m] [kg]

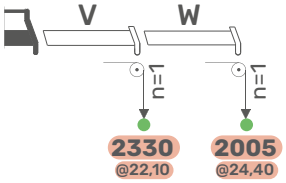
Main boom load chart

5000 kg

W3000







[m] [kg]

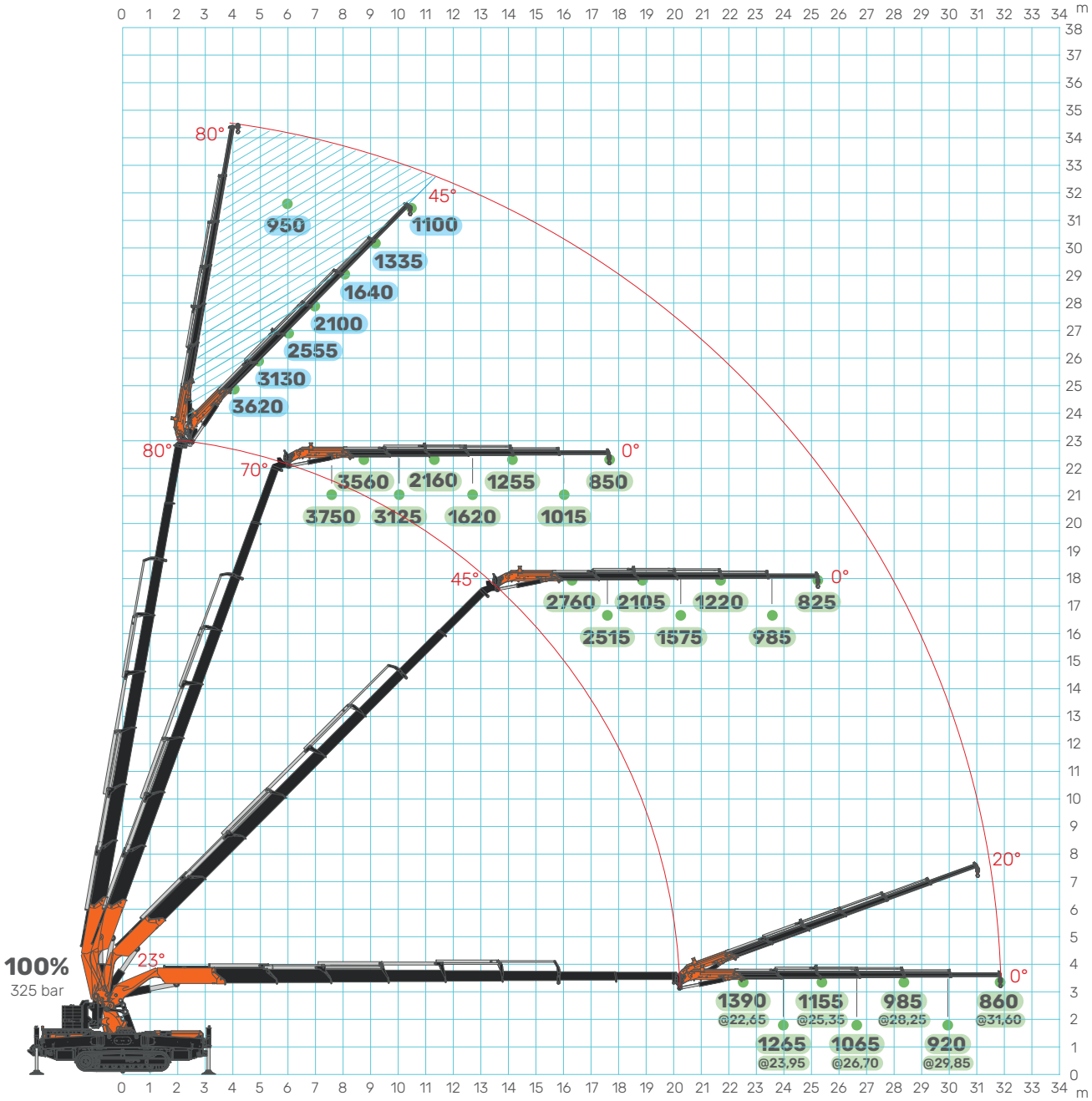
JF1050CDH

JIB6500.6HA load chart

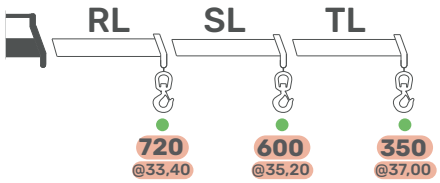
19.11.2026 | REV0.2

JIB6500.6HA

5000 kg





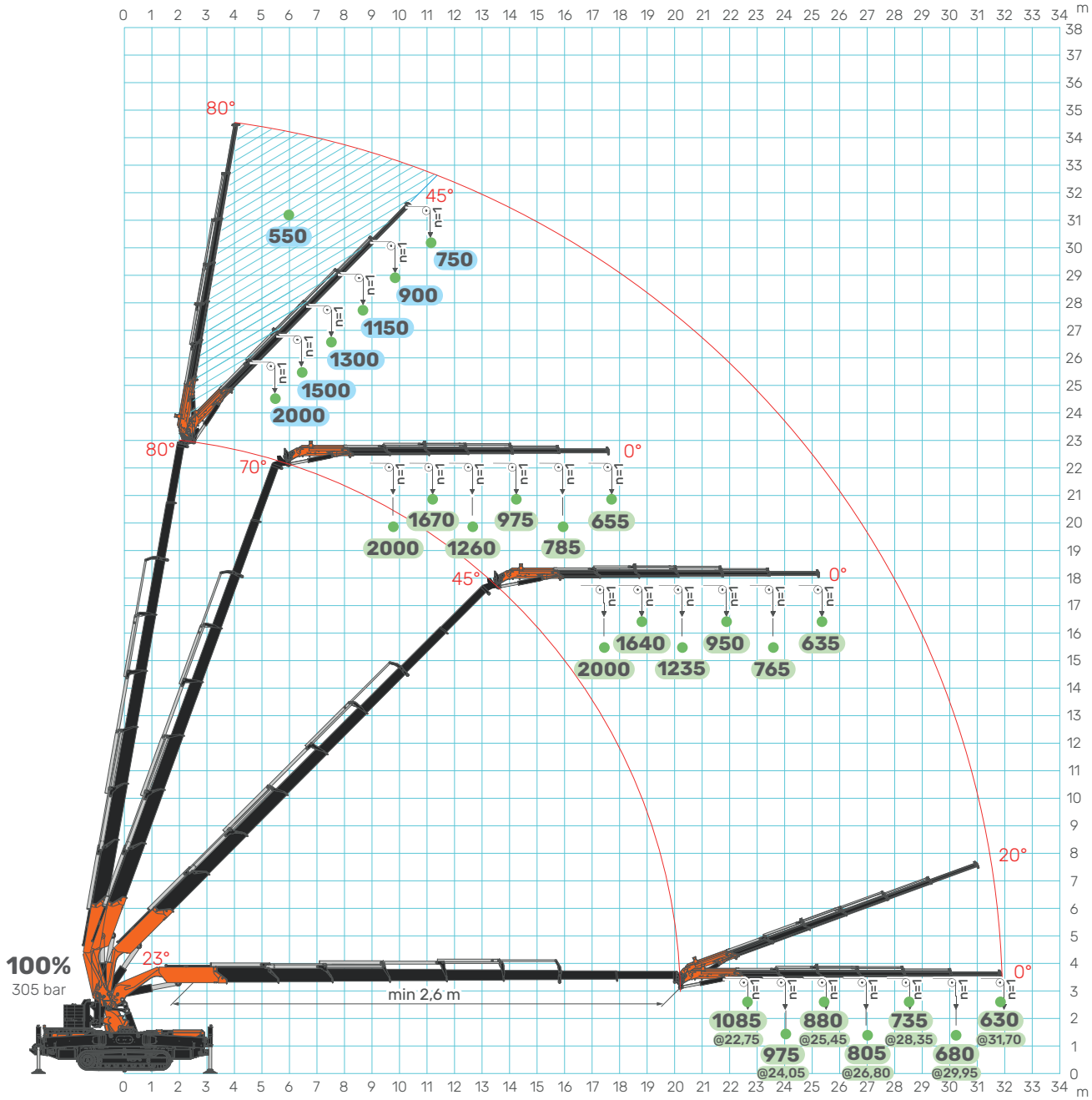


[m] [kg]

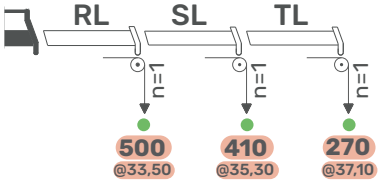
JIB6500.6HA load chart

5000 kg

W2000







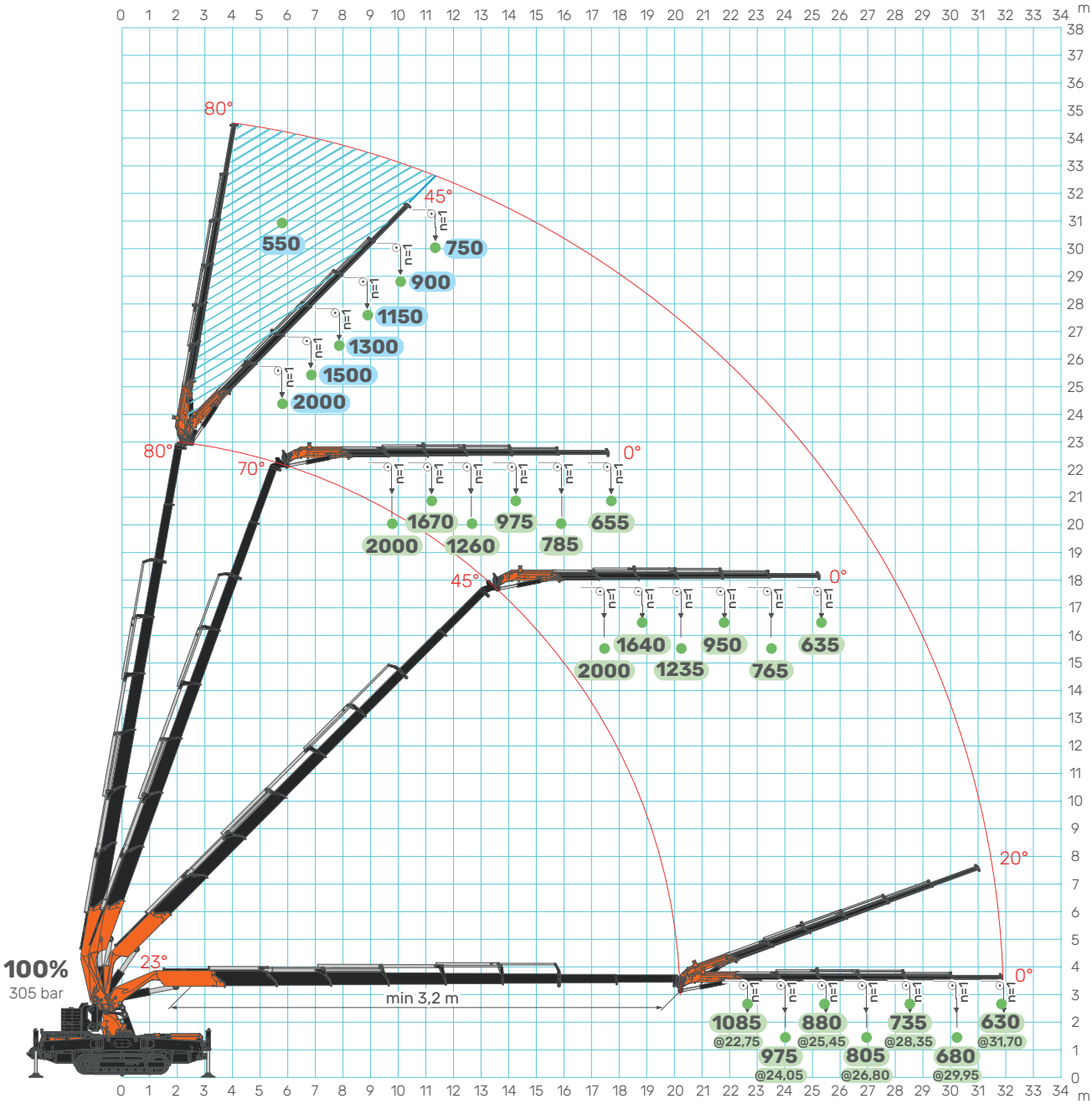
[m] [kg]

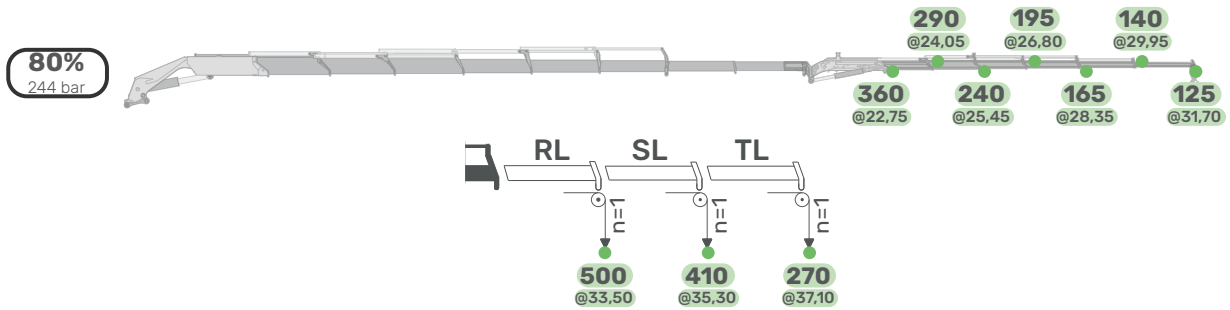
JF1050CDH

JIB6500.6HA load chart

5000 kg

W3000

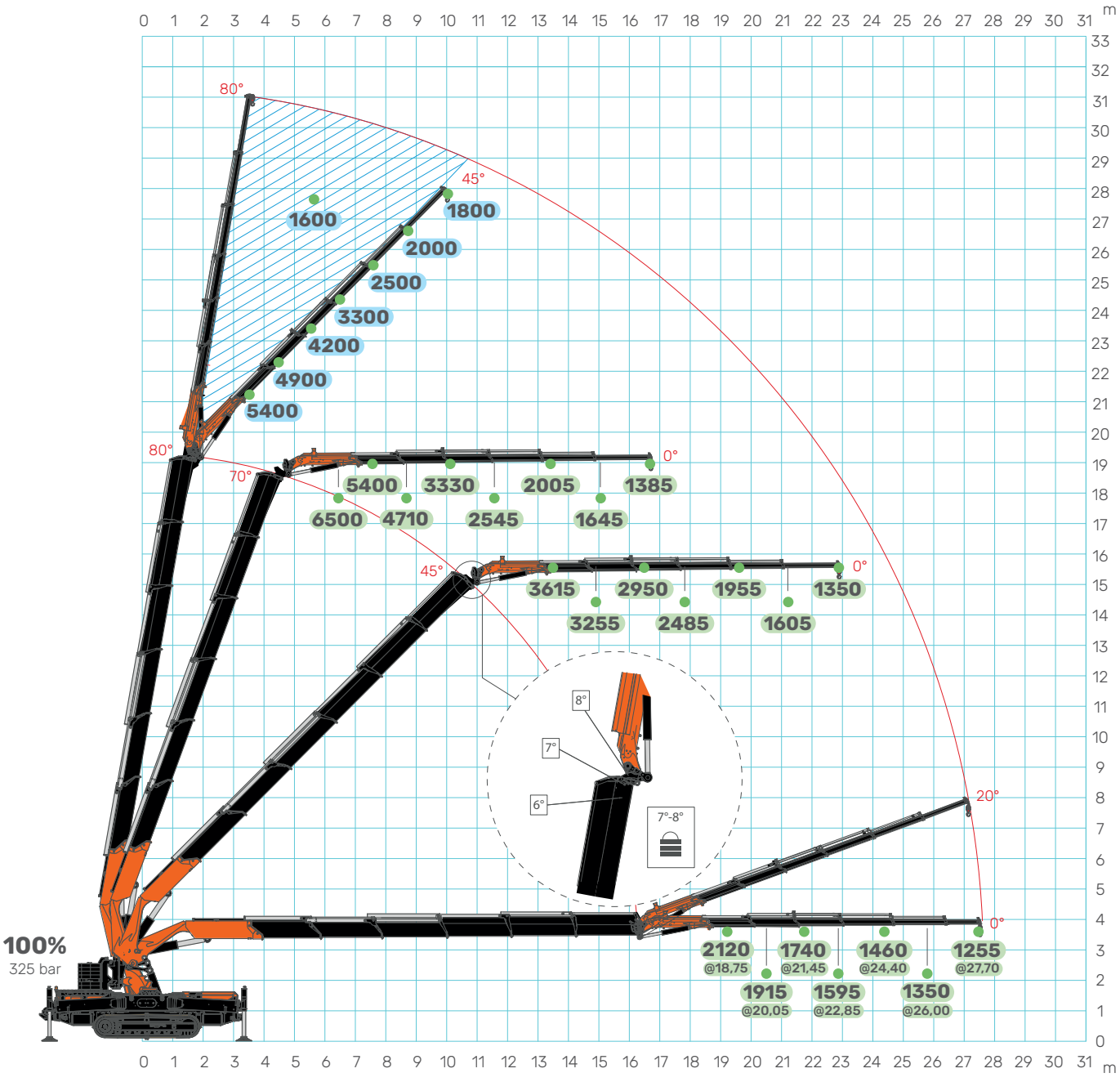




[m] [kg]

JDP

5000 kg



[m] [kg]

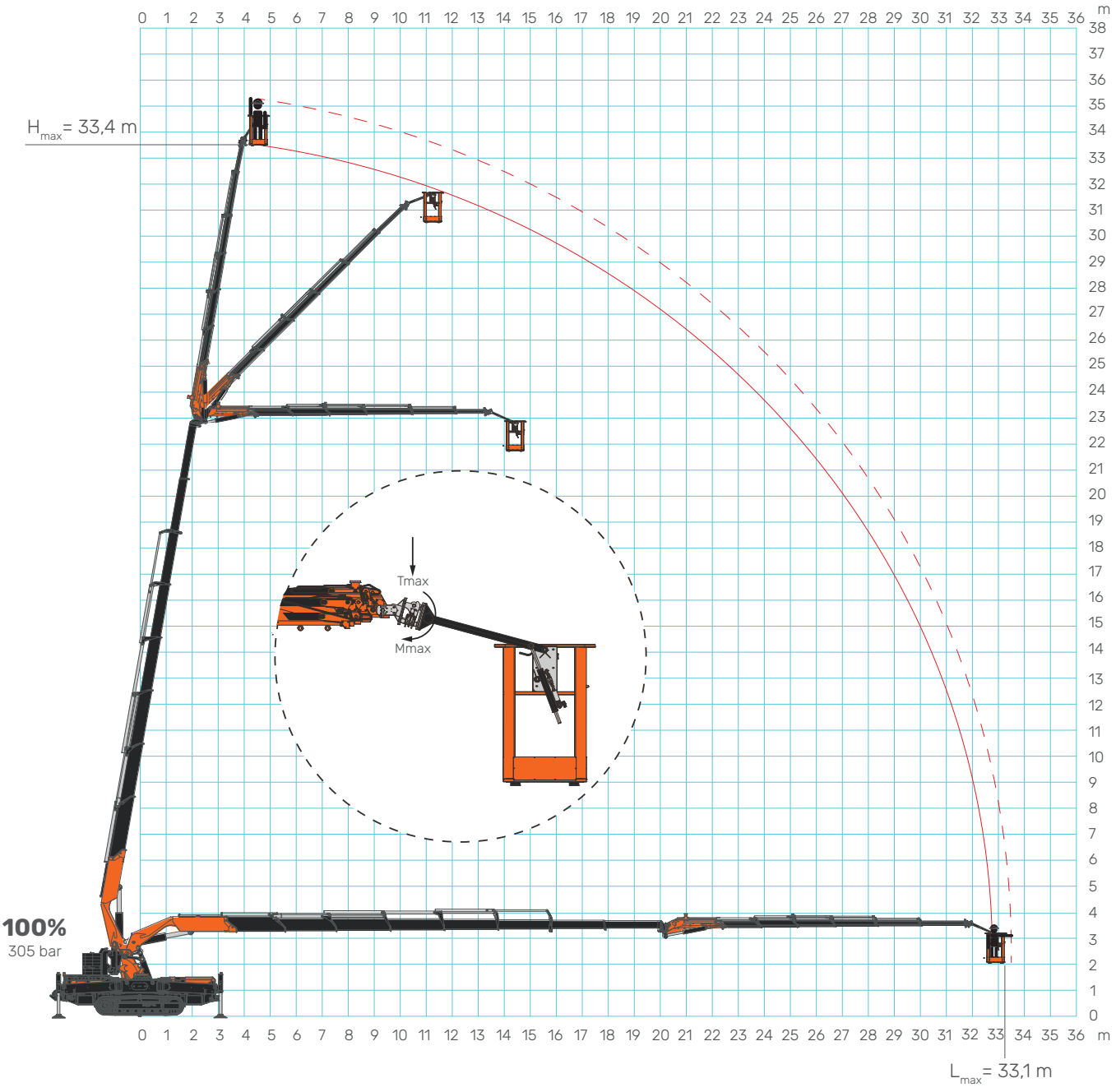
JF1050CDH

One-man basket chart

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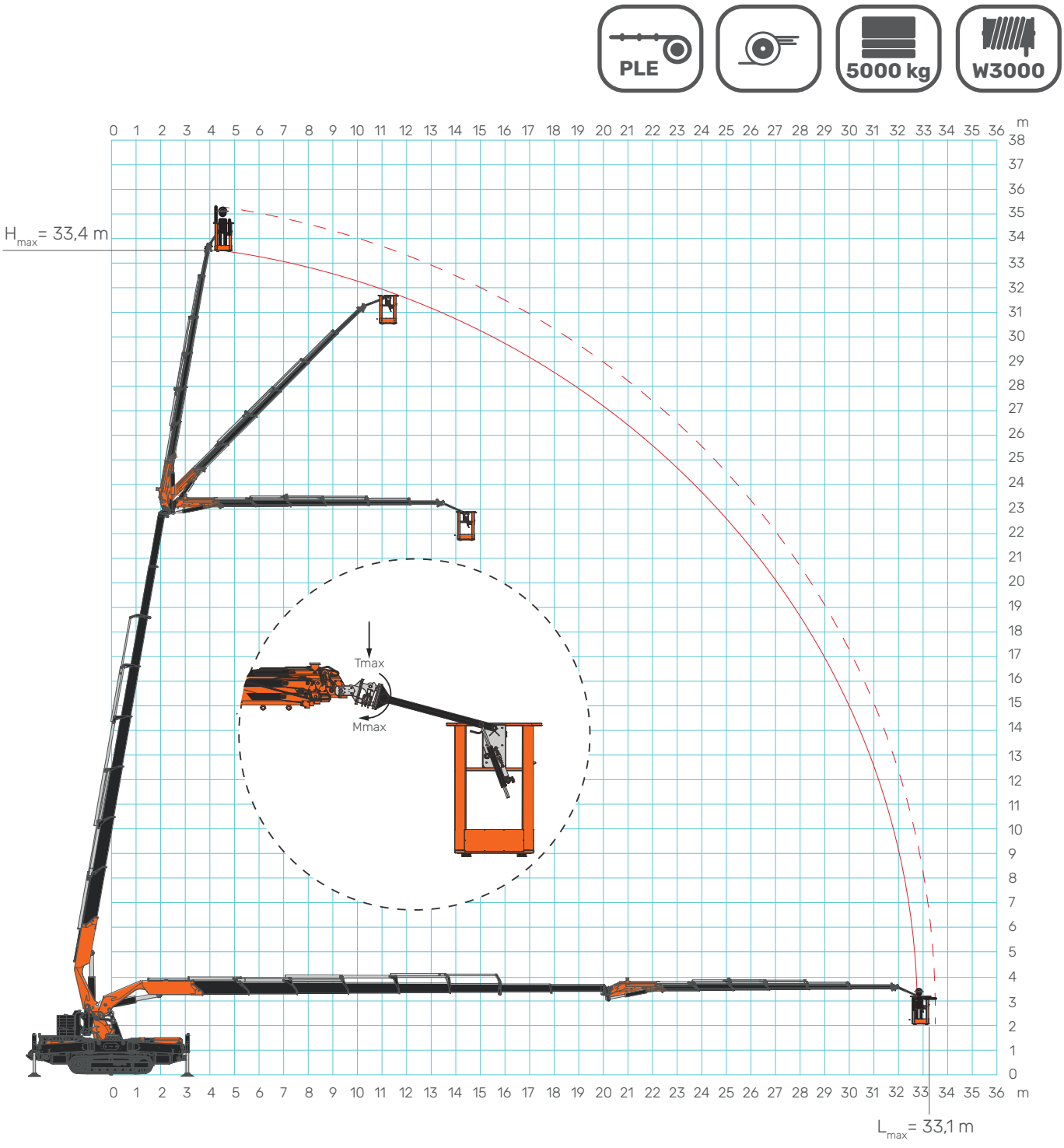
PLE





PLE				
	MWP-1PG.JIB6500.6HA	Max Capacity	kg	120

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



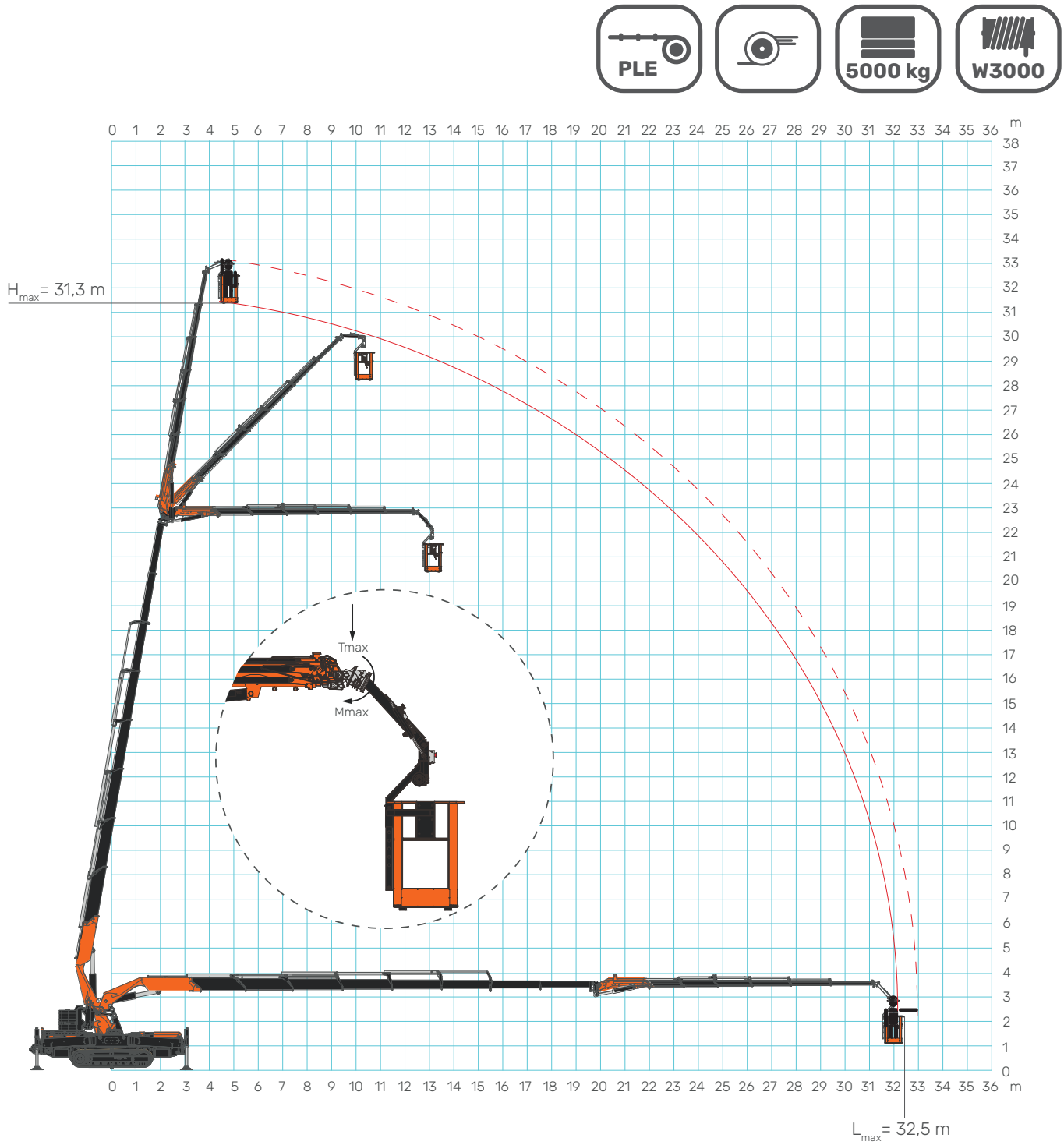
PLE

MWP-2PG.JIB6500.6HA	Max Capacity	kg	200
MWP-2PG-A.JIB6500.6HA			200
MWP-2PG-S.JIB6500.6HA			200

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

JF1050CDH

Two-men rotating basket chart



PLE

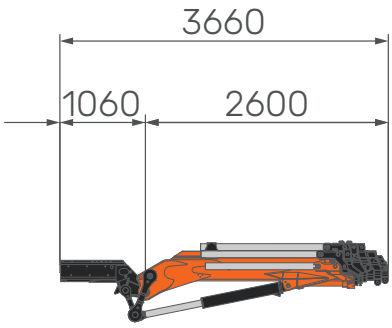
MWP-2PGR.JIB6500.6HA	Max Capacity	kg	200
MWP-2PGR-A.JIB6500.6HA			200
MWP-2PGR-S.JIB6500.6HA			200

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

ACCESSORIES

JIB6500.6HA





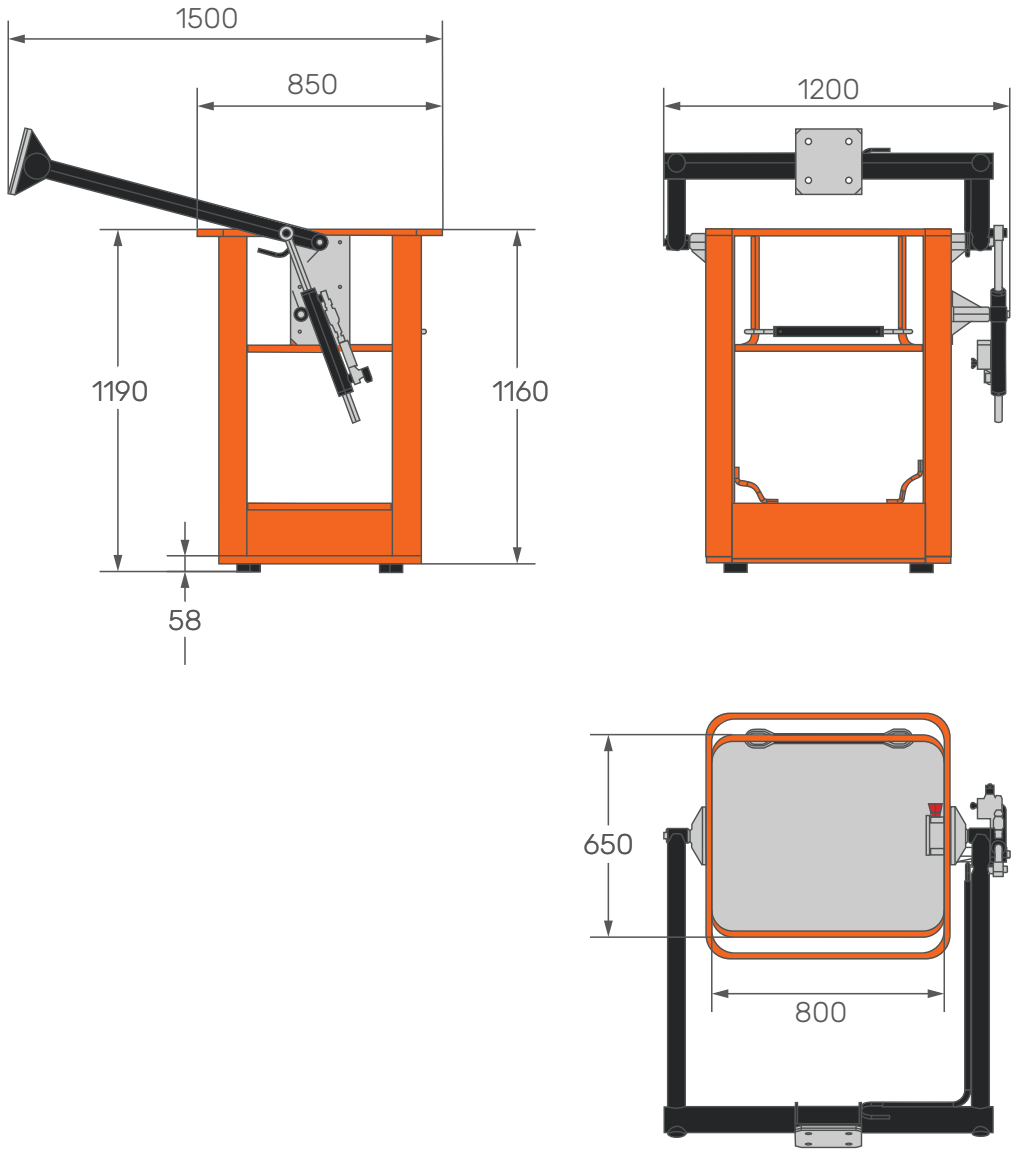
WEIGHT						
	JIB	JIB6500.6HA	With activation	kg	1.360
			Without activation		1.220

[mm]

JF1050CDH

One-man basket features

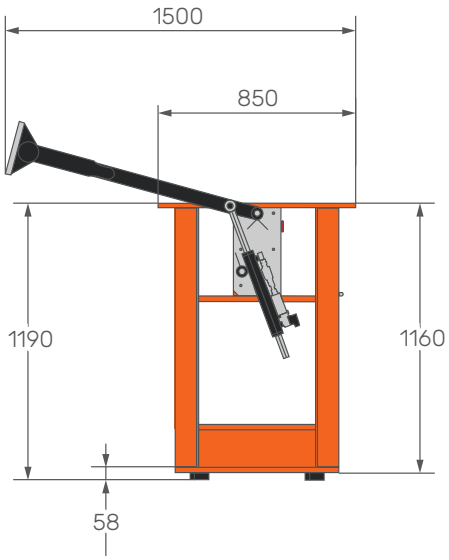
MWP-1PG.JIB6500.6HA

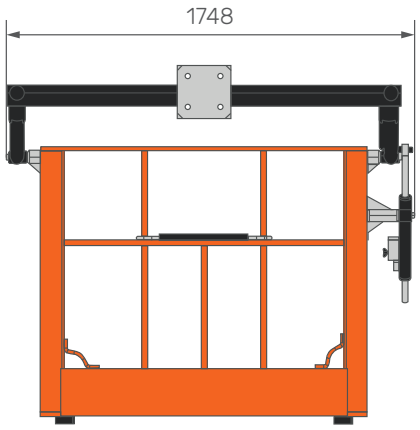


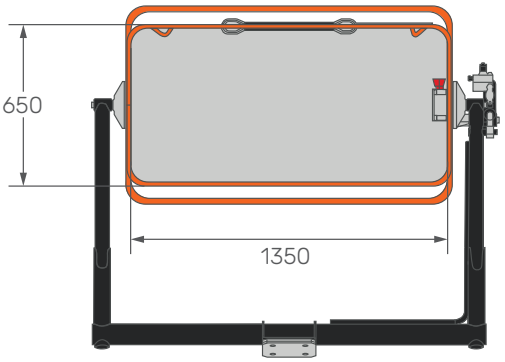
WEIGHT					
		PLE	MWP-1PG.JIB6500.6HA	kg	133

[mm]

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







WEIGHT

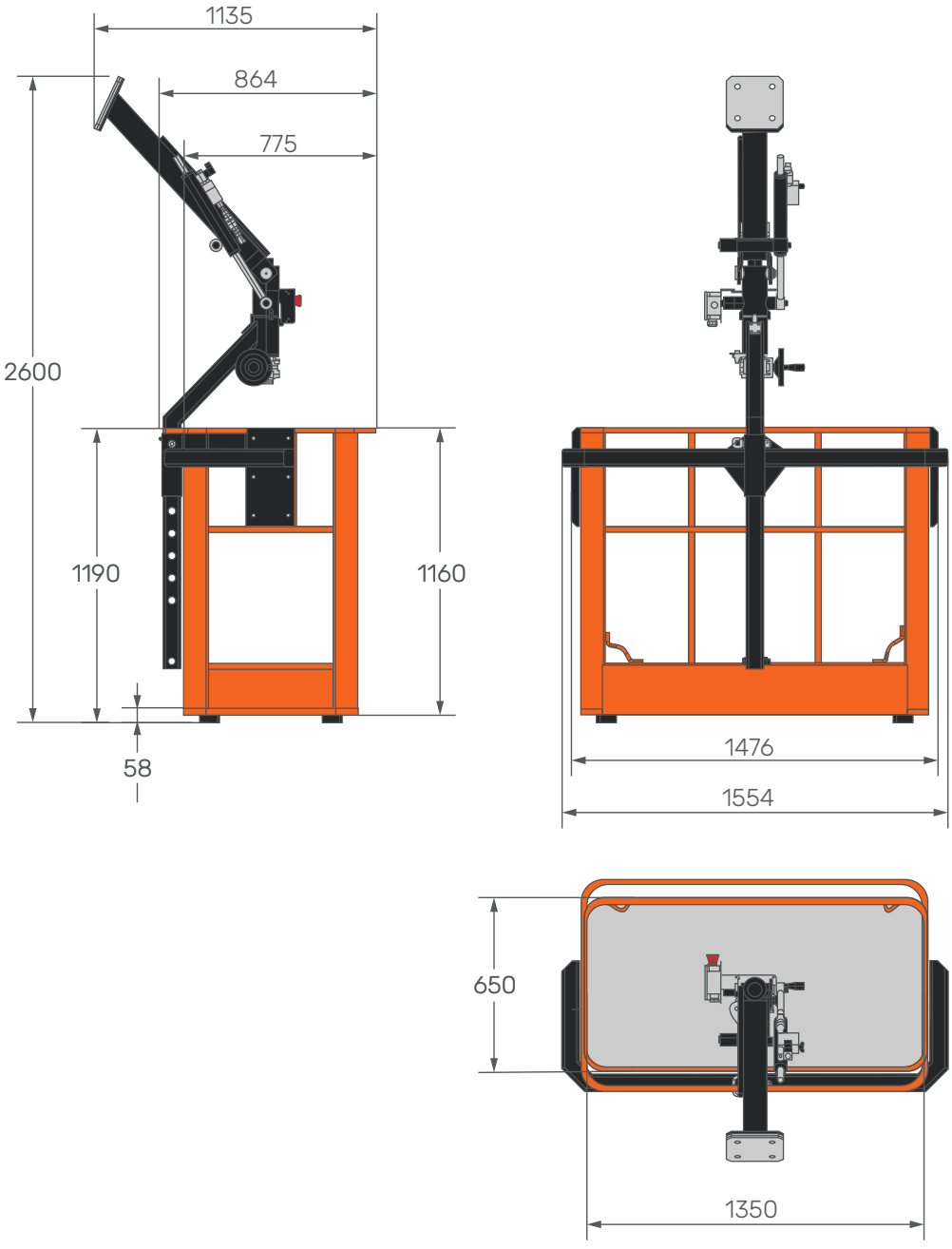
PLE	MWP-2PG.JIB6500.6HA	kg	160
	MWP-2PG-A.JIB6500.6HA		133
	MWP-2PG-S.JIB6500.6HA		149

[mm]

JF1050CDH

Two-men rotating basket features

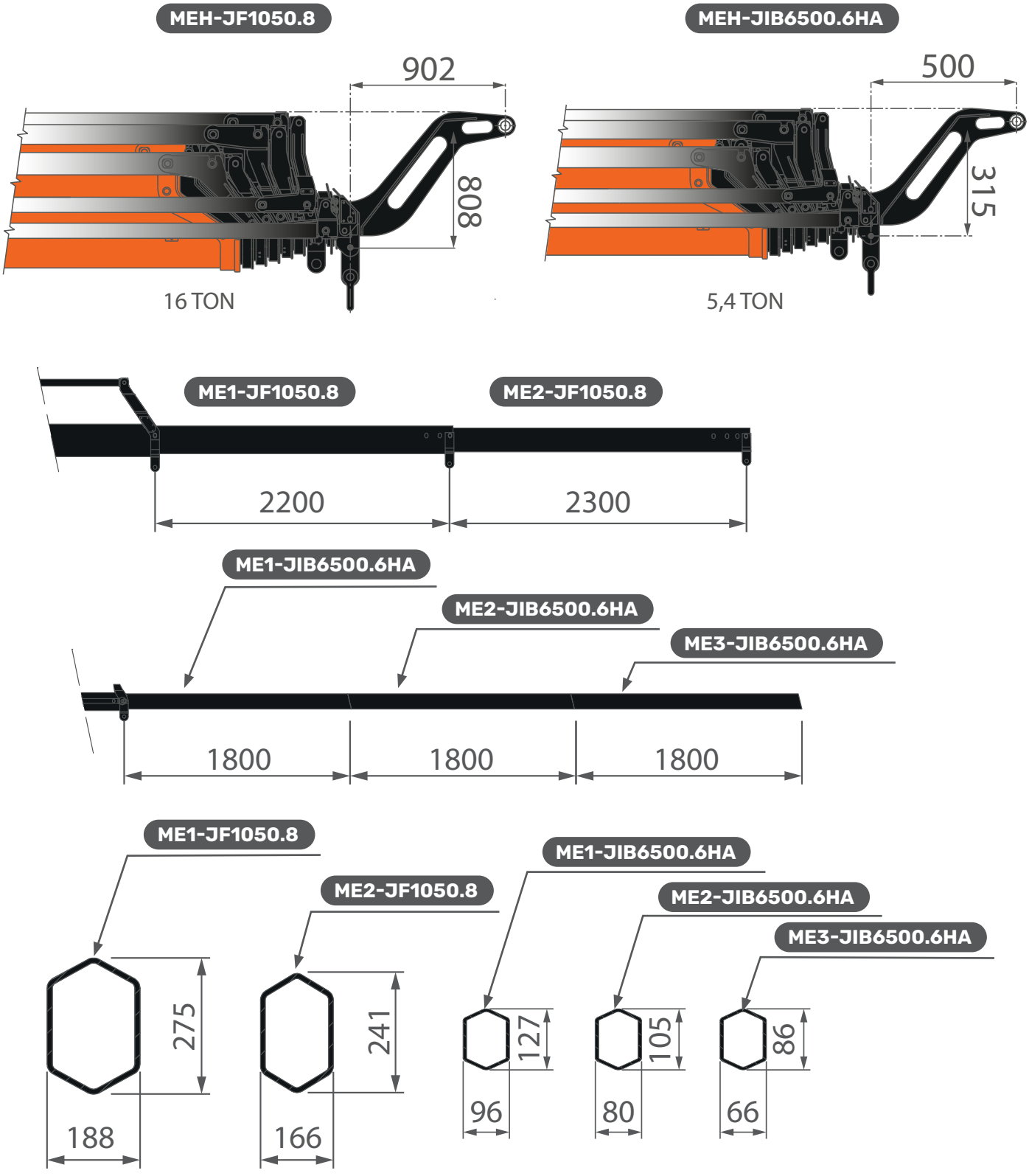
MWP-2PGR.JIB6500.6HA
MWP-2PGR-A.JIB6500.6HA
MWP-2PGR-S.JIB6500.6HA



WEIGHT

PLE	MWP-2PGR.JIB6500.6HA	kg	207
	MWP-2PGR-A.JIB6500.6HA		173
	MWP-2PGR-S.JIB6500.6HA		190

[mm]


MEH-JF1050.8
902
808
16 TON
MEH-JIB6500.6HA
500
315
5,4 TON
ME1-JF1050.8
ME2-JF1050.8
2200
2300
ME1-JIB6500.6HA
ME2-JIB6500.6HA
ME3-JIB6500.6HA
1800
1800
1800
ME1-JF1050.8
ME2-JF1050.8
ME1-JIB6500.6HA
ME2-JIB6500.6HA
ME3-JIB6500.6HA
275
188
241
166
127
96
105
80
86
66

[mm]

JF1050CDH

Symbols

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.

SERIAL NUMBER:

19.11.2026 | REV0.2

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