



Technical Data

Specification & Capacities

JF990



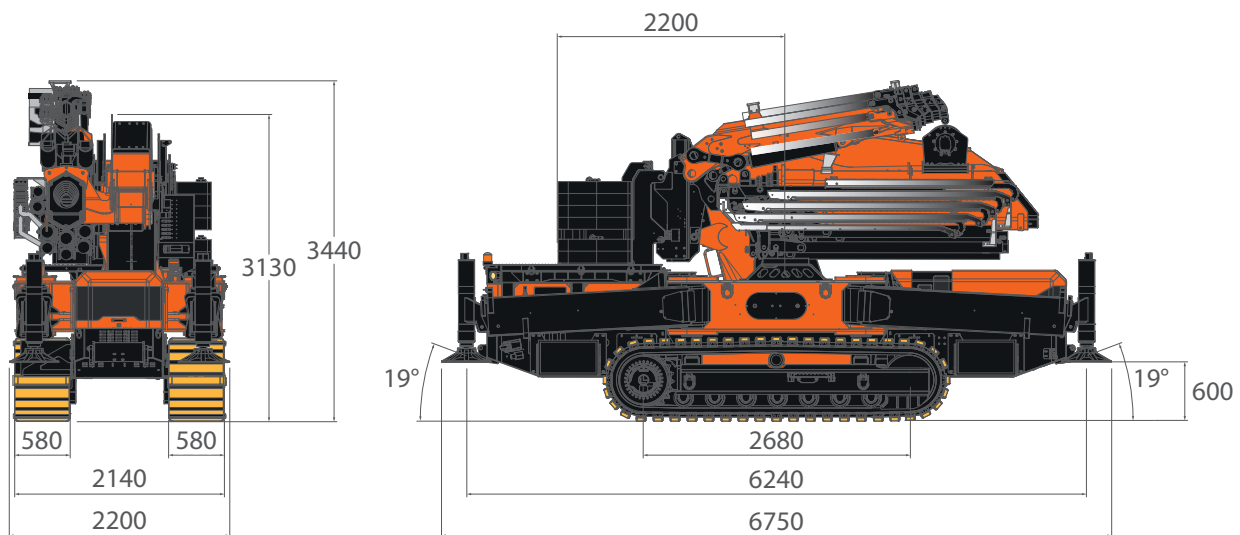
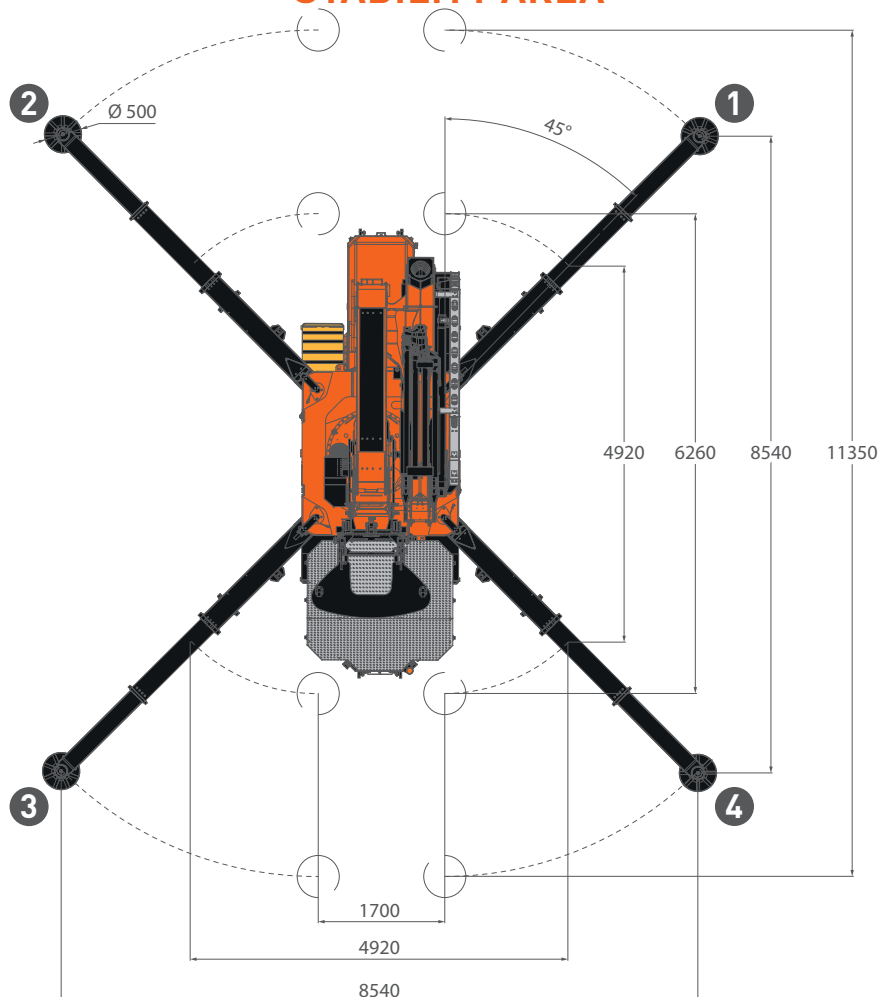
EN 12999:2020

14.05.2025 | Rev1.0

[m] [kg]

OVERALL DIMENSIONS

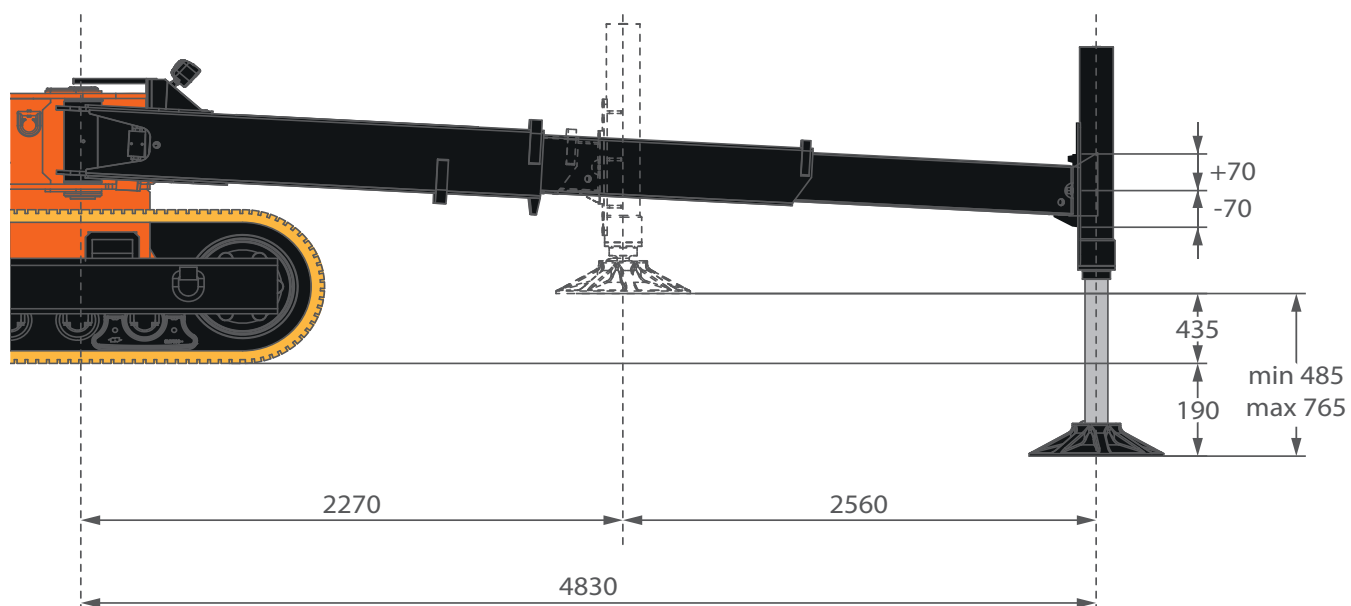
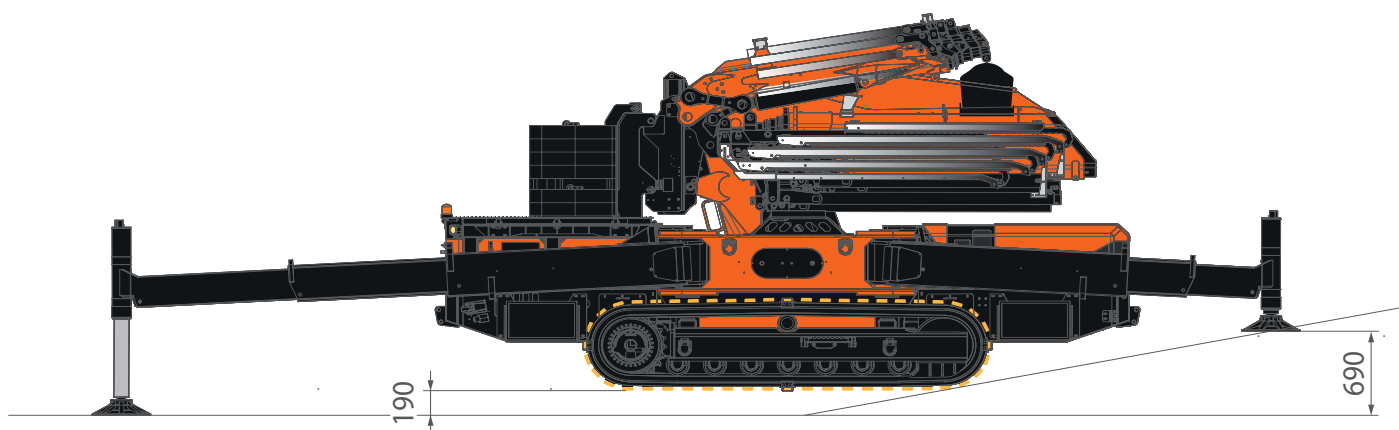
(with jib and low marking pads)

**STABILITY AREA**

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

[mm]

STABILIZATION ADJUSTMENT



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 - 20,0
			Speed	s	55 ^[1] (4,6 - 20,0 m)
		SLEWING	Angle	°	360°
			Speed	rpm	1
		LIFTING	Working Angle	°	0°/80°
			Speed	s	Primary: 36 Secondary: 37
		Max Capacity		kg	21.000
		Max Outriggers Load		kg	16.350 ^[2]
		Track load		kg/cm ²	0,95
		Travel Speed	Slow	km/h	-
			Fast		2,2
		Gradeability		°	19° (35%) ^[3]
		Working Temperature		°C	-10°/+40°

^[1]: Timing without load, fully stabilized and without XP^[2]: Static lifting^[3]: Engine work limit



OVERALL INFORMATIONS

WEIGHT		CRANE	JF990 (with activation)		kg	22.700 ^{[1][2]}
			Counterweight	CW-1	kg	3.000
				CW-2		2.000

HOOKBLOCKS		HOOK BLOCK	Single Fall	kg	73
			Double Fall		71
			Triple Fall		74
			Jib Single Fall		84

ACCESSORIES		JIB	JIB5400.6HA	With activation	kg	1.530	
				Without activation		1400	
		MANUAL EXTENSIONS	ME1-JF990.8			kg	74
			ME2-JF990.8				55
			MEH-JF990.8				155
			ME1-JIB5400.6HA				55
			ME2-JIB5400.6HA				36
			ME3-JIB5400.6HA				25
			MEH-JIB5400.6HA				23
		LOW MARKING PADS	WTP-JFX (x90)			kg	685
		OUTRIGGERS MATS	OM500 (x4)			kg	92
		POWERPACK	3-Phase Power pack			kg	80
		PLE	MWP-2PG.JIB5400.6HA			kg	159
			MWP-2PGR.JIB5400.6HA				207

^[1]: Dry weight

^[2]: Estimated fluids weight = 150 kg

OVERALL INFORMATIONS

ENGINE		DIESEL ENGINE	Power	kW	55
				HP	74
			Tank capacity	L	61
		ELECTRIC	Voltage	V	400
			Power	kW	13.5

HYDRAULIC SYSTEM		Maximum Working Pressure		bar	325
		Tank Capacity		L	270
		OIL	Type	Mineral	ISO 6743-4:HV
			Viscosity Grade	VG	46
		DIESEL MAIN PUMP	Type	Variable Flow Pump LS	
			Displacement	cm³/rev	80
			Max Oil Flow	L/min	160
		ELECTRIC MAIN PUMP	Type	Variable Flow Pump LS	
			Displacement	cm³/rev	45
			Max Oil Flow	L/min	60



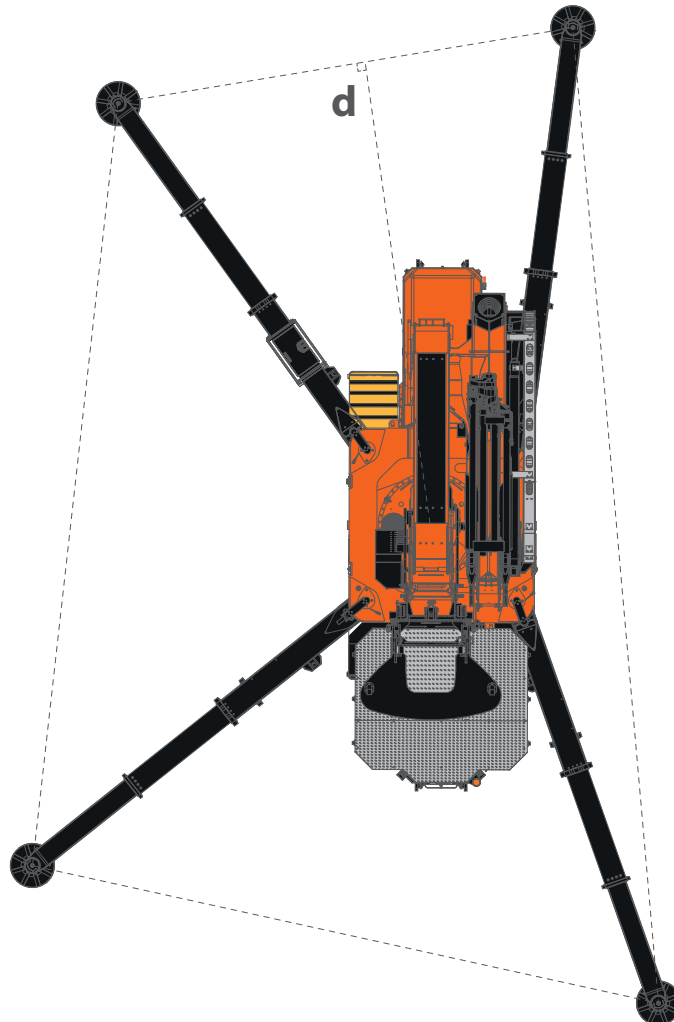
WINCH PERFORMANCE

W3000-JFM-JFX

WINCH	Layer		Max pull line	Standard rope speed
			daN	m/min
	1		3.000 ^[1]	28
ROPE	3		— ^[1]	36
	Wire rope	Max load	Ø	Total length
		daN	mm	m
	19x7 right lang lay Non rotating	18.600	14	60

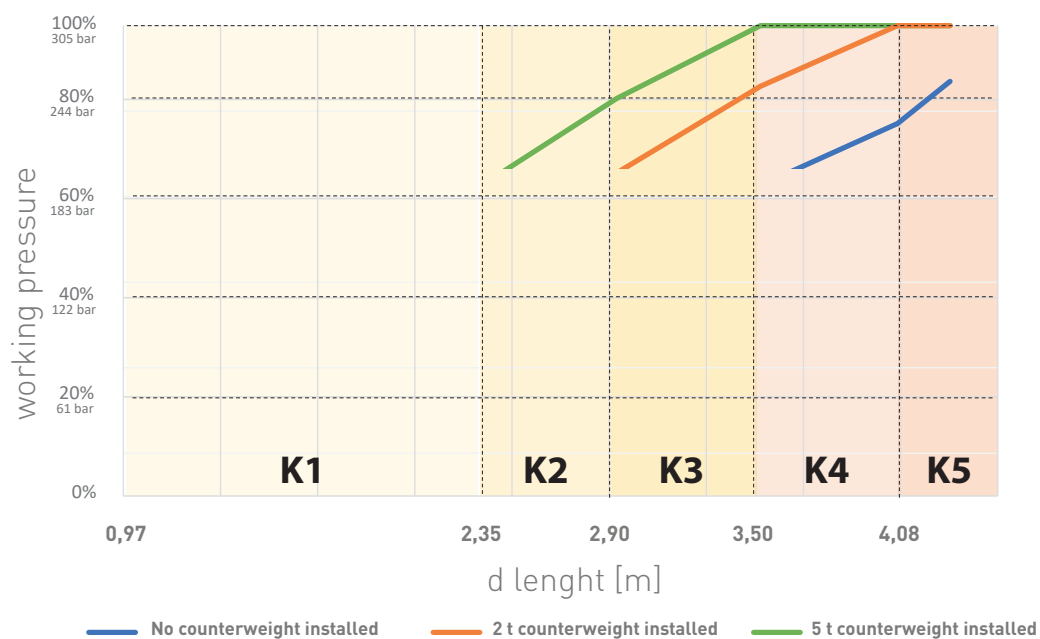
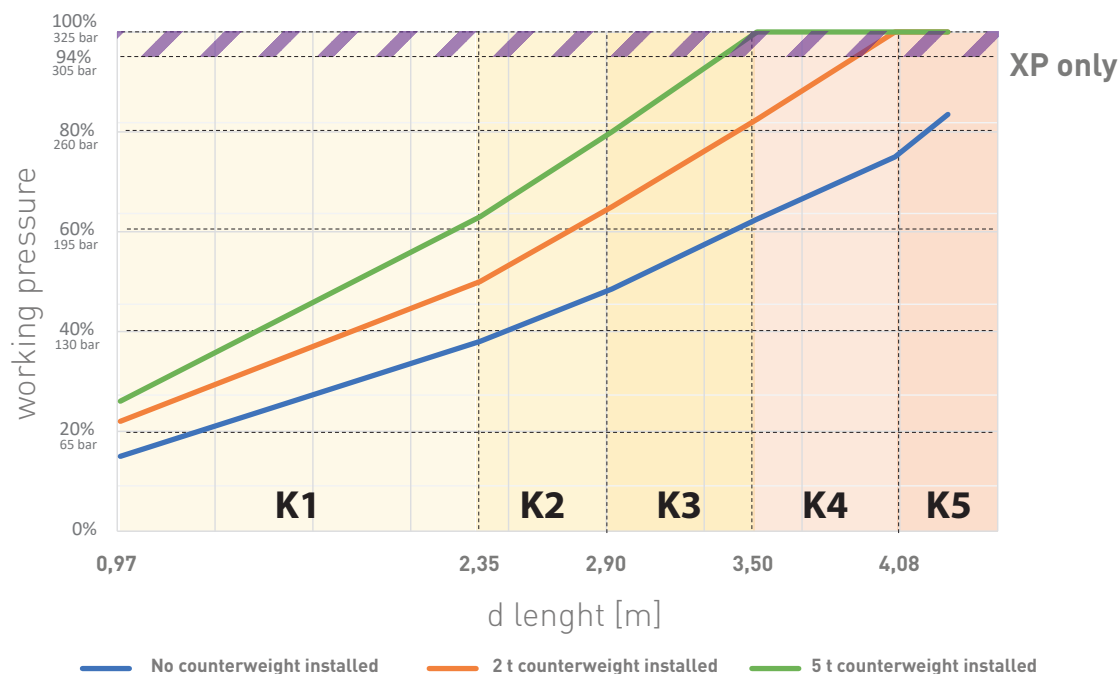
HOOKBLOCK	Block type	Load	N° of	
			Sheaves	Lines
		kg		
	Single fall block	3.000	-	1
	Double fall block	6.000	1	2
	Triple fall block	9.000	1	3

^[1]: LMI limited at 3.000 kg

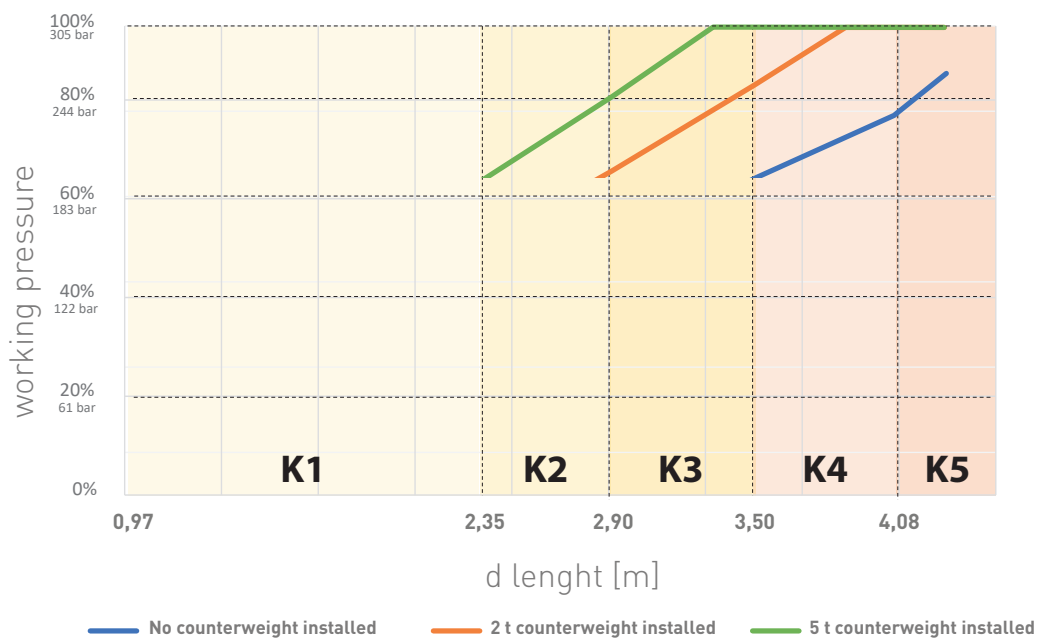
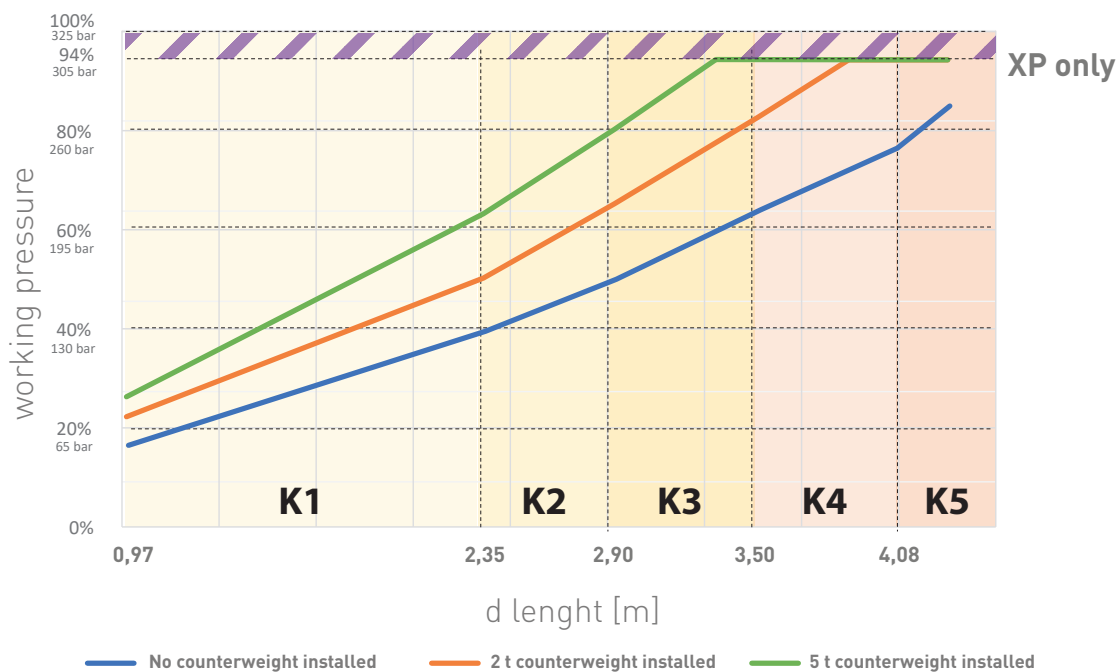
CRANE PERFORMANCE

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	-

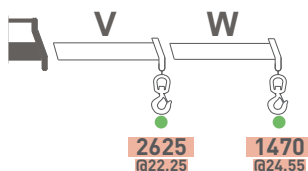
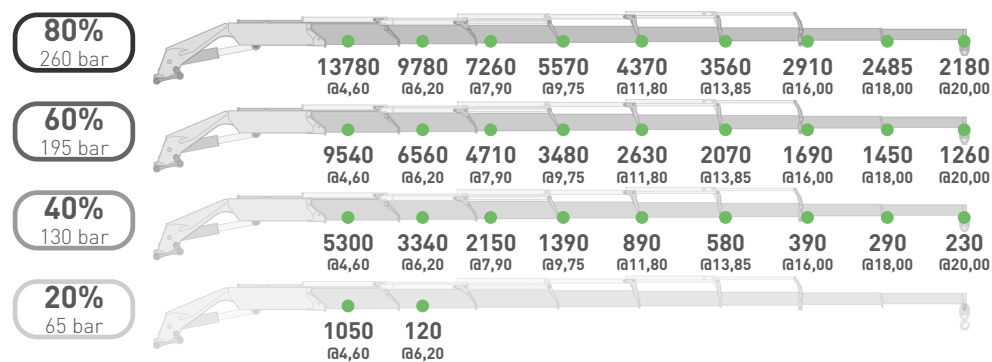
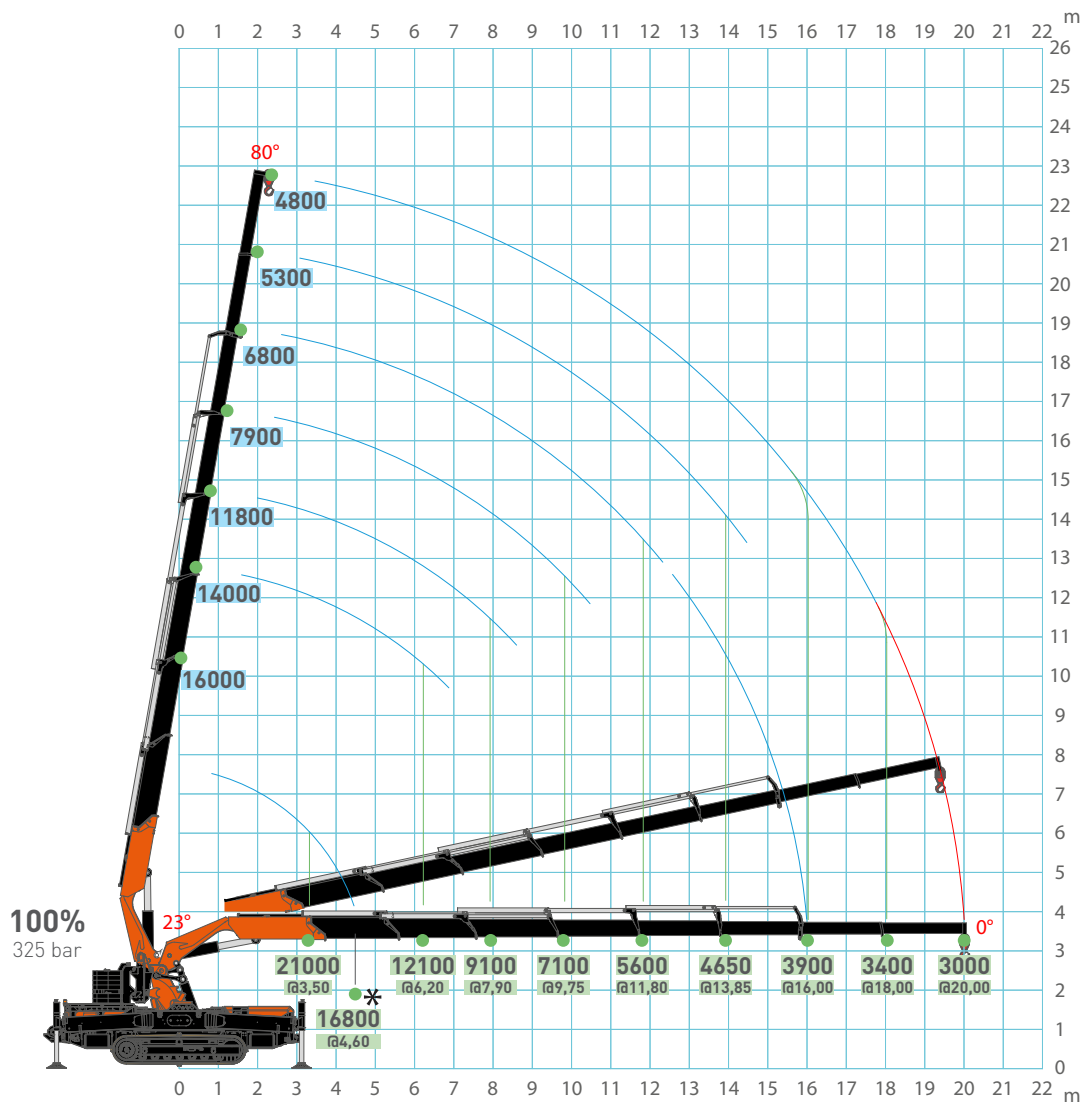
MAIN BOOM



JIB5400.6HA



MAIN BOOM

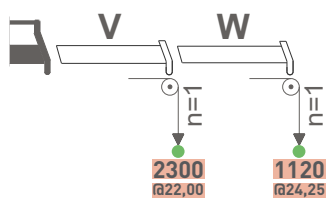
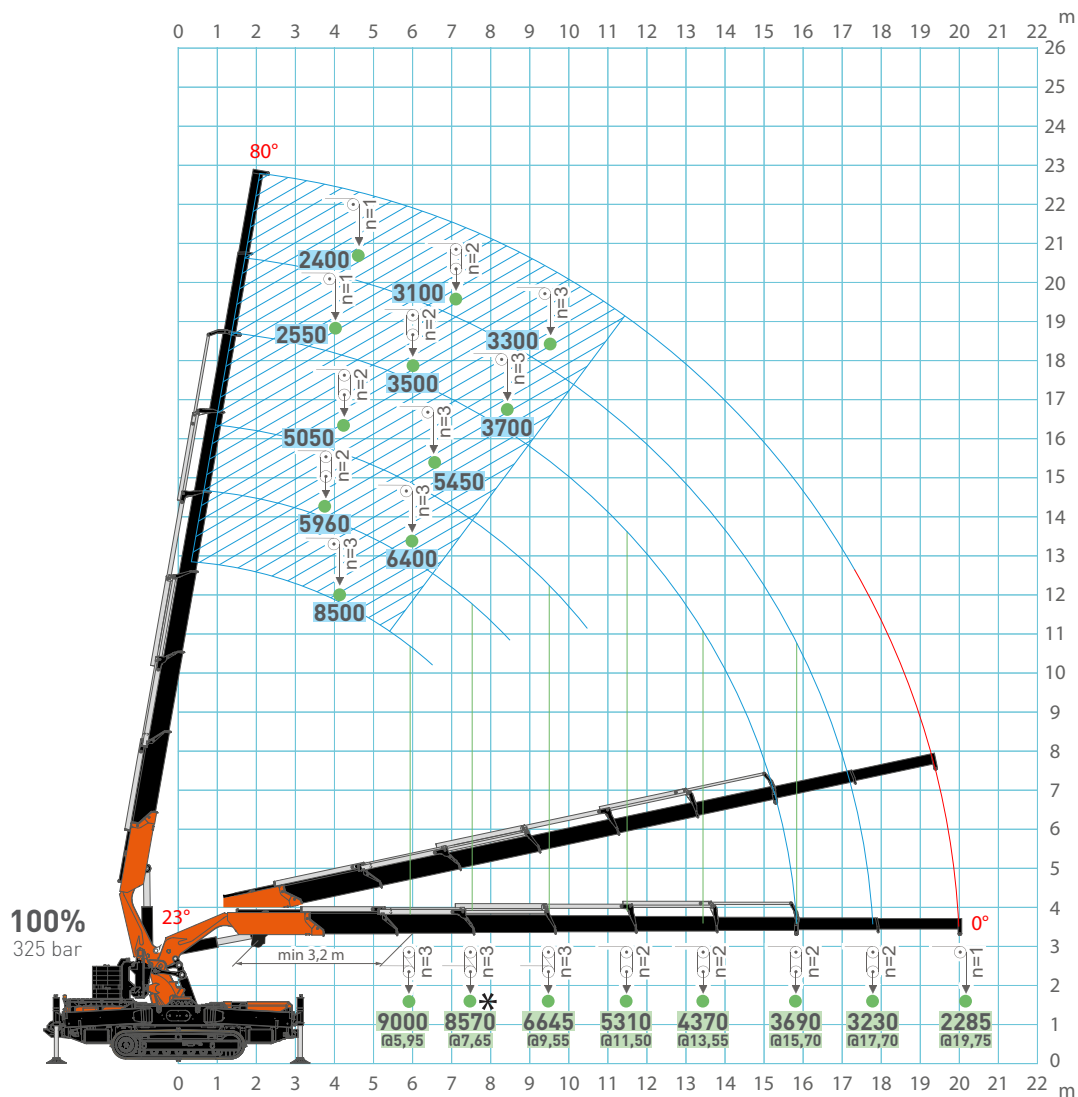


[m] [kg]

MAIN BOOM

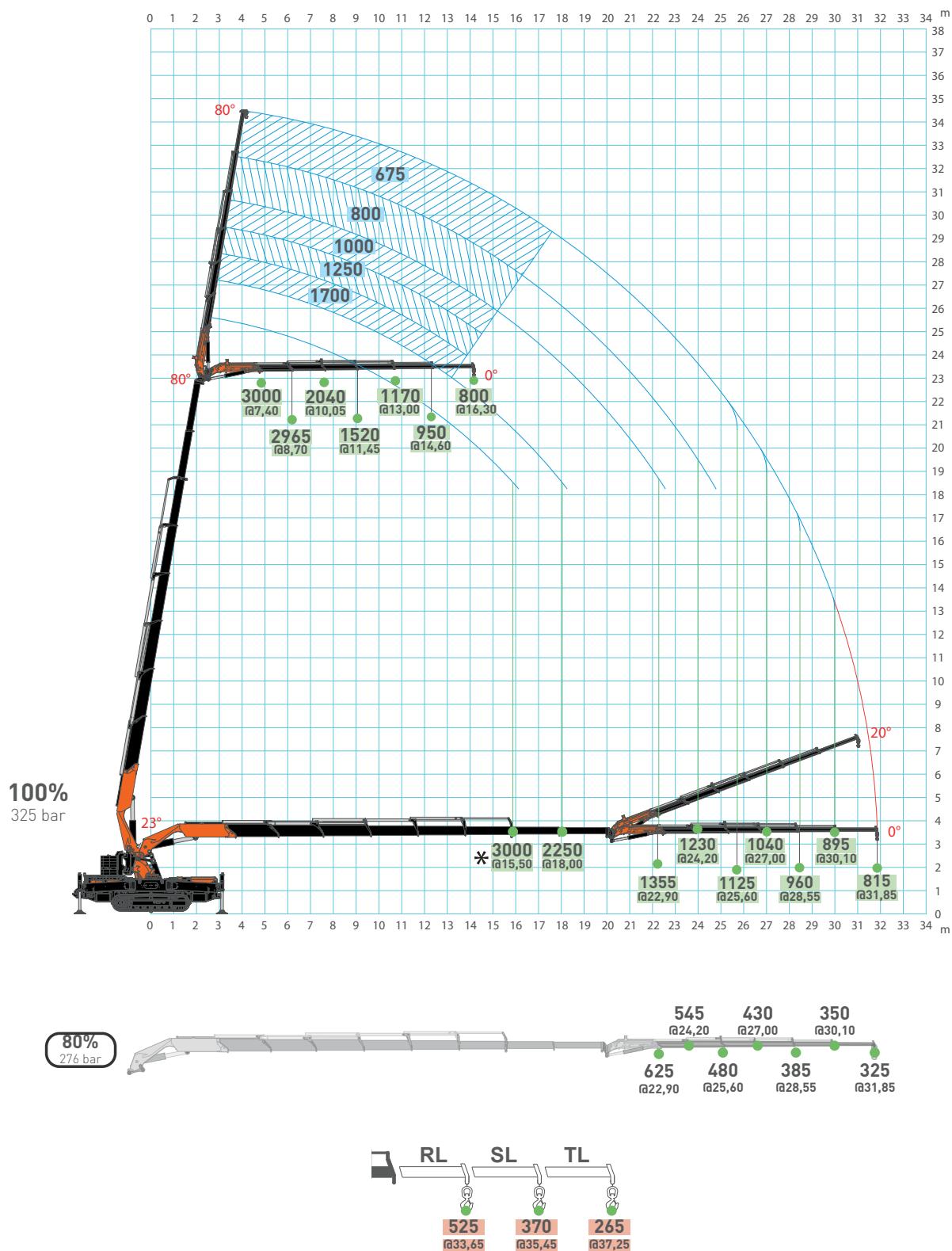


V30



[m] [kg]

JIB5400.6HA

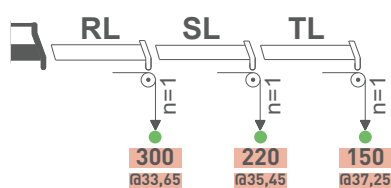
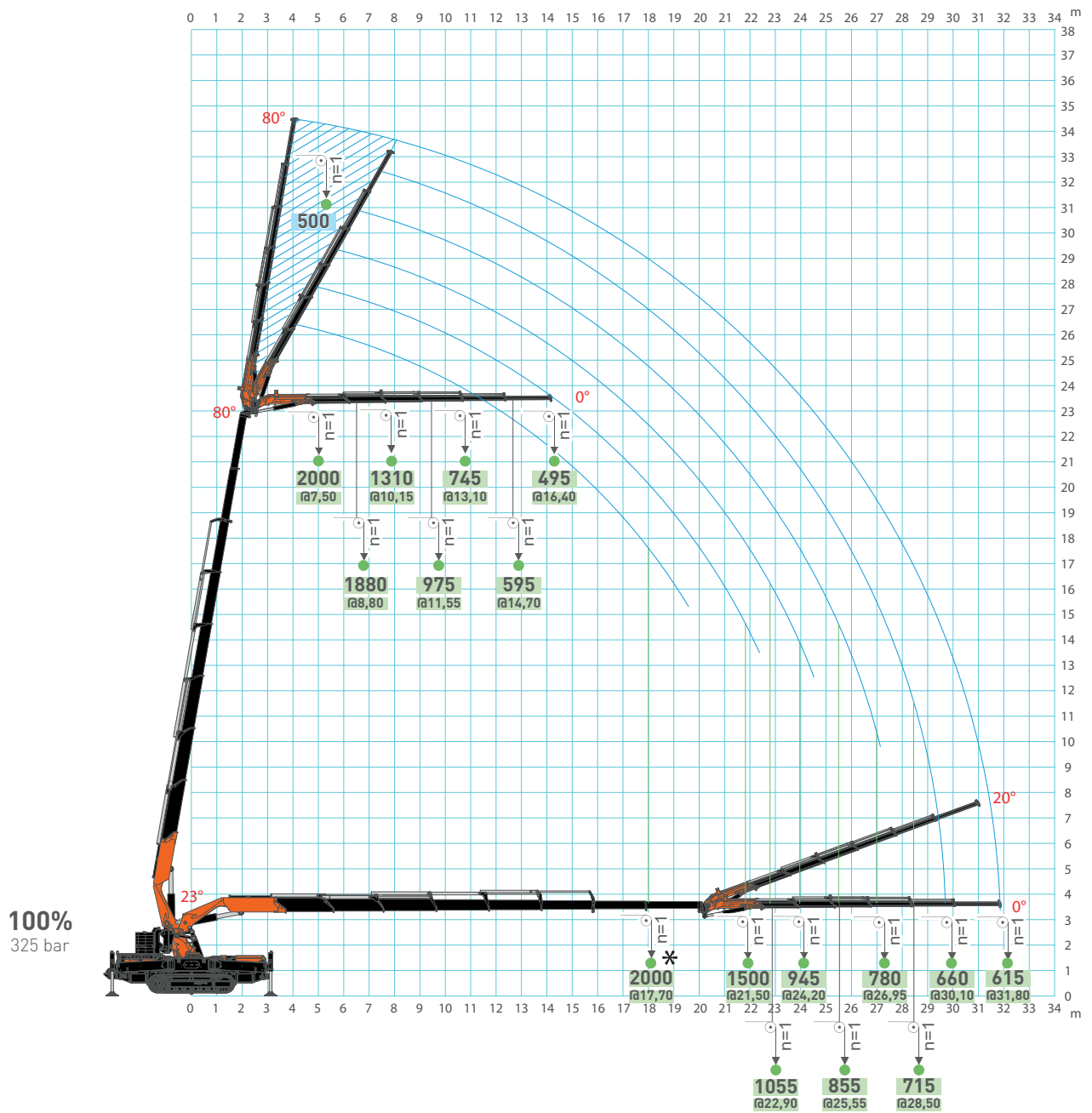


[m] [kg] The load chart refers to the crane in deflection condition.

JIB5400.6HA



V30

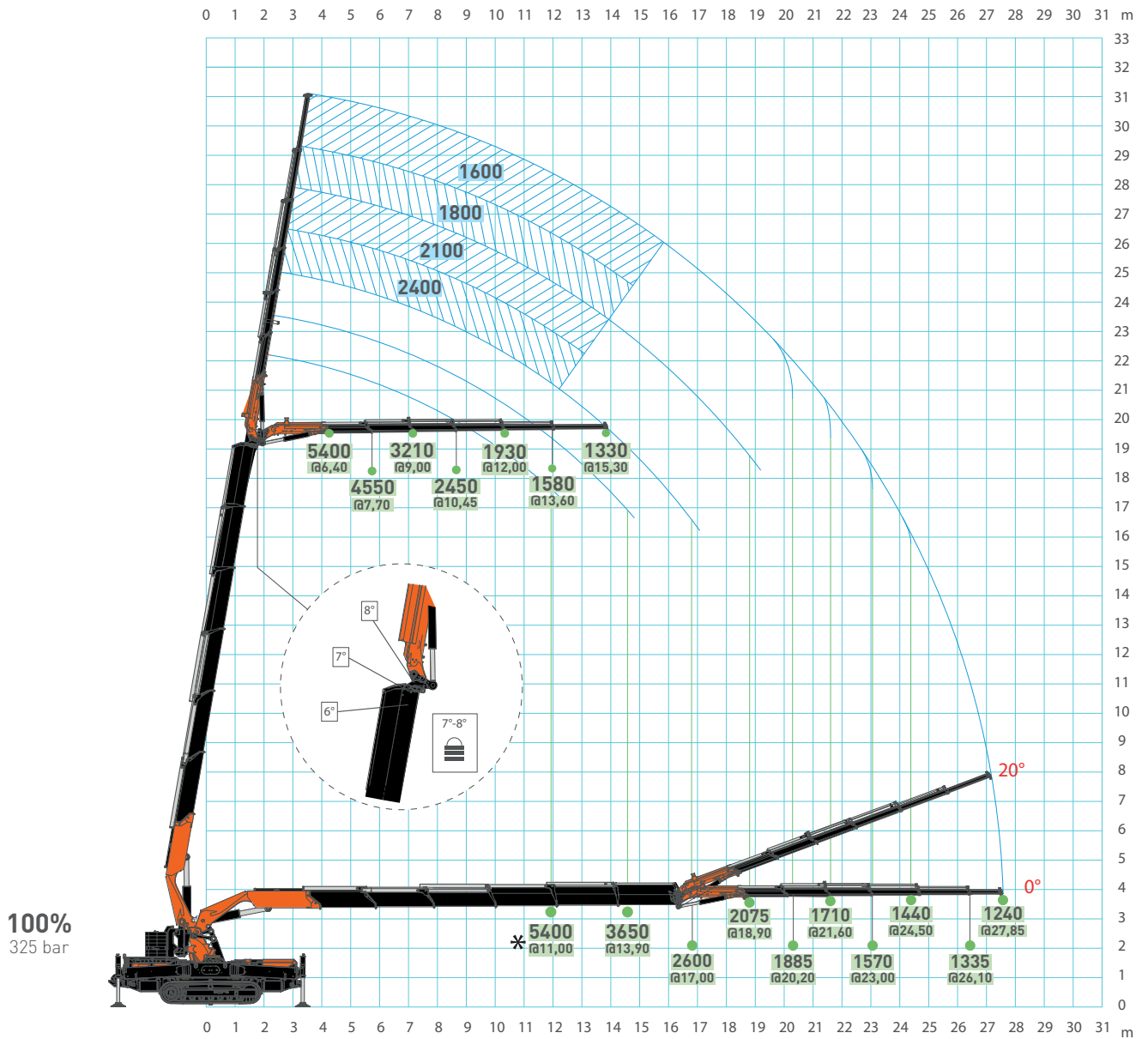


The load chart refers to the crane in deflection condition.

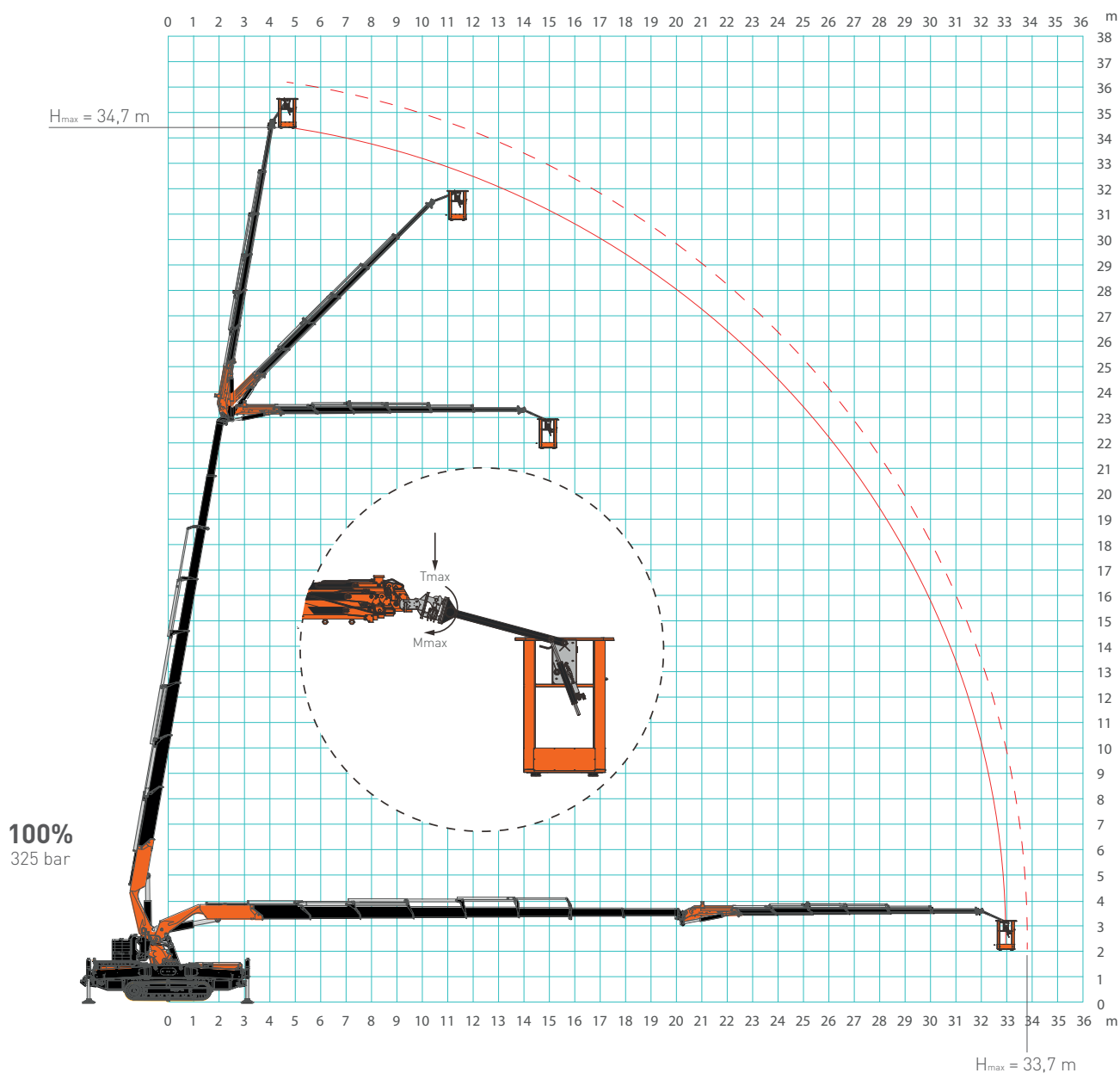
[m] [kg]

JIB5400.6HA

JDP configuration



MWP-2PG.JIB5400.6HA



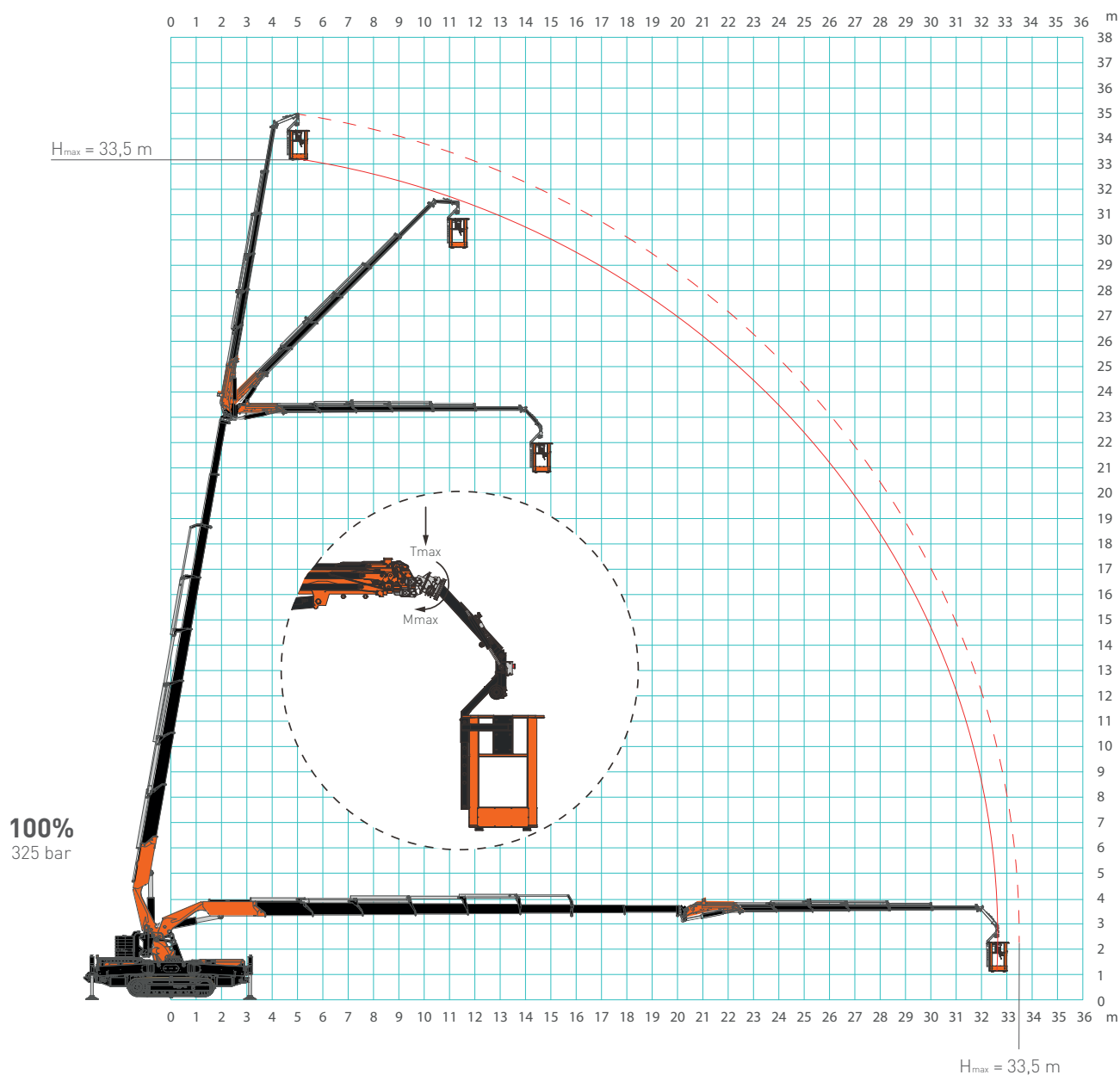
PLE	MWP-2PG.JIB5400.6HA	P_{max}	200 kg
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*: The load chart refers to the crane in deflection condition.

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

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

MWP-2PGR.JIB5400.6HA



PLE	MWP-2PGR.JIB5400.6HA	P _{max}	200 kg
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*: The load chart refers to the crane in deflection condition.

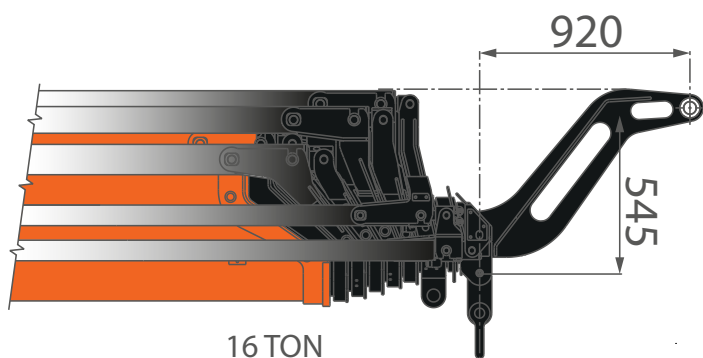
** : The crane is equipped with LMI. The maximum reachable distance may vary by about 1m.

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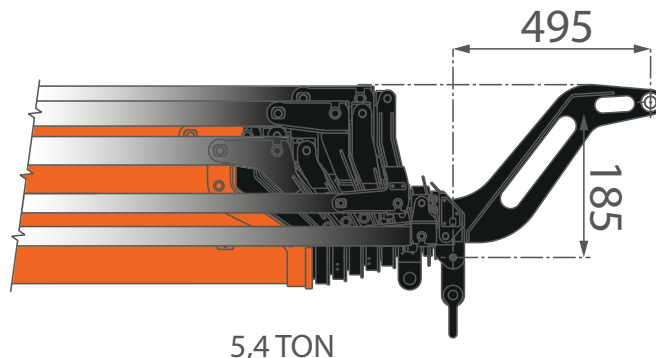
ACCESSORIES FEATURES

MEH-JF990.8

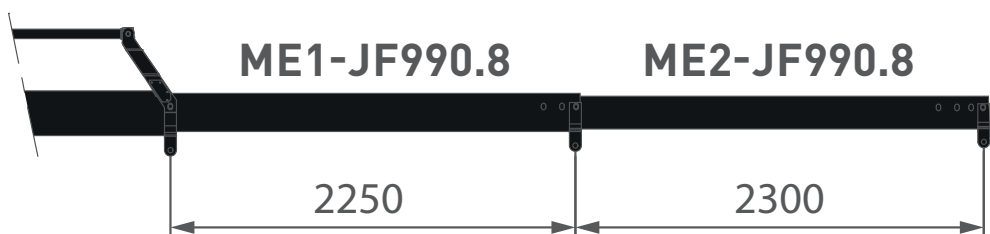
MEH-JIB5400.6HA



16 TON



5,4 TON



ME1-JF990.8

ME2-JF990.8

ME1-JIB5400.6HA

ME2-JIB5400.6HA

ME3-JIB5400.6HA



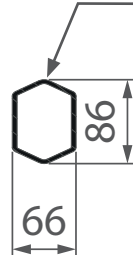
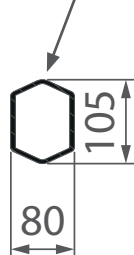
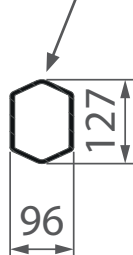
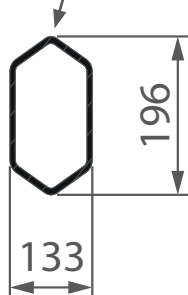
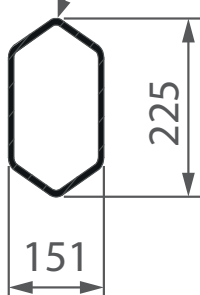
ME1-JF990.8

ME2-JF990.8

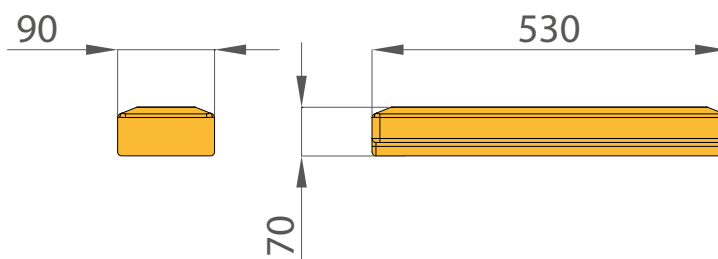
ME1-JIB5400.6HA

ME2-JIB5400.6HA

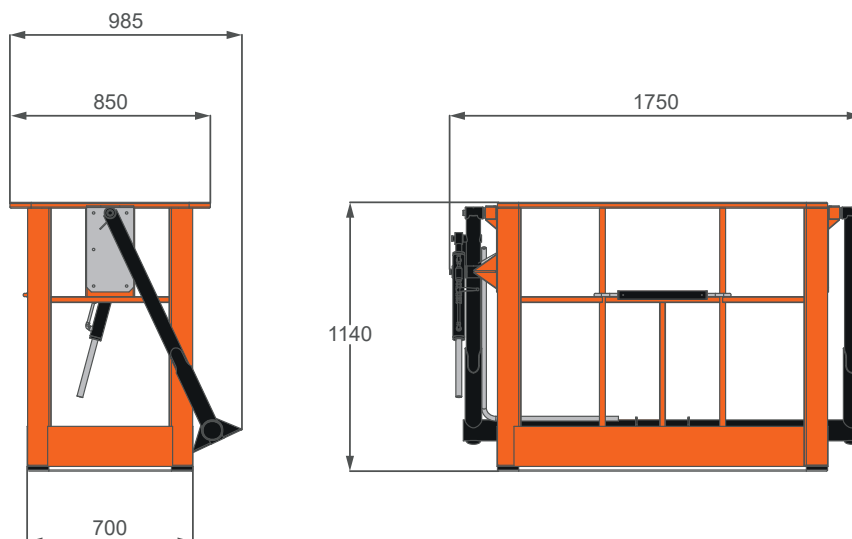
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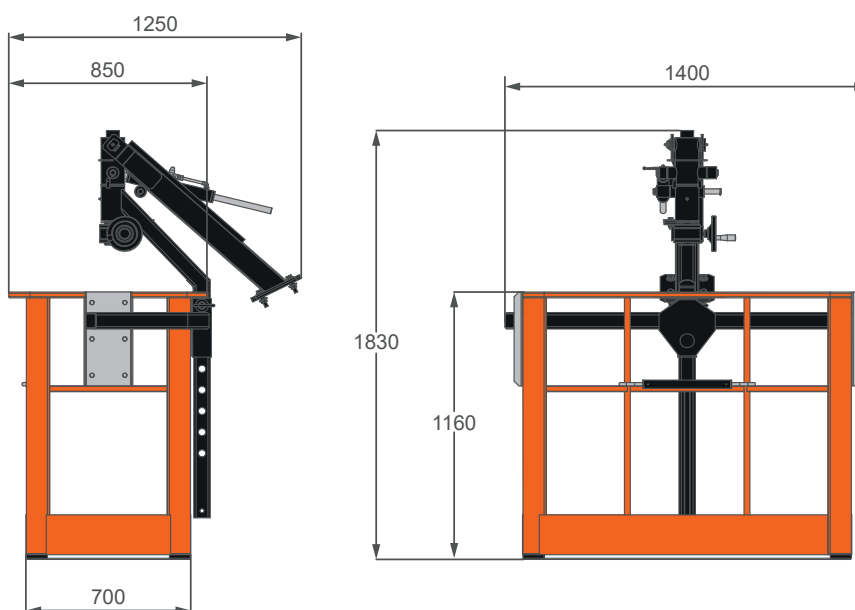
WTP-JFX

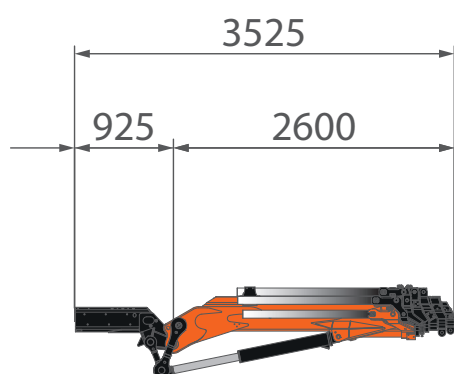


MWP-2PG.JIB5400.6HA



MWP-2PGR.JIB5400.6HA



JIB5400.6HA

SYMBOLS

	Weight		Diesel Engine		Boom Angle		Outriggers Mats
	Crane		Powerpack		Boom Length		Hydraulic Oil
	Gradeability		Turret Slewing		Jib		Maximum Outriggers Load
	Travel Speed		Electric Engine		Hookblock		Working Temperature
	Track Load		Maximum Capacity		Low Marking Pads		Main Winch
	Person Lifting Equipment		Hook				

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

REMARKS REFERRING TO LOAD CHART

- HC1 HD5 S2 lifting class, according to EN12999:2020 standards.
- Lifting capacities are given in kilograms.
- Hookblocks, hooks and eventual manual extensions weight is part of the load and therefore must be deducted from lifting capacities.
- Working radius is measured from the column slewing axis.
- Subject to modification of lifting capacities.
- 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.

14.05.2025 | Rev1.0

SERIAL NUMBER:



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