



Technical Data

Specification & Capacities

JF235



EN 12999:2020

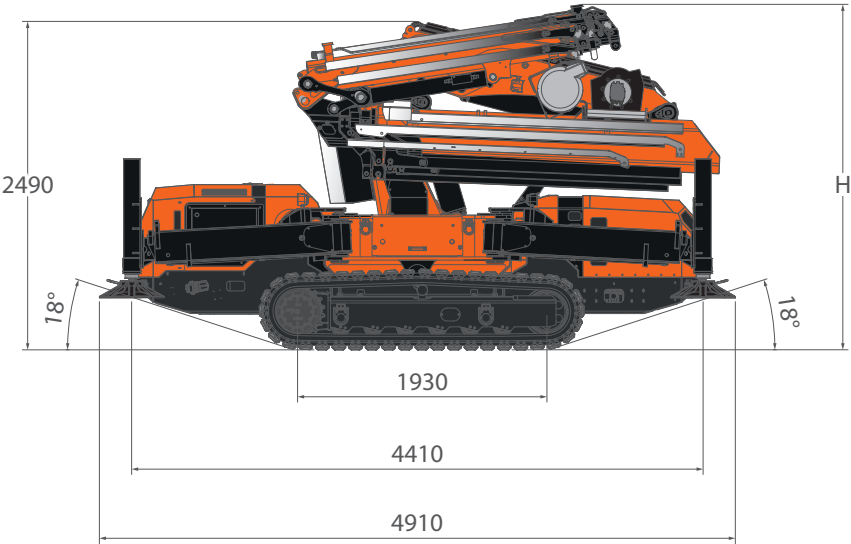
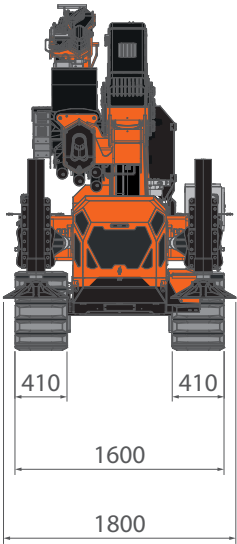
17.09.2024 | Rev1.1

[m] [kg]

JF235 CDH-3 Overall Dimensions

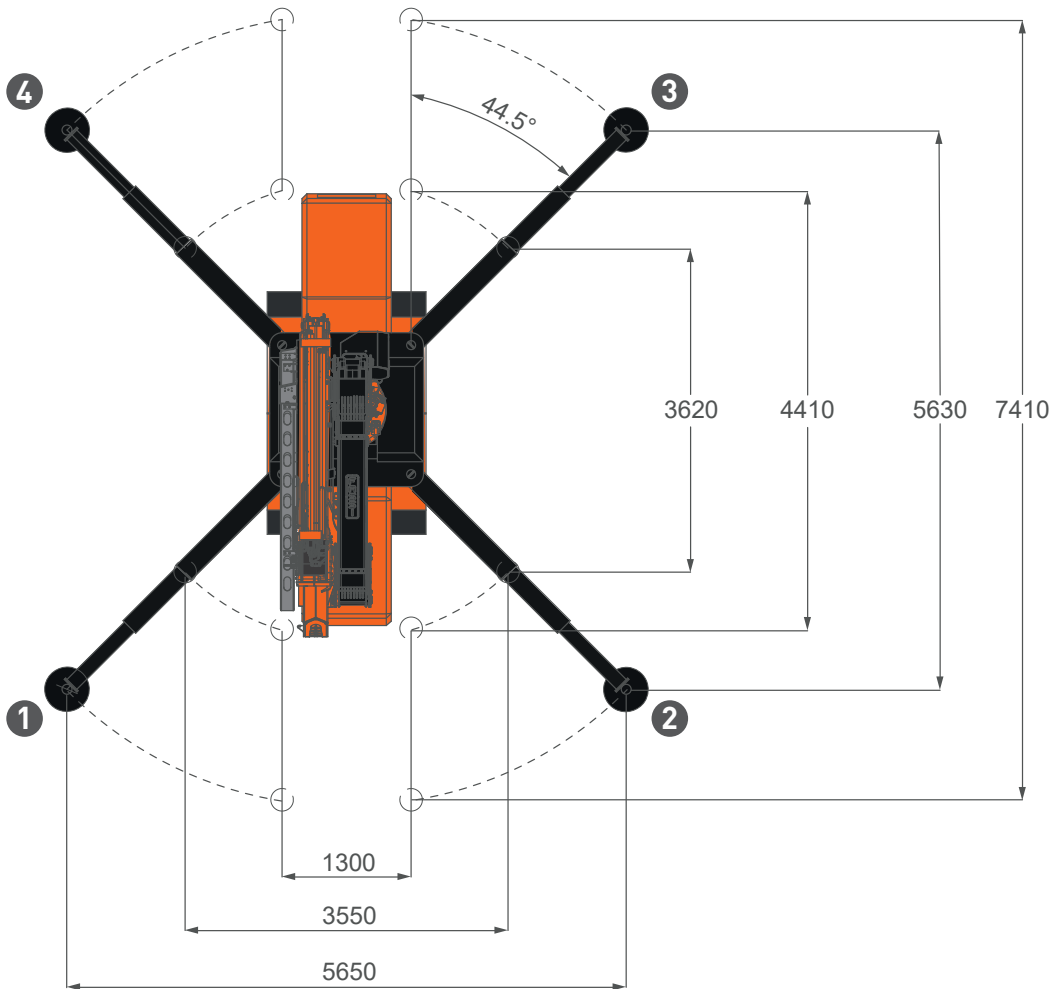
OVERALL DIMENSIONS

(with jib and low marking pads)



H	WITH ACTIVATION	2800
	W/O ACTIVATION	2630

STABILITY AREA



[mm]

OVERALL INFORMATIONS

CRANE INFO	NAME		DESCRIPTION	U.M	VALUE
		OVERALL DIMENSIONS	Height	mm	2.800
			Length		4.910
			Width		1.800
		BOOM	Length	m	12,7
			Speed	s	27
		SLEWING	Angle	°	360°
			Speed	rpm	1,5
		LIFTING	Working Angle	°	82
			Speed	s	Primary: 18 Secondary: 19
		Max Capacity		kg	6.150
		Max Outrigger Bearing Load		kg	10.150 [†]
		Track load		kg/cm ²	0,60
		Travel Speed	Slow	km/h	0,9
			Fast		1,8
			Kickdown		2,3
		Gradeability		°	15° (27%)
		Working Temperature		°C	-20°/+40°
		Sound Emissions		dB	99

WEIGHT		CRANE	JF235CDH-3	kg	9.470*
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*: Dry weight

†: In maximum stability condition

JF235 CDH-3 Overall Informations

HOOKBLOCKS		HOOKBLOCKS	Single Fall	kg	20
			Double Fall		49
			Single Fall Jib		74

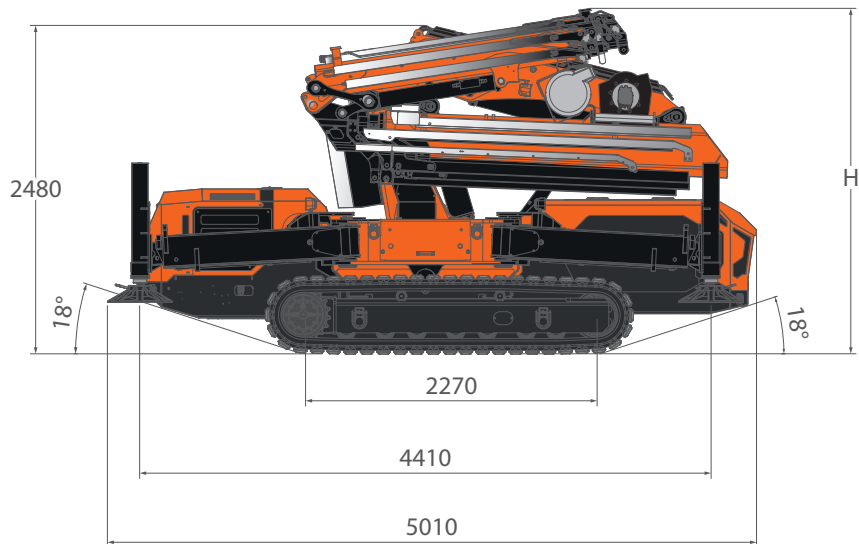
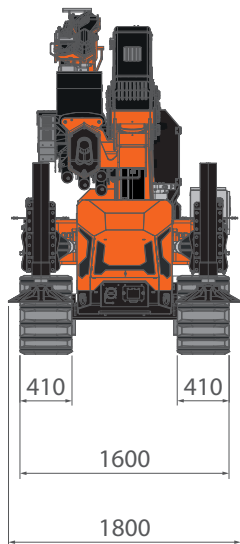
ACCESSORIES		JIB	JIBL214	With activation	kg	770	
				Without activation		700	
		MANUAL EXTENSIONS	ME1-JF235.4			kg	85
			ME2-JF235.4				70
			ME3-JF235.4				45
			MEH-JF235.4				35
			ME1-JIB2500.4HA				21
			MEH-JIB2500.4HA				15
		LOW MARKING PADS	WTP-JFM (x76)			kg	190
		OUTRIGGERS MATS	OM500 (x4)			kg	92
		POWERPACK	3-Phase Power pack			kg	80
		PLE	MWP-1PG.JIB2500.4HA			kg	110
			MWP-2PG.JIB2500.4HA				136
			MWP-2PGR-A.JIB2500.4HA				150

ENGINE		DIESEL ENGINE	Power	kW	33
				HP	44,9
			Tank capacity	L	52
		ELECTRIC MOTOR	Voltage	V	400
			Power	kW	13,5

HYDRAULIC SYSTEM		Working Pressure		bar	320
		Tank Capacity		L	120
		OIL	Type	Mineral	ISO 6743-4:HV
			Viscosity Grade	VG	46
		DIESEL MAIN PUMP	Type	Variable flow LS Pump	
			Displacement	cm ³ /rev	28
			Max Oil Flow	L/min	80
		ELECTRIC MOTOR MAIN PUMP	Type	Variable flow LS Pump	
			Displacement	cm ³ /rev	45
			Max Oil Flow	L/min	60

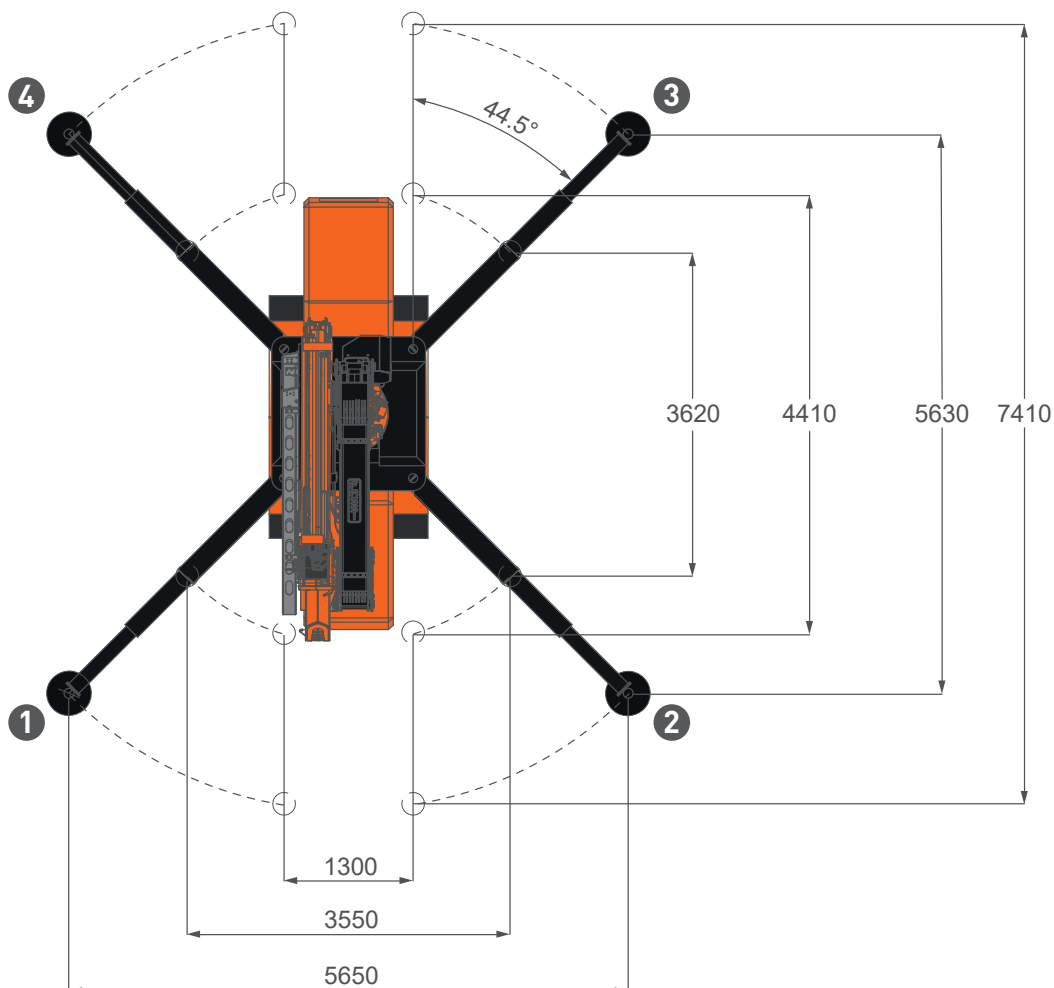
OVERALL DIMENSIONS

(with jib and low marking pads)



H	WITH ACTIVATION	2790
	W/O ACTIVATION	2620

STABILITY AREA



[mm]

OVERALL INFORMATIONS



	NAME		DESCRIPTION	U.M	VALUE	
CRANE INFO		OVERALL DIMENSIONS	Height	mm	2.790	
			Length		5.010	
			Width		1.800	
		BOOM	Length	m	12,7	
			Speed	s	27	
		SLEWING	Angle	°	360°	
			Speed	rpm	1,5	
		LIFTING	Working Angle	°	82	
			Speed	s	Primary: 18	
					Secondary: 19	
		Max Capacity			kg	6.150
		Max Outrigger Bearing Load			kg	-†
		Track load			kg/cm²	0,53
		Travel Speed	Slow		km/h	0,9
			Fast			1,8
Kickdown			2,0			
	Gradeability			°	15° (27%)	
	Working Temperature			°C	-20°/+40°	

WEIGHT		CRANE	JF235CL	kg	9.780
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[†]: In maximum stability condition

JF235 CL Overall Informations

HOOKBLOCKS		HOOK BLOCK	Single Fall	kg	20
			Double Fall		49
			Single Fall Jib		74

ACCESSORIES		JIB	JIBL214	With activation	kg	770	
				Without activation		700	
		MANUAL EXTENSIONS	ME1-JF235.4			kg	85
			ME2-JF235.4				70
			ME3-JF235.4				45
			MEH-JF235.4				35
			ME1-JIB2500.4HA				21
			MEH-JIB2500.4HA				15
		LOW MARKING PADS	WTP-JFM (x76)			kg	190
		OUTRIGGERS MATS	OM500 (x4)			kg	92
		PLE	MWP-1PG.JIB2500.4HA			kg	110
			MWP-2PG.JIB2500.4HA				136
			MWP-2PGR-A.JIB2500.4HA				150



MOTOR		ELECTRICAL MOTOR	Power Supply	Lithium Battery	
			Battery Voltage	V	48
			Battery Capacity	Ah	1.312
			Motor Power	kW	12

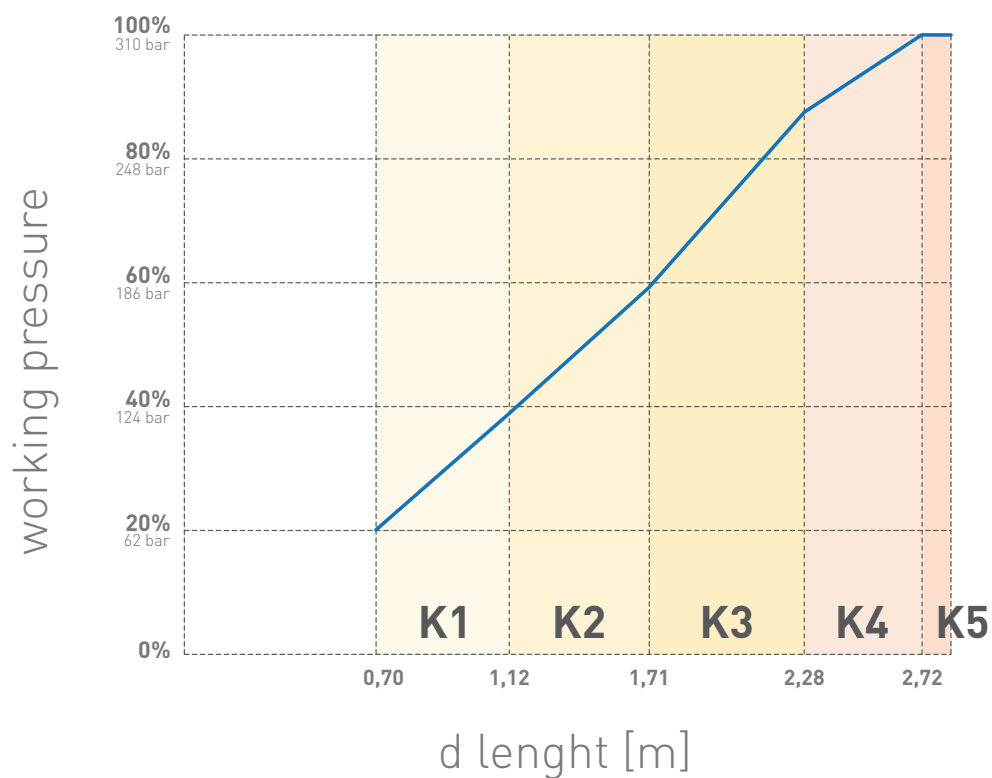
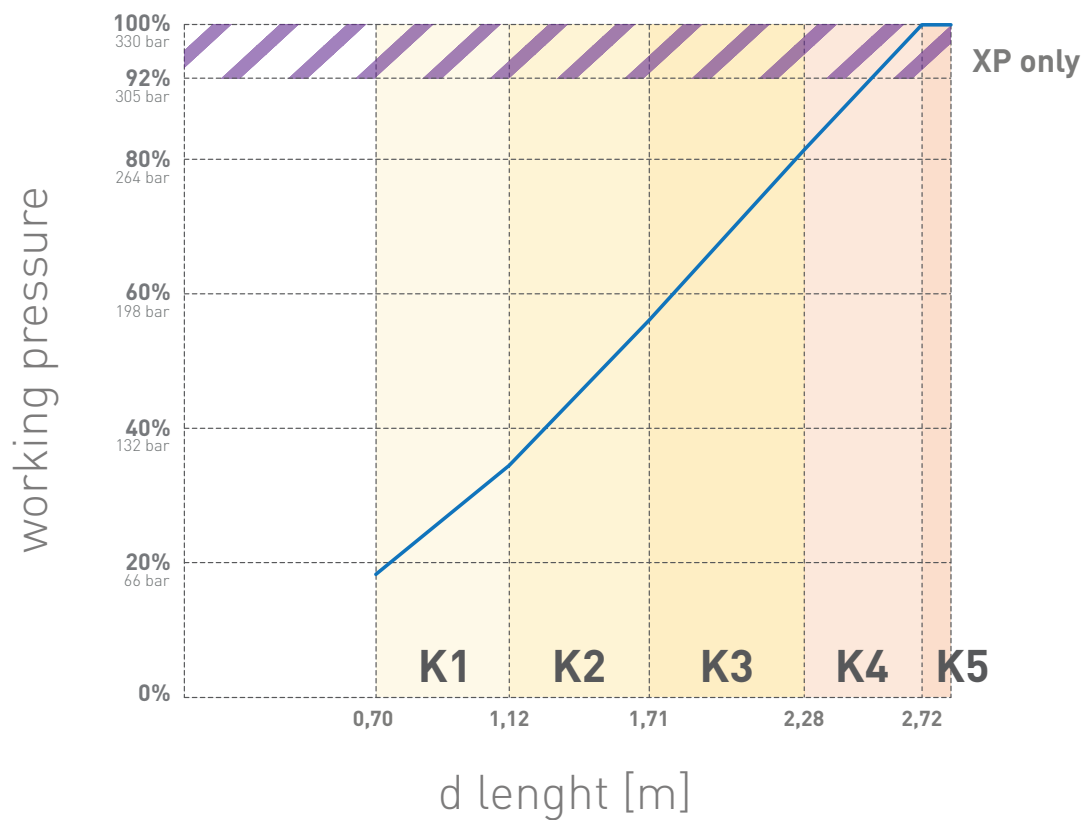
HYDRAULIC SYSTEM		Working Pressure		bar	320
		Tank Capacity		L	120
		OIL	Type	Mineral	ISO 6743-4:HV
			Viscosity Grade	VG	46
		MAIN PUMP	Type	Variable flow LS Pump	
			Displacement	cm ³ /rev	28
			Max Oil Flow	L/min	80

WINCH PERFORMANCE

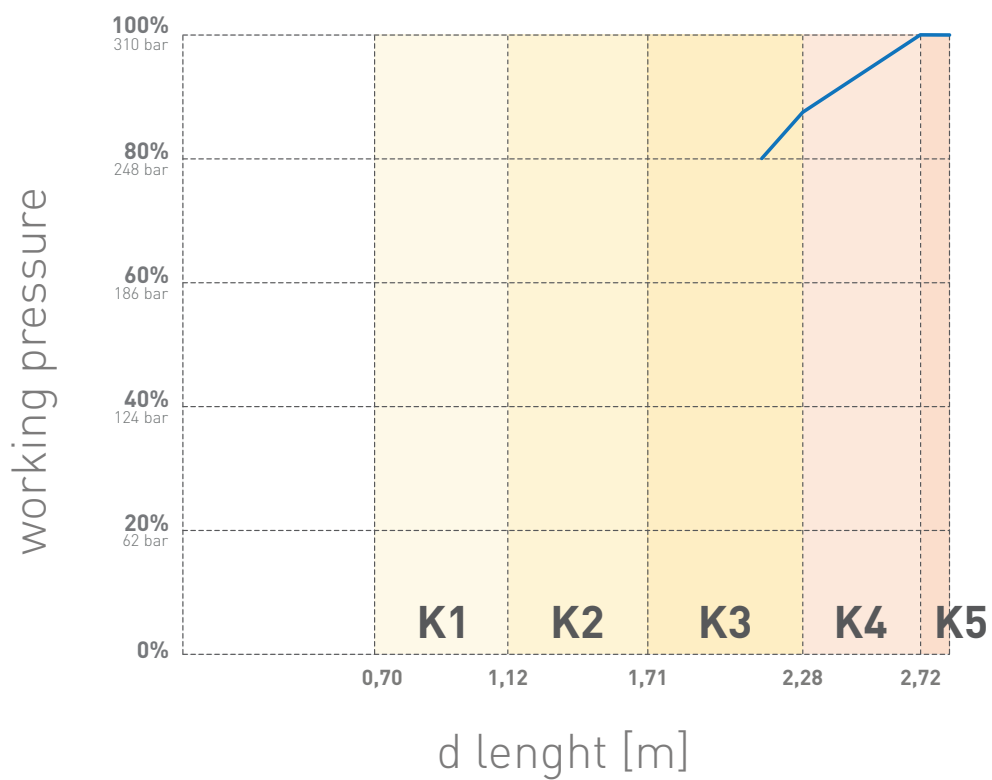
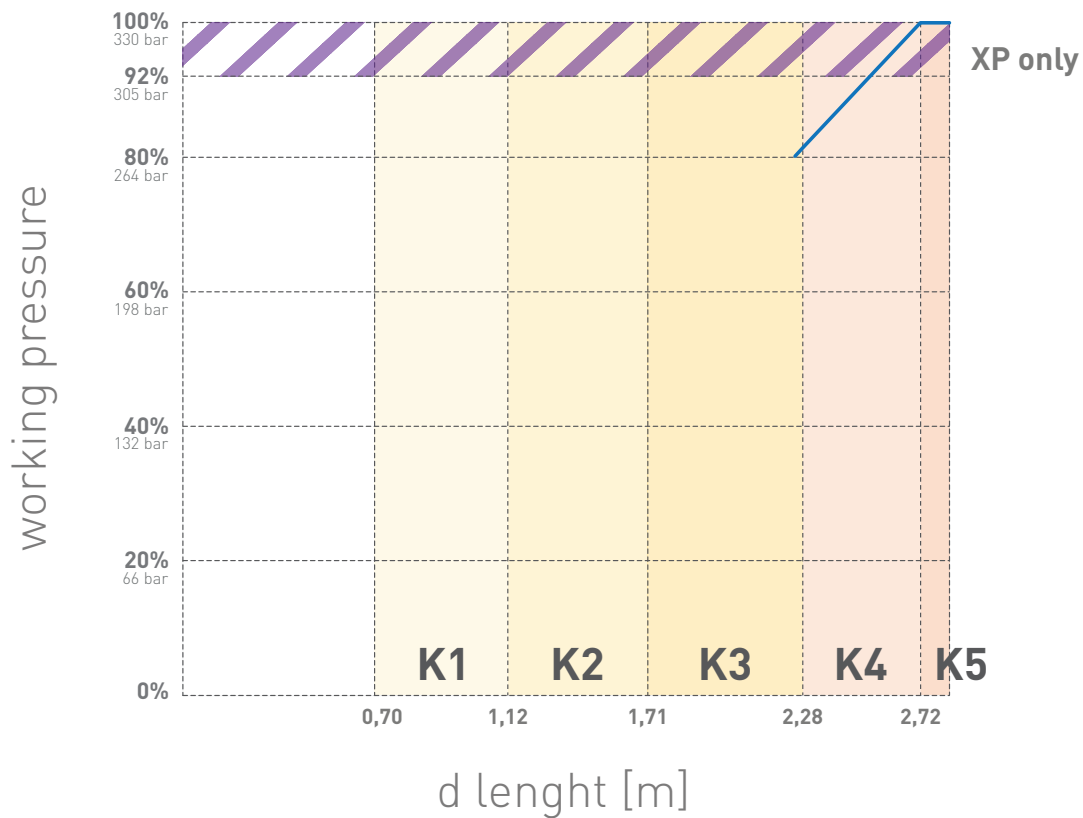
WINCH	Layer		Max pull line	Standard rope speed
			daN	m/min
	1		2.000	39,2
ROPE	4		1.556	50,3
	Wire rope	Max load	Ø	Total length
		daN	mm	m
	19x7 right lang lay Non rotating	9.330	10	40

HOOK BLOCK	Block type	Load	N° of	
			Sheaves	Lines
		kg		
	Double fall block	3.000	1	2
	Single fall block	1.500	-	1

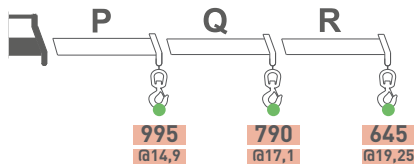
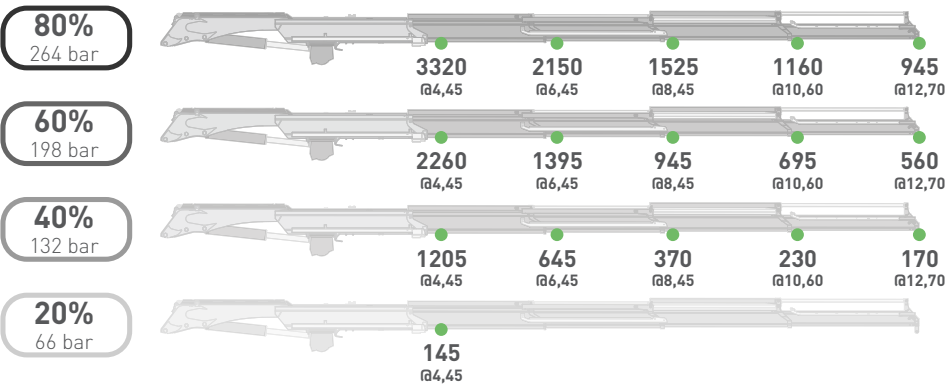
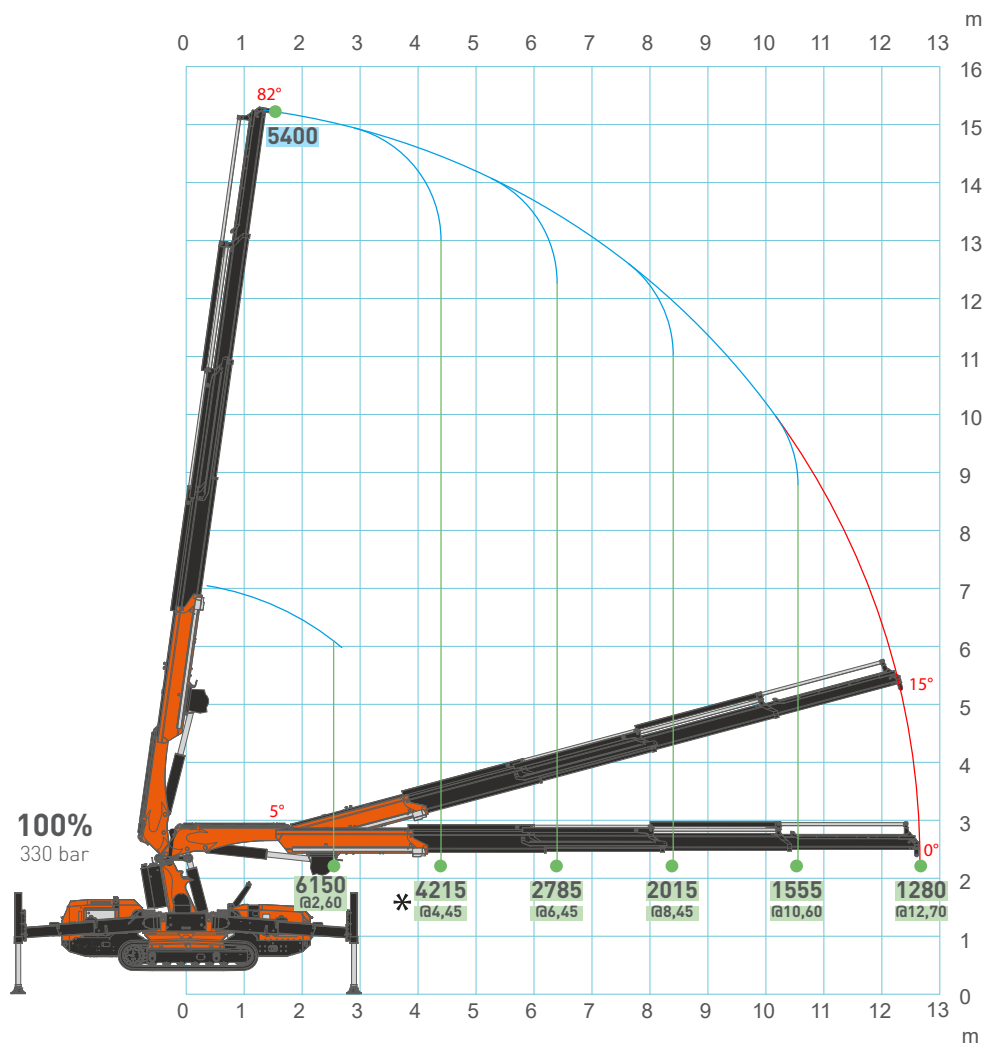
MAIN BOOM



JIB

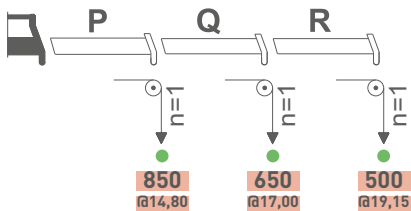
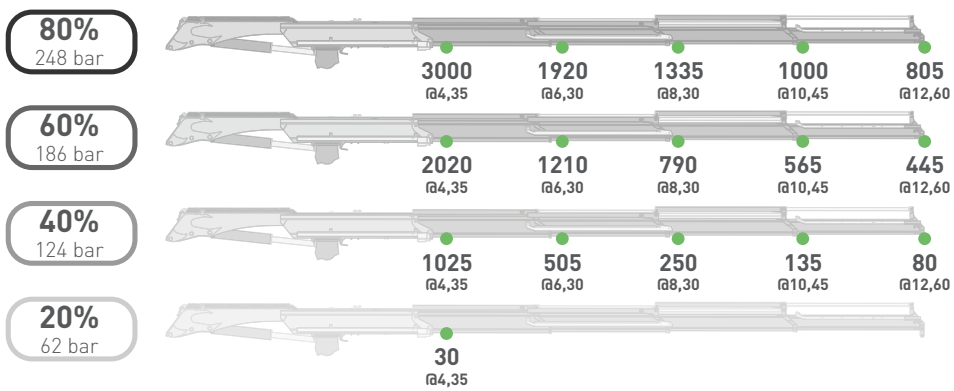
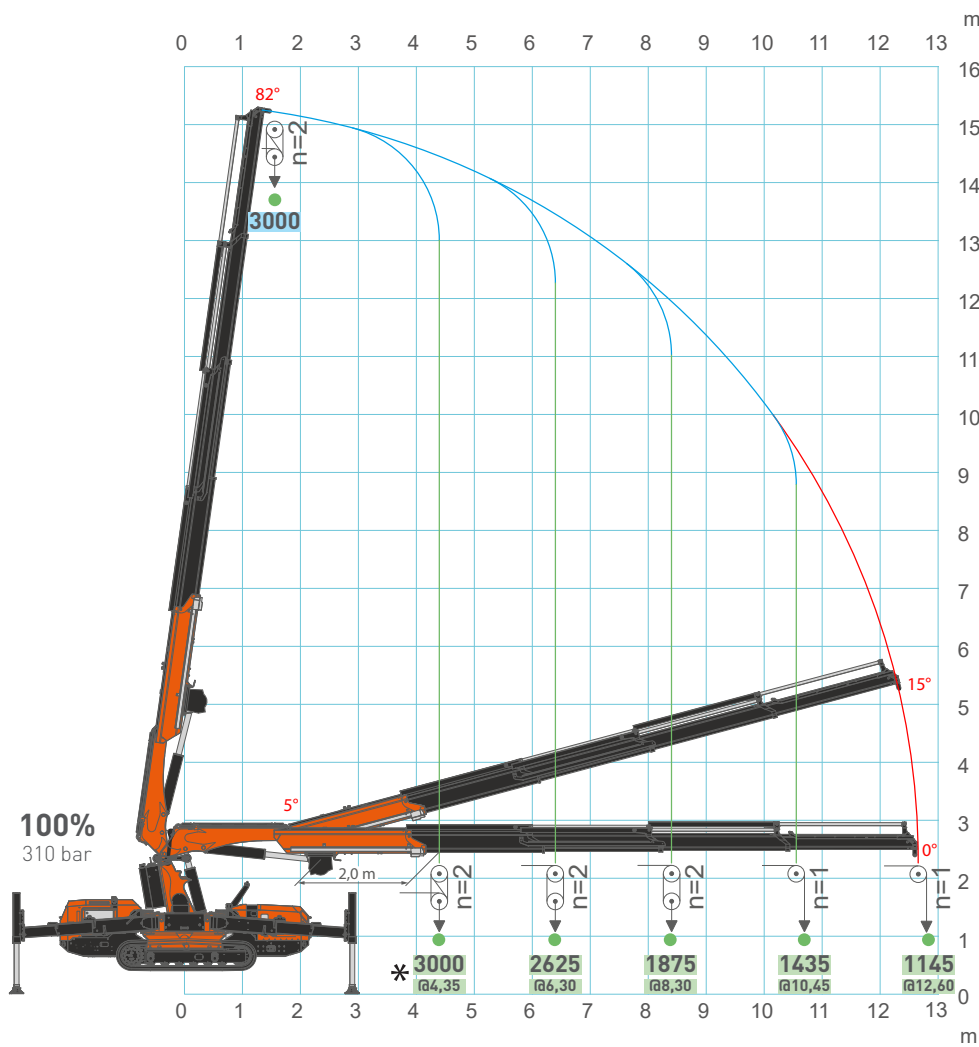


MAIN BOOM



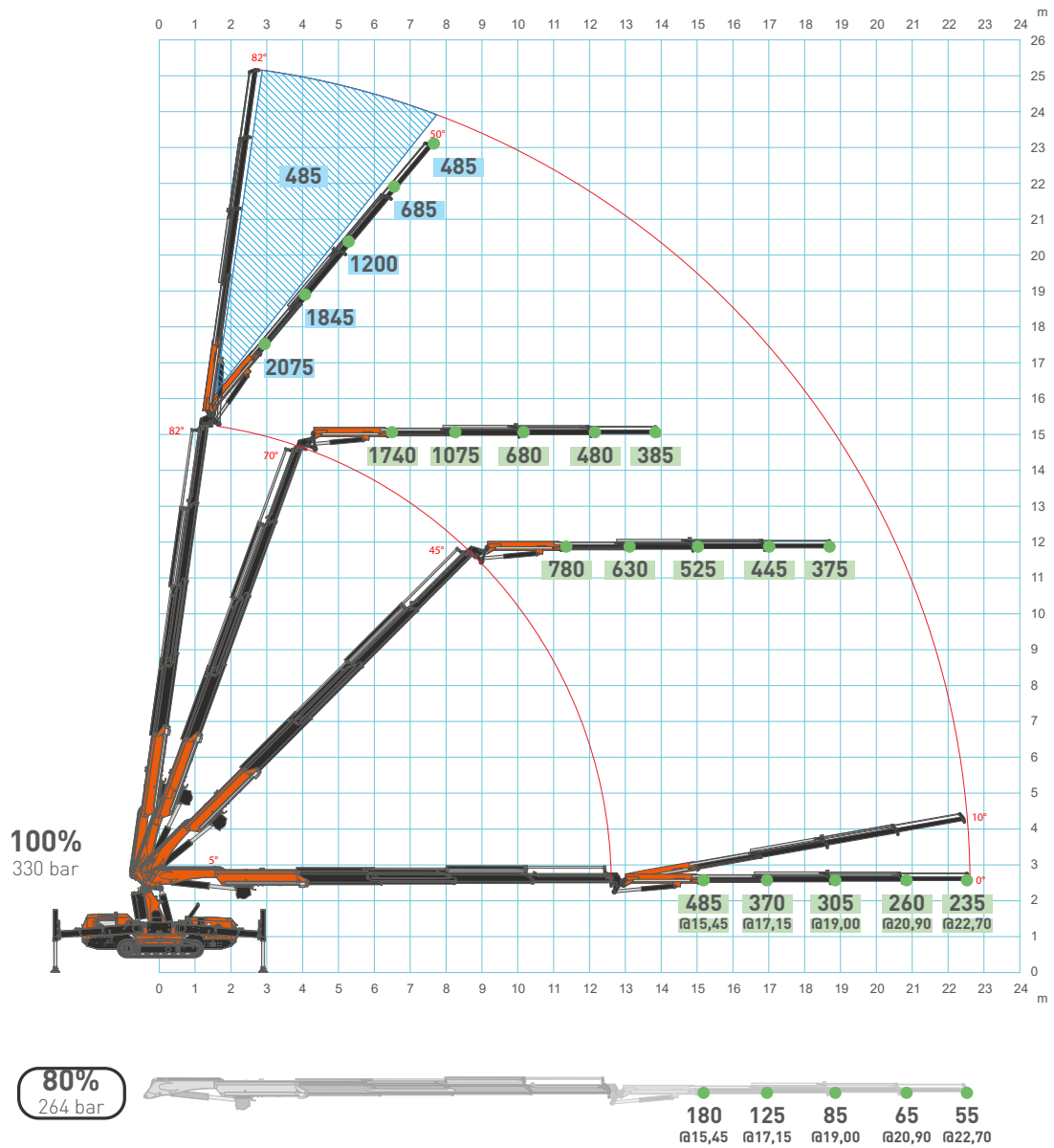
[m] [kg]

MAIN BOOM



[m] [kg]

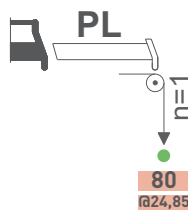
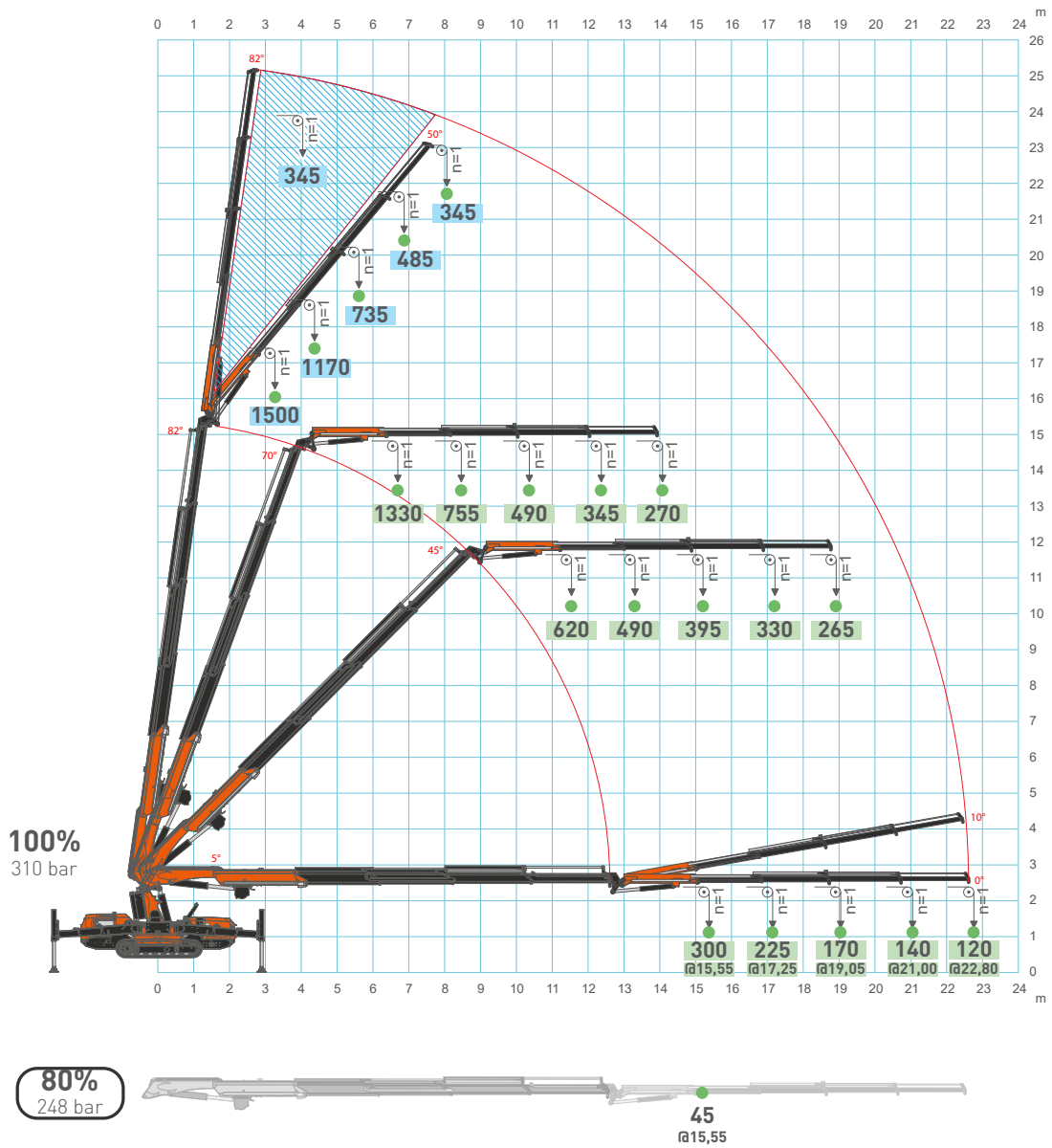
JIB



[m] [kg]

JF235 Jib load chart

JIB

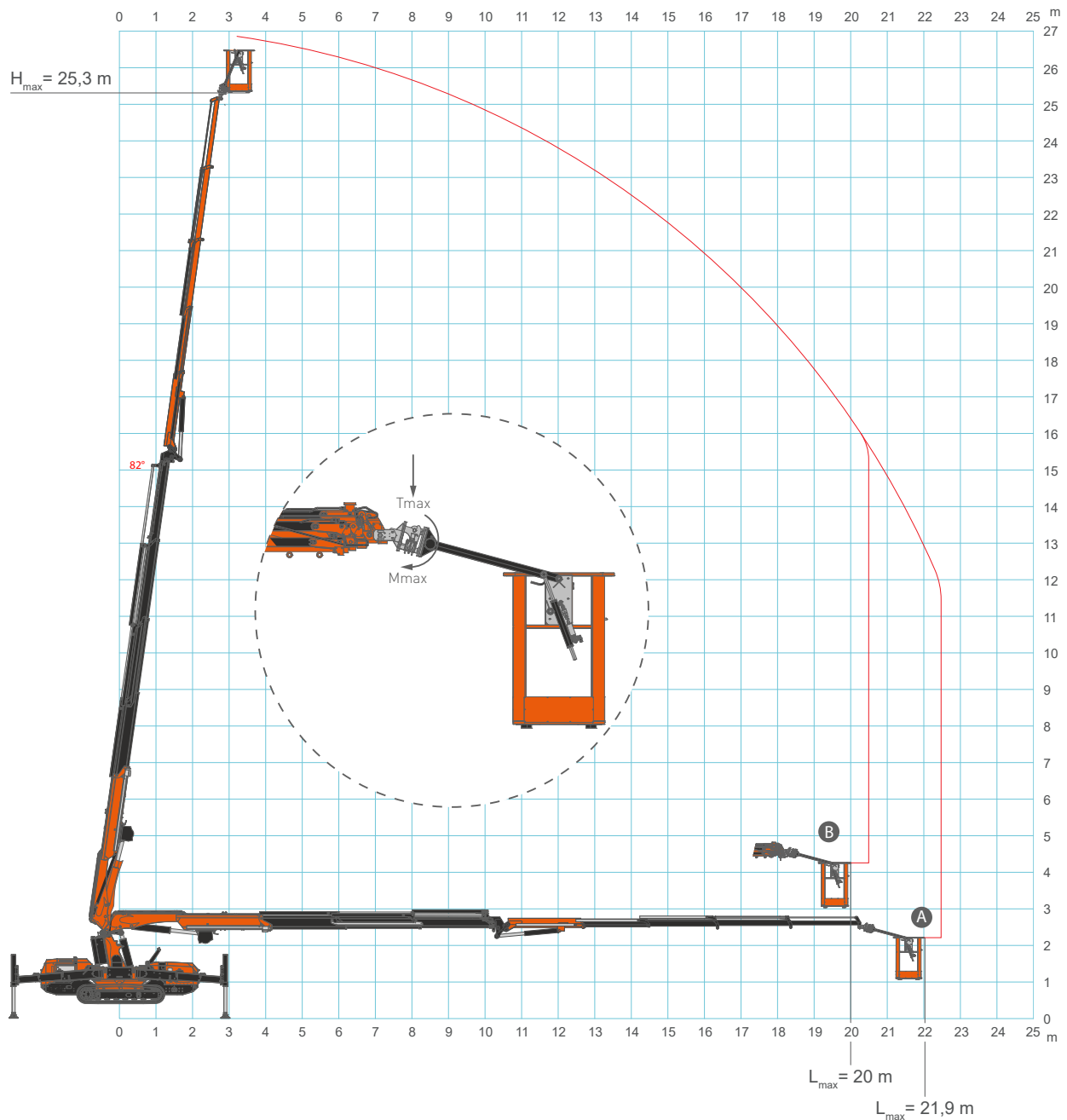


[m] [kg]

PLE



V15



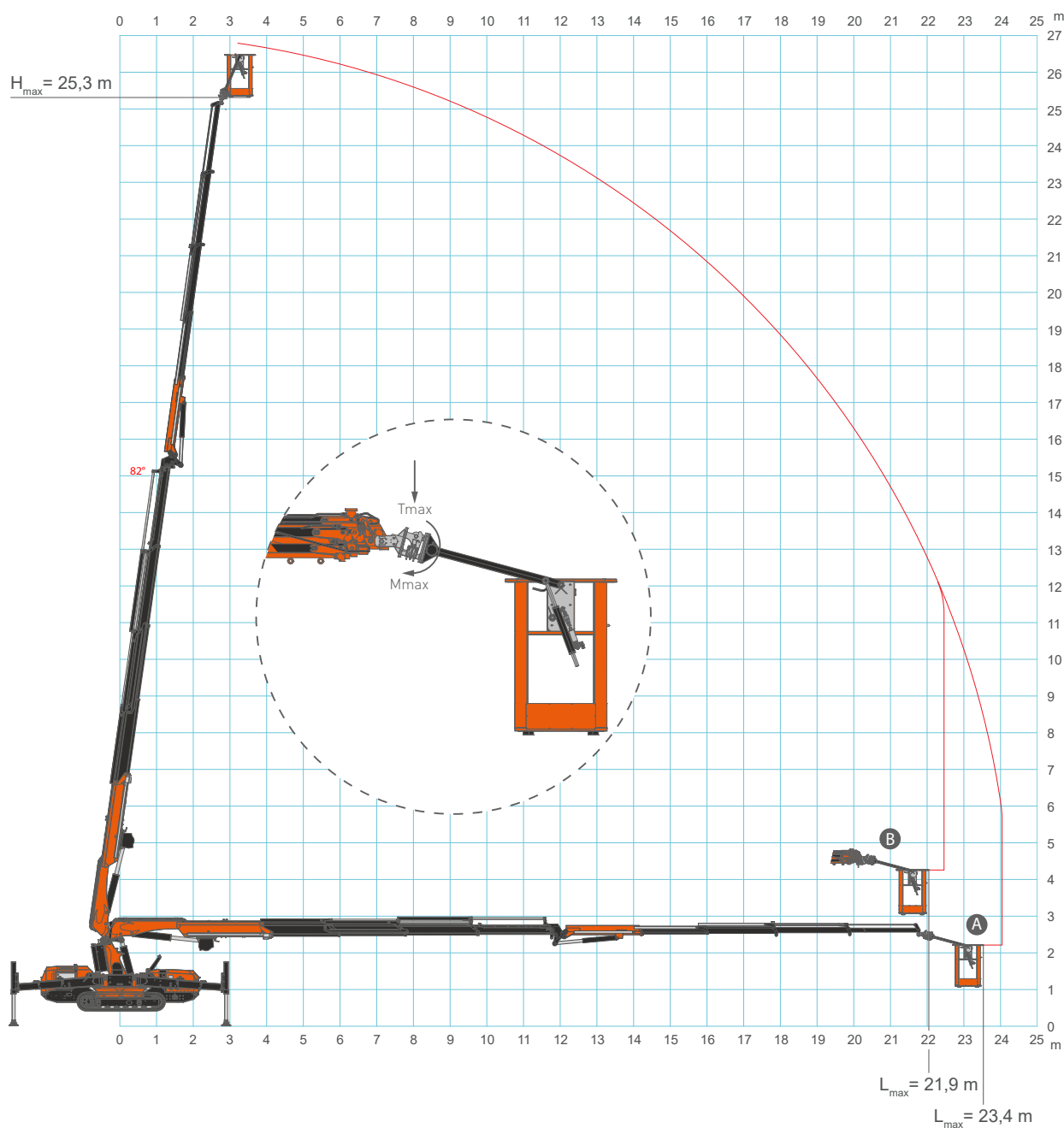
A	PLE	MWP-1PG.JIB2500.4HA	P_{max}	120 kg
		MWP-2PG.JIB2500.4HA	P_{max}	200 kg

*: 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.

JF235 Iron working platform chart

PLE



A	PLE	MWP-1PG.JIB2500.4HA	P_{max}	120 kg
		MWP-2PG.JIB2500.4HA	P_{max}	200 kg

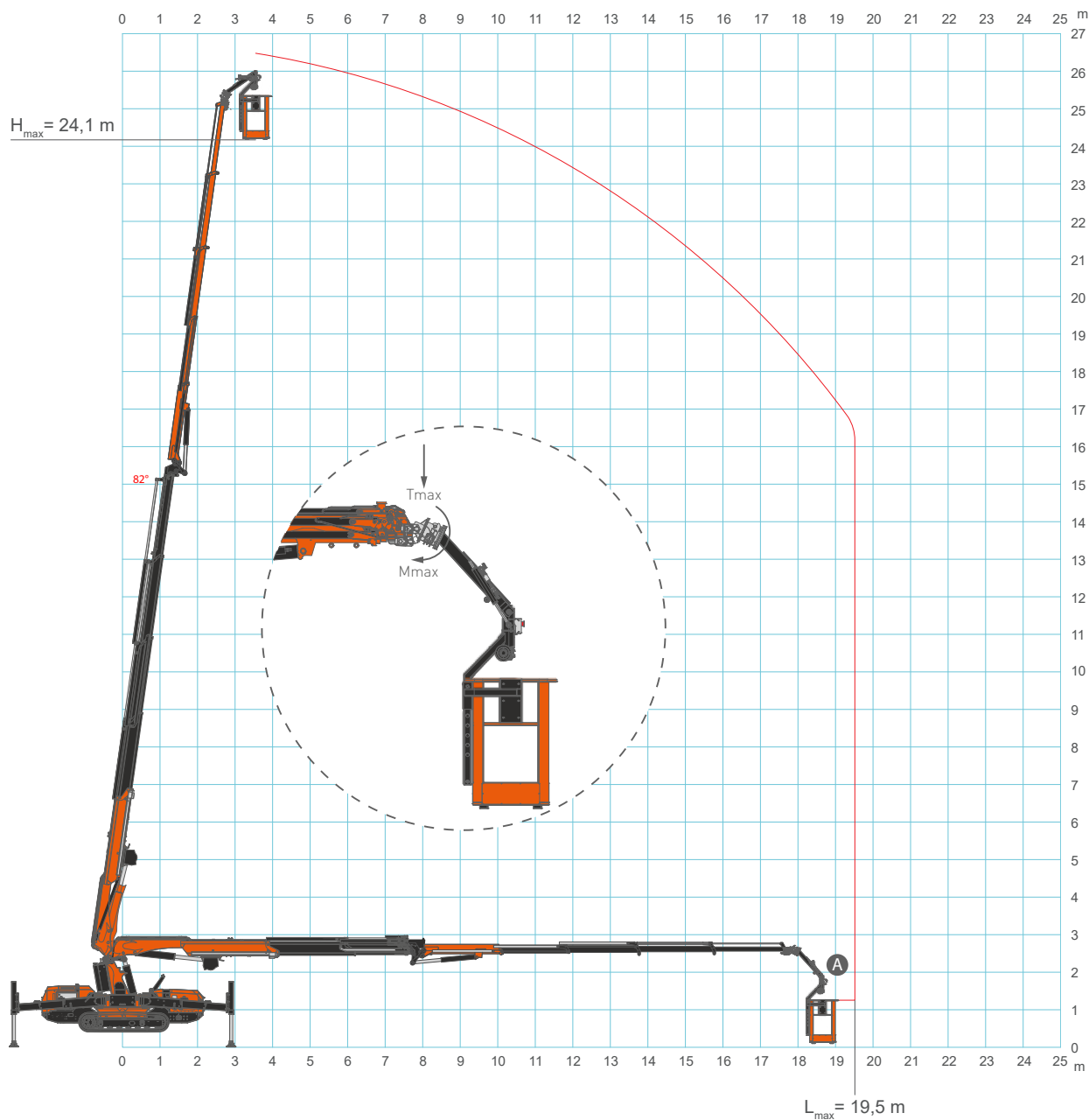
*: La gru è dotata di LMI. Lo sbraccio massimo potrebbe variare di circa 1m.

** : Lo sbraccio massimo viene raggiunto sfilando prima con il jib e poi con il braccio principale.

PLE



V15



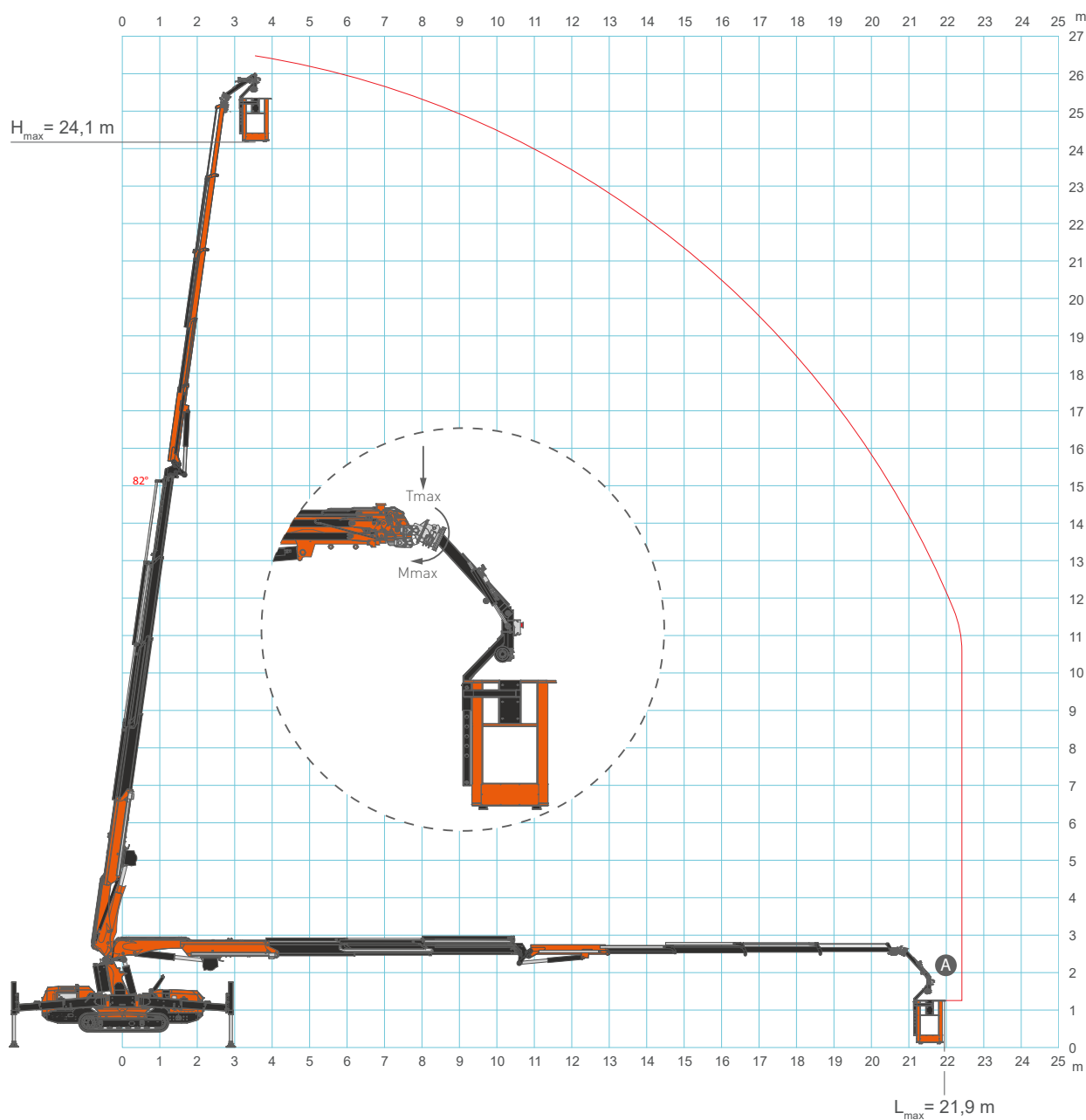
A	PLE	MWP-2PGR-A.JIB2500.4HA	With activation	P_{max}	200 kg
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*: La gru è dotata di LMI. Lo sbraccio massimo potrebbe variare di circa 1m.

** : Lo sbraccio massimo viene raggiunto sfilando prima con il jib e poi con il braccio principale.

JF235 Aluminum working platform chart

PLE



A	PLE	MWP-2PGR-A.JIB2500.4HA	Without activation	P_{max}	200 kg
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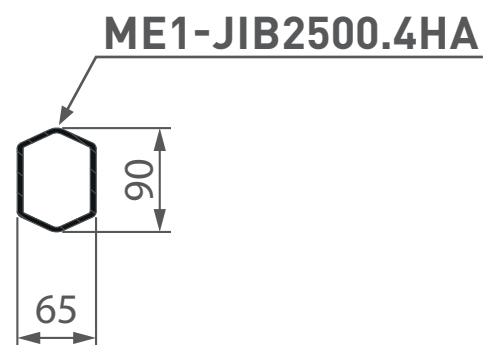
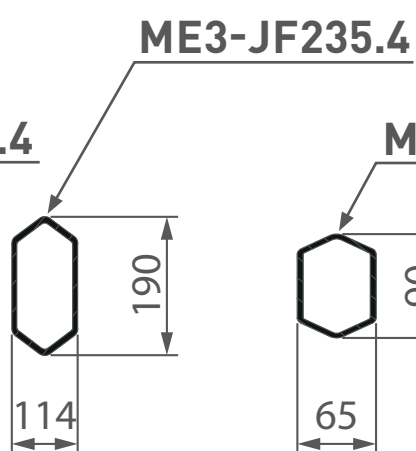
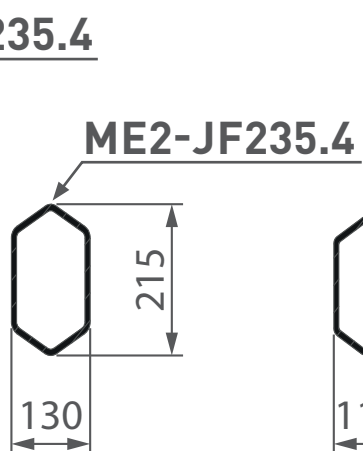
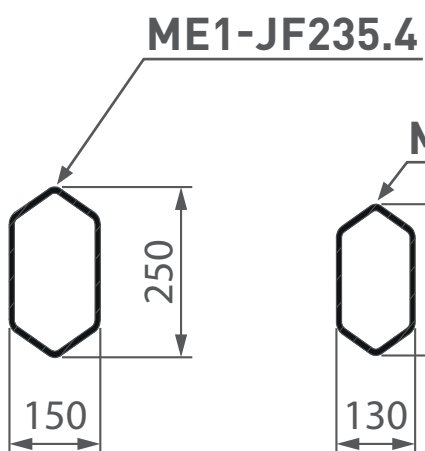
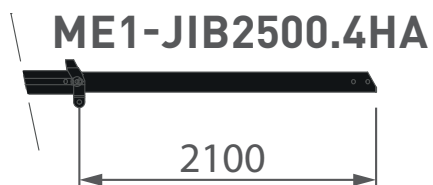
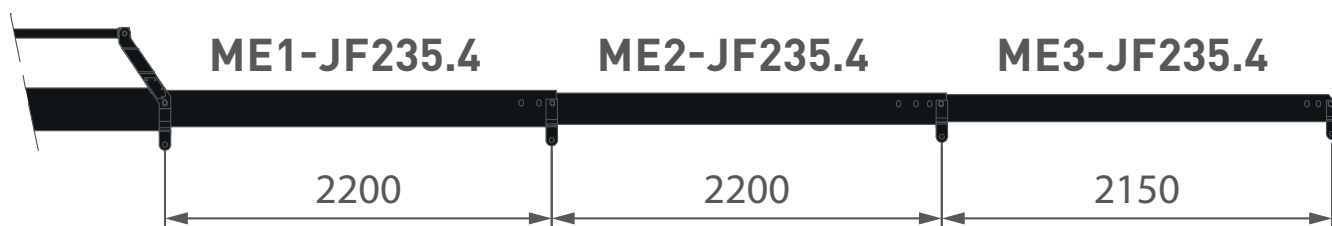
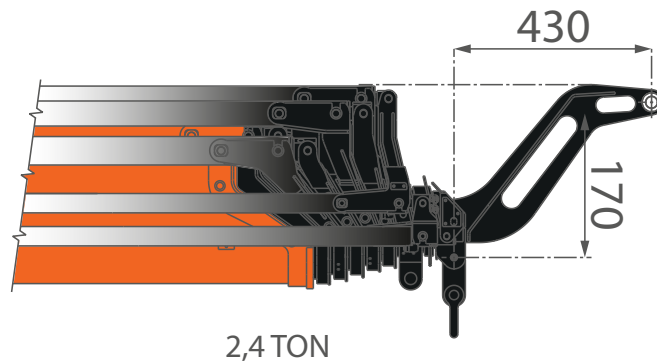
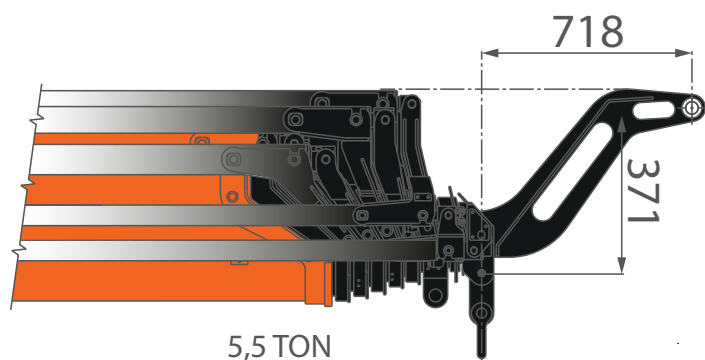
*: La gru è dotata di LMI. Lo sbraccio massimo potrebbe variare di circa 1m.

** : Lo sbraccio massimo viene raggiunto sfilando prima con il jib e poi con il braccio principale.

ACCESSORIES FEATURES

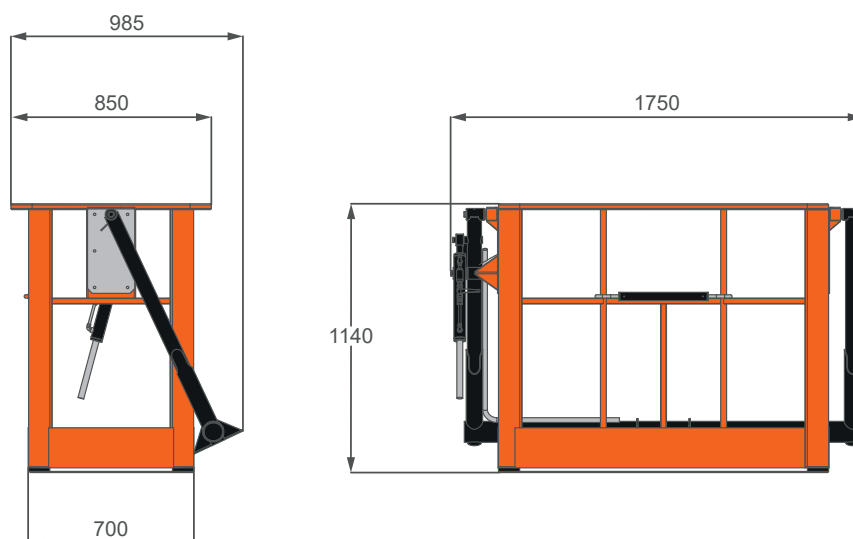
MEH-JF235.4

MEH-JIB2500.4HA

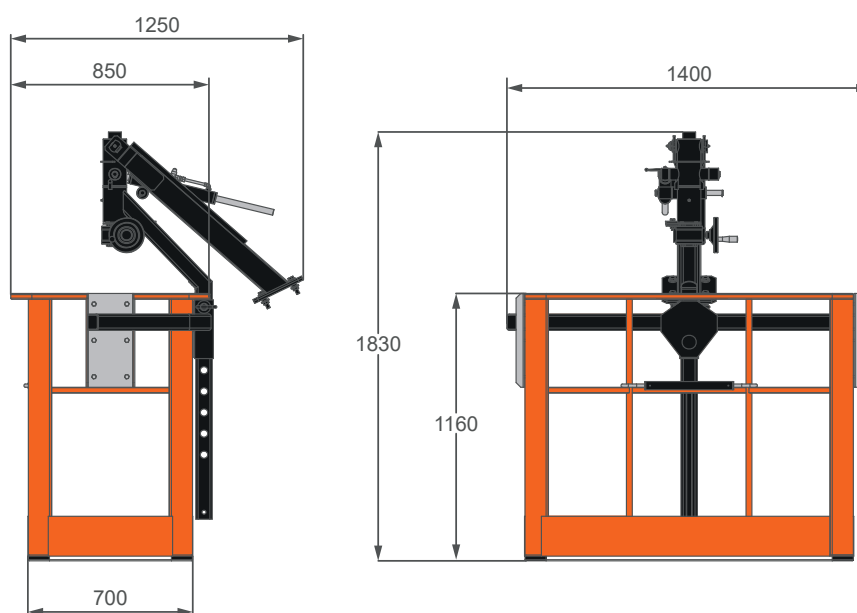


[mm]

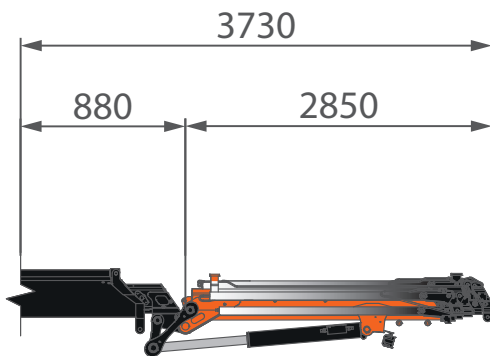
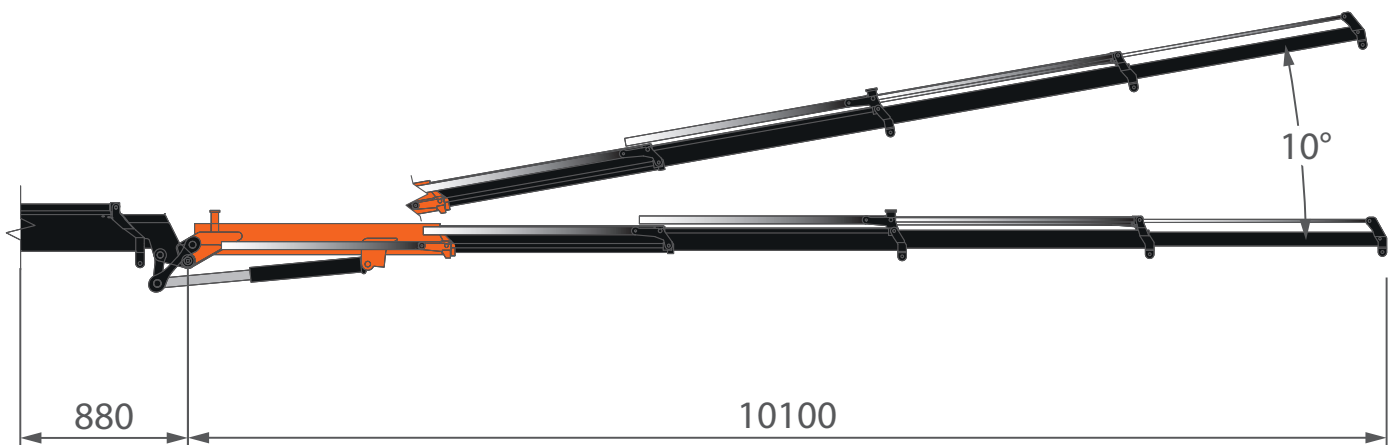
MWP-2PG.JIB2500.4HA



MWP-2PGR-A.JIB2500.4HA



JIB2500.4HA



[mm]

SYMBOLS

	Weight		Diesel Engine		Boom Angle		Outriggers mats
	Crane		Power Pack		Boom Length		Hydraulic oil
	Gradeability		Slewing		Jib		Outrigger Load
	Travel Speed		Electric Engine		Hookblock		Working Temperature
	Track Load		Maximum Capacity		Low marking pads		Main Winch
	Jib Activation		PLE Activation		Person Lifting Equipment		Hook
	Sound Emissions						

-  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 HD4 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.

17.09.2024 | Rev1.1

SERIAL NUMBER:



Jekko s.r.l.

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