



Technical Data

Specifications & Capacities

MPK20.2

Translation of the original instructions

[m] [kg]

18.02.2026 | REV3.0



EN 13000:2014

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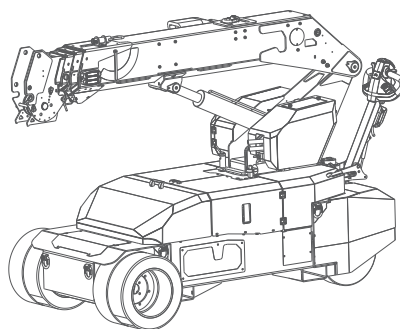
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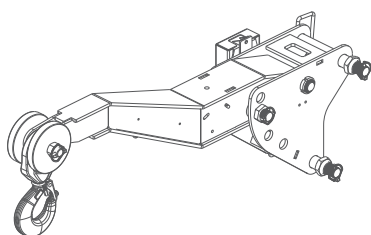
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CRANE CONFIGURATION



MPK20.2 ☐



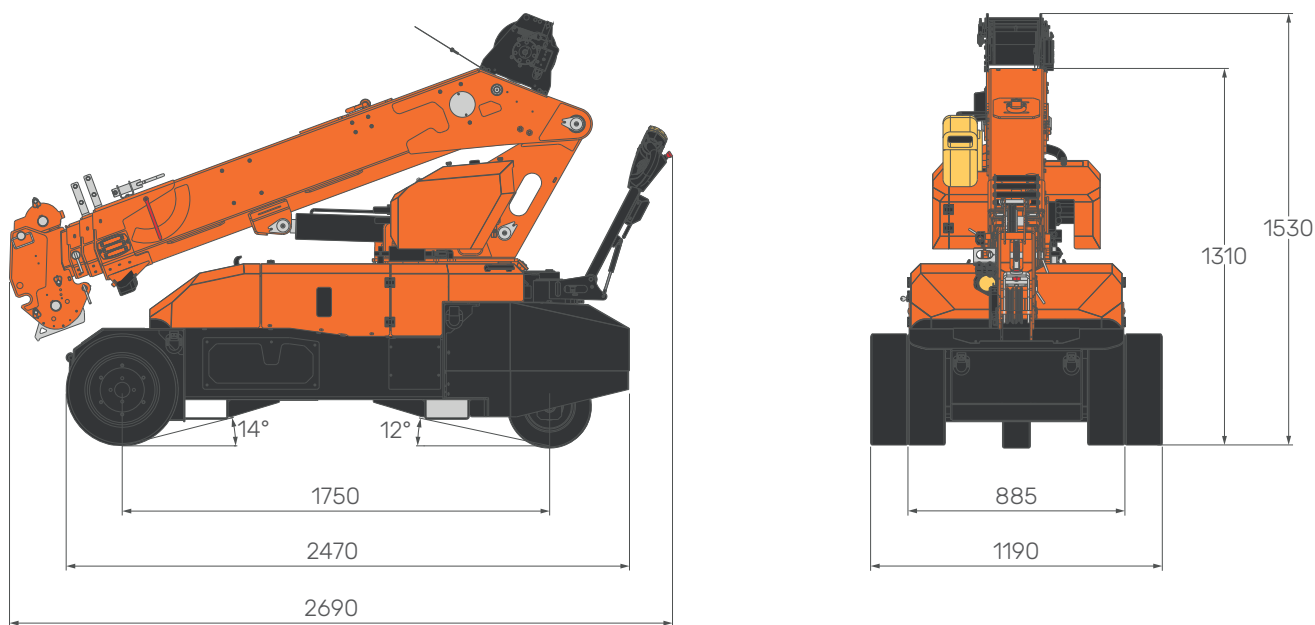
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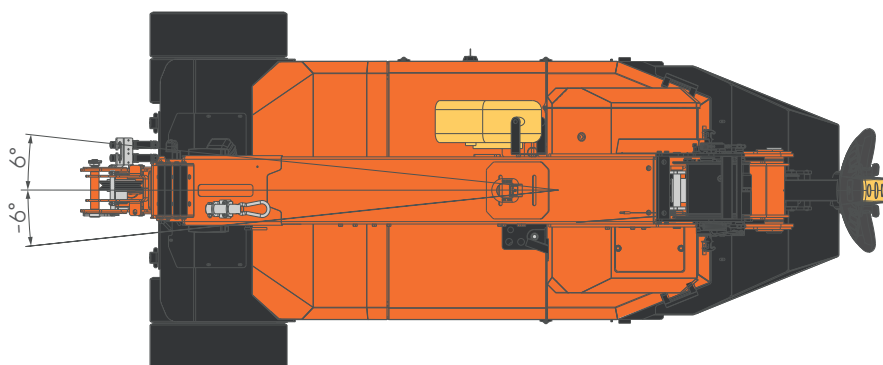
Overall dimensions

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OVERALL DIMENSIONS



BOOM SWING



[mm]

OVERALL INFORMATIONS

CRANE INFO

	DESCRIPTION	U.M.	VALUE
	OVERALL DIMENSIONS	mm	Height
			1.530
			Length
		m	2.690
			Width
			1.190
	BOOM	s	Length
			2,3/6,2
		°	Speed
			32(2,3/6,2 m)
	SLEWING	rpm	Angle
			-6°/+6°
		°	Speed
			1
	LIFTING	s	Working Angle
			-20°/+57°
		s	Speed
			32(-20°/+57°)
MAX CAPACITY		kg	2.000
REAR WHEEL MAX LOAD		kg	550 ^[1]
	FRONT WHEEL MAX LOAD		Turret positioned at 0°
			1.650 ^[2]
		°	Turret slewed by 6°
			2.000 ^[2]
TRAVEL SPEED		km/h	4
GRADEABILITY		°	10°(18%)
WORKING TEMPERATURE		°C	-20°/+40°
Lifting Class (UNI 4301-1)		A1	

^[1]: Without Load

^[2]: With Load

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Overall informations

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WEIGHT



CRANE	No counterweight	kg	1.440 ^[1]
COUNTERWEIGHT	All	kg	405
TOTAL		kg	1.845

ACCESSORIES



JIB	JIB1000GX	kg	18
WINCH	W700.60-MPK	kg	60
HOOKBLOCK	1 Ton single line hook	kg	27
	2T-D7.2	kg	25

MOTOR



ELECTRIC MOTORIZATION	Voltage	V	24
	Power	kW	3

HYDRAULIC SYSTEM



WORKING PRESSURE		bar	170
TANK CAPACITY		L	31
OIL	Type	Synthetic	ISO 6743-4:HFDU
		Biodegradable	ISO VG46
MAIN PUMP	Displacement	cm ³ /rev	4,2
	Max Oil Flow	L/min	16

^[1]: Dry weight

WINCH

W700.60



ROPE

LAYER	MAX PULL LINE	STANDARD ROPE SPEED
	kg	m/min
1	1.000 ^[1]	38
2	920 ^[1]	42
3	850 ^[1]	45
4	790 ^[1]	49
5	730 ^[1]	53

WIRE ROPE	MAX LOAD	Ø	TOTAL LENGTH
	kg	mm	m
19x7 right non rotating lang lay	2.086	7	62

^[1]: LMI limited at 700 kg

STABILITY AREAS

CONFIGURATION

J7

Turret positioned at 0° + Full counterweight

J6

Turret slewed + Full counterweight

J5

Turret positioned at 0° without counterweight

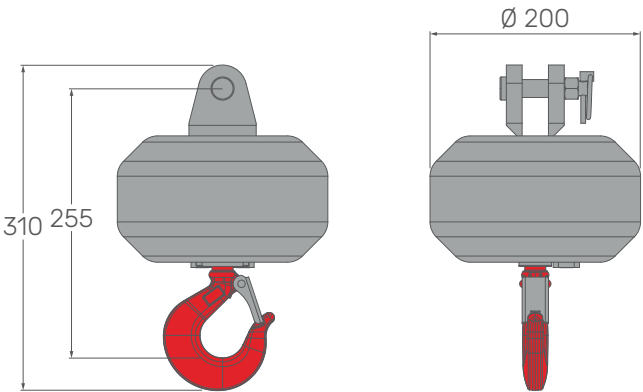
J4

Turret slewed without counterweight

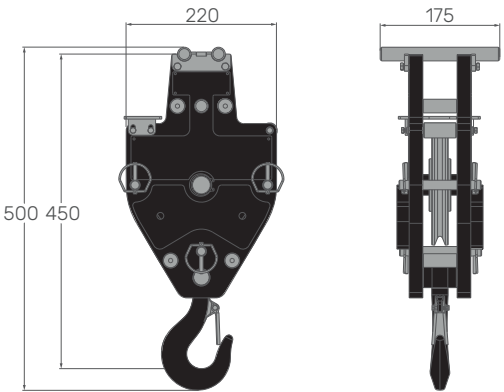
J0

No lifting capacity

HOOKBLOCK



MODEL	LOAD		N° OF	
			Sheaves	Lines
1 Ton single line hook	kg	700	-	1



MODEL	LOAD		N° OF	
			Sheaves	Lines
2T-D7.2	kg	1.400	1	2
		2.000	1	3

HOOKBLOCK

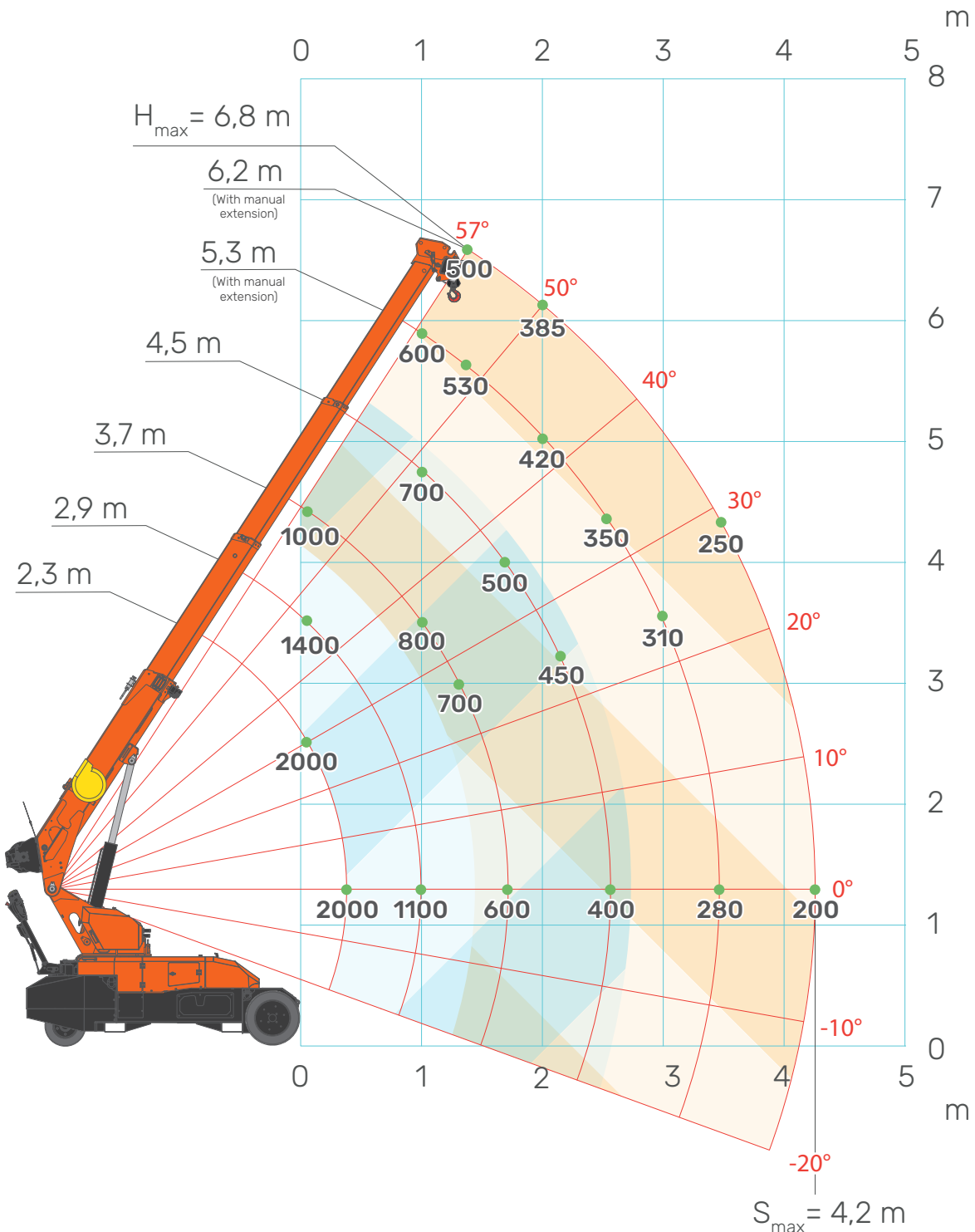


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Main boom load chart

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MAIN BOOM

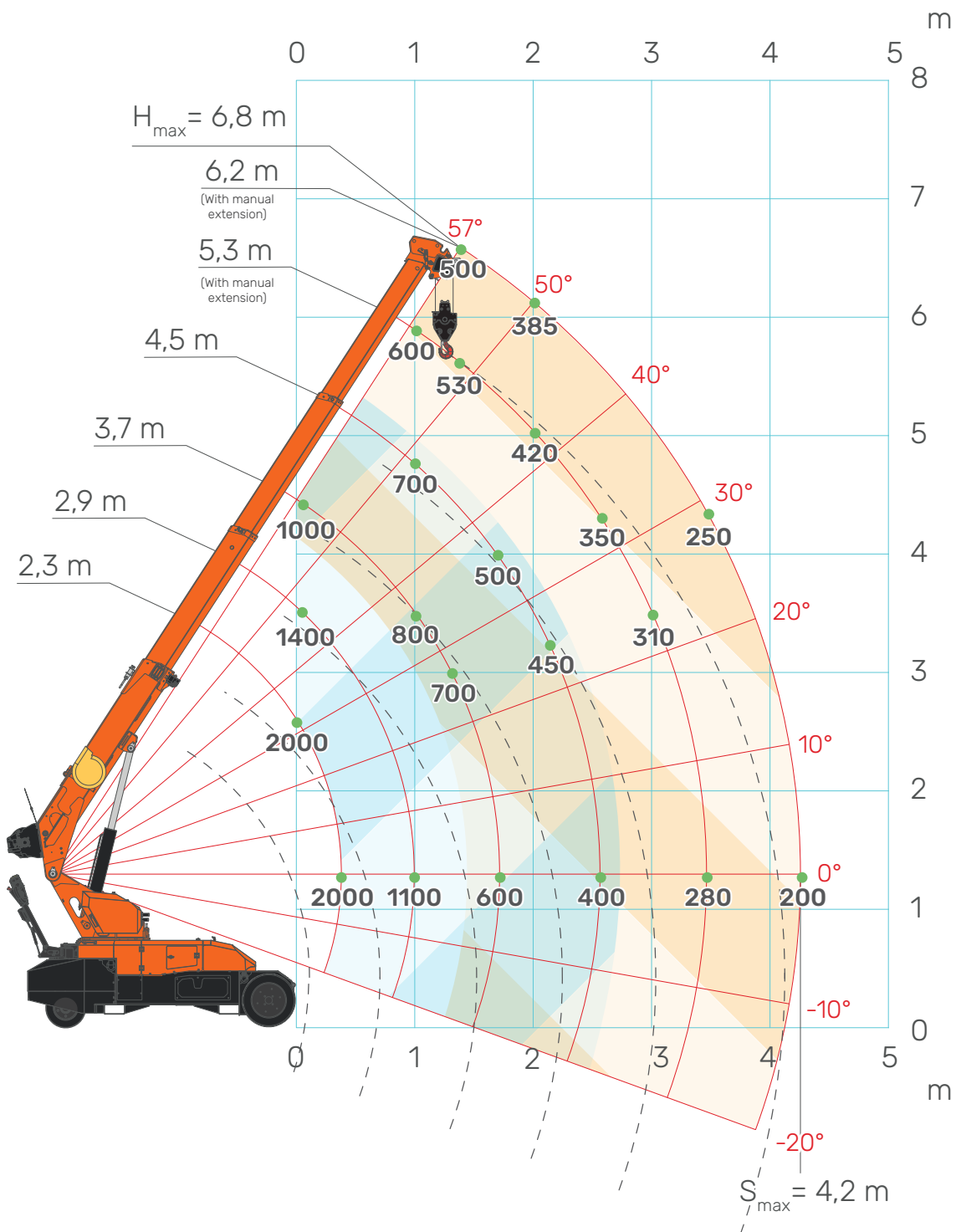


MAIN BOOM



MANUAL EXTENSION

[kg]



[kg]



MAIN BOOM



MANUAL EXTENSION

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Main boom load tables

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CRANE PERFORMANCE: J7

L [m]→	2,3	2,9	3,2	3,7	4,1	4,5	4,9	5,3	6,2
0,01	2000	1400	1250	1000	900	800			
0,4	2000	1400	1250	1000	900	800			
1		1100	950	800	750	700	650	600	
1,3			850	700	650	610	580	530	500
1,8				600	550	500	480	450	410
2,2					490	450	410	390	360
2,6						400	360	350	310
3							330	310	280
3,4								280	250
4,2									200
↑S[m]	[kg]	LC20_V102__0924_C1J7							



CRANE PERFORMANCE: J6

L [m]→	2,3	2,9	3,2	3,7	4,1	4,5	4,9	5,3	6,2
0,01	1600	1400	1190	900	810	720			
0,4	1600	1400	1190	900	810	720			
1		1100	950	800	720	670	590	540	
1,3			850	700	650	580	560	480	450
1,8				600	550	500	460	430	370
2,2					490	450	410	390	350
2,6						400	360	350	300
3							330	310	280
3,4								280	250
4,2									200
↑S[m]	[kg]	LC20_V102__0924_C1J6							



CRANE PERFORMANCE: J5

L [m]→	2,3	2,9	3,2	3,7	4,1	4,5	4,9	5,3	6,2
0,01	2000	1400	1250	1000	900	800			
0,4	2000	1400	1250	1000	900	800			
1		670	670	670	670	670	650	600	
1,3			510	510	510	510	510	510	500
1,8				340	340	340	340	340	340
2,2					250	250	250	250	250
2,6						200	200	200	200
3							160	160	160
3,4								140	140
4,2									80
[↑] S[m]	[kg]	LC20_V102__0924_C1J5							



CRANE PERFORMANCE: J4

L [m]→	2,3	2,9	3,2	3,7	4,1	4,5	4,9	5,3	6,2
0,01	1600	1400	1190	900	810	720			
0,4	1600	1400	1190	900	810	720			
1		670	670	670	640	640	590	540	
1,3			510	510	510	490	490	460	450
1,8				340	340	340	330	330	310
2,2					250	250	250	250	240
2,6						200	200	200	190
3							160	160	160
3,4								140	140
4,2									80
[↑] S[m]	[kg]	LC20_V102__0924_C1J4							

JIB1000GX load chart

JIB1000GX



[kg]



CRANE PERFORMANCE: J7

L [m]→	2,3	2,9	3,1	3,6	4,1	4,5	4,9	5,3	6,2
0,01	1000	1000	920	750	690	640	600		
1,1	1000	1000	920	750	690	640	600		
1,7		670	670	600	550	500	480	450	410
1,9			610	560	520	470	450	420	380
2,4				450	430	400	380	360	320
2,9					350	350	330	310	280
3,3						280	280	280	250
3,7							260	240	220
4,1								220	200
4,9									160
[^] S[m]	[kg]	LC20_V102___0924_C9J7							



CRANE PERFORMANCE: J6

L [m]→	2,3	2,9	3,1	3,6	4,1	4,5	4,9	5,3	6,2
0,01	1000	1000	920	720	630	580	540		
1,1	1000	1000	920	720	630	580	540		
1,7		670	670	600	530	480	460	410	370
1,9			610	560	520	450	430	380	350
2,4				450	430	400	380	350	290
2,9					350	350	330	310	270
3,3						280	280	280	240
3,7							260	240	220
4,1								220	200
4,9									160
[^] S[m]	[kg]	LC20_V102___0924_C9J6							

MPK20.2

JIB1000GX load tables

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CRANE PERFORMANCE: J5

L [m]→	2,3	2,9	3,1	3,6	4,1	4,5	4,9	5,3	6,2
0,01	660	660	660	660	660	640	600		
1,1	660	660	660	660	660	640	600		
1,7		380	380	380	380	380	380	380	380
1,9			330	330	330	330	330	330	330
2,4				250	250	250	250	250	250
2,9					180	180	180	180	180
3,3						130	130	130	130
3,7							110	110	110
4,1								100	100
4,9									70
[↑] S[m]	[kg]	LC20_V102__0924_C9J5							

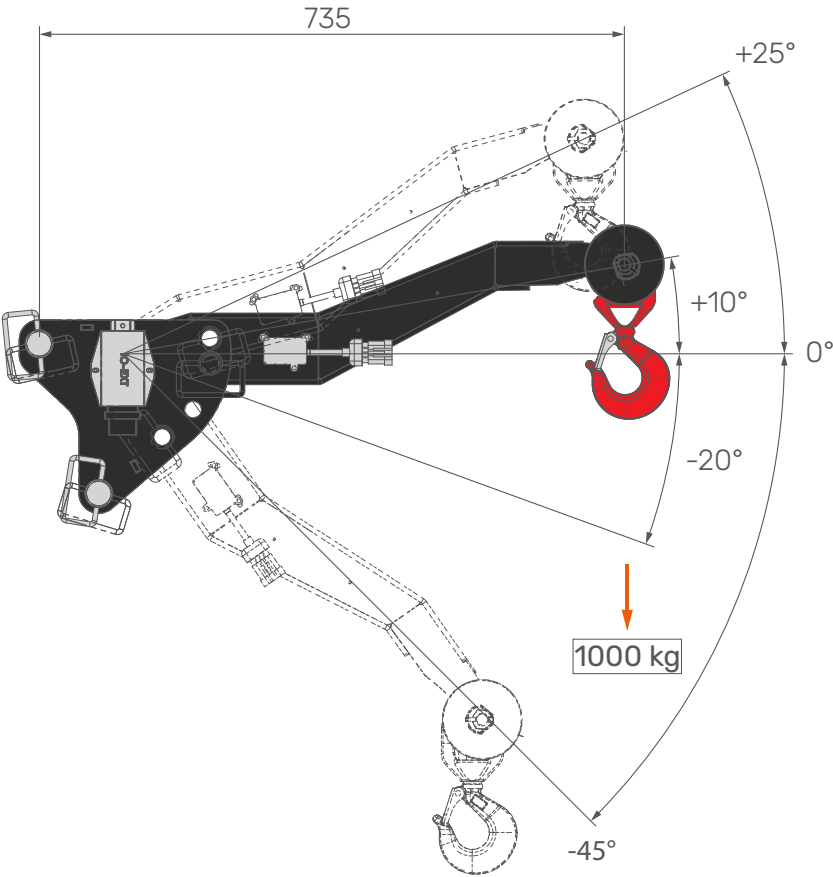


CRANE PERFORMANCE: J4

L [m]→	2,3	2,9	3,1	3,6	4,1	4,5	4,9	5,3	6,2
0,01	660	660	660	630	600	580	540		
1,1	660	660	660	630	600	580	540		
1,7		380	380	380	370	370	370	350	350
1,9			330	330	330	320	320	300	300
2,4				250	250	250	250	240	230
2,9					180	180	180	180	180
3,3						130	130	130	130
3,7							110	110	110
4,1								100	100
4,9									70
[↑] S[m]	[kg]	LC20_V102__0924_C9J4							

ACCESSORIES

JIB1000GX



WEIGHT		JIB	JIB1000GX	kg	18

[mm]

SYMBOLS

	Weight		Electric Motorization		Boom Angle		Back Wheel Maximum Load
	Minipicker		Maximum Capacity		Boom Length		Front Wheel Maximum Load
	Travel Speed		Slewing		Jib		Working Temperature
	Gradeability		Boom Horizontal Angle +/- 6°		Hook		Winch
	Hookblock		Hydraulic System		Counterweight		

LOAD CHARTS REMARKS

- Load tables have been calculated following the EN 13000:2014 standard.
- Load tables have been calculated considering a wind load of 13,8 m/s, a sail area of 1m²/t and a drag coefficient of 1,2.
- 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 front plate of the frame.
- 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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