



Technical Data

Specifications & Capacities

MPK20.2

Translation of the original instructions

[ft] [lb]

18.02.2026 | REV3.0



EN 13000:2014

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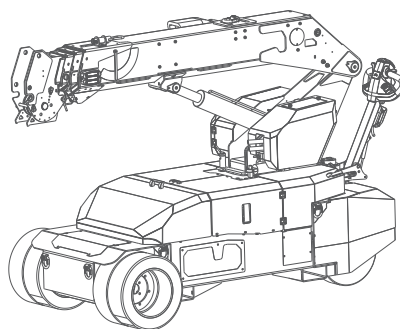
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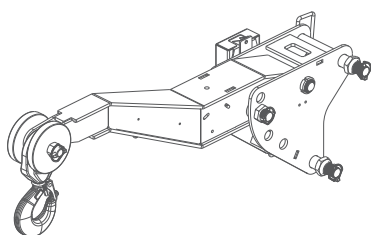
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CRANE CONFIGURATION



MPK20.2 ☐



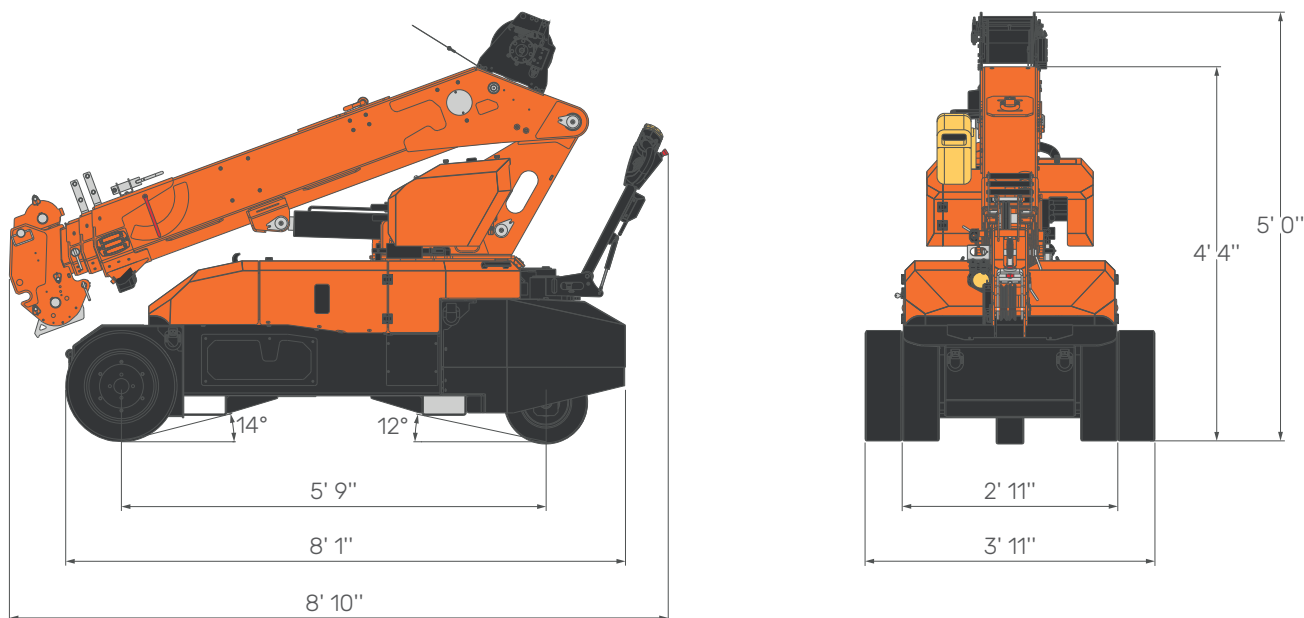
JIB1000GX ☐

MPK20.2

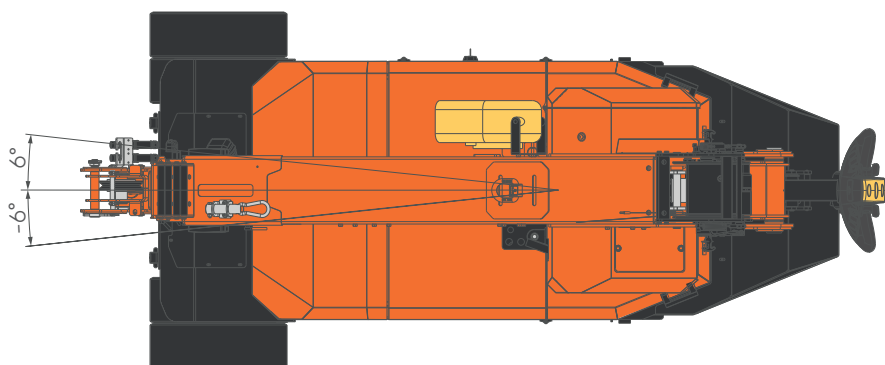
Overall dimensions

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OVERALL DIMENSIONS



BOOM SWING



OVERALL INFORMATIONS

CRANE INFO

	DESCRIPTION	U.M.	VALUE
	OVERALL DIMENSIONS	ft	Height
			5' 0"
			Length
		ft	8' 10"
			Width
			3' 11"
	BOOM	ft	Length
			7' 7"/20' 4"
		s	Speed
			32(7' 7"/20' 4")
	SLEWING	°	Angle
			-6°/+6°
		rpm	Speed
			1
	LIFTING	°	Working Angle
			-20°/+57°
		s	Speed
			32(-20°/+57°)
MAX CAPACITY		lb	4,400
REAR WHEEL MAX LOAD		lb	1,210 ^[1]
	FRONT WHEEL MAX LOAD		Turret positioned at 0°
			3,640 ^[2]
		lb	Turret slewed by 6°
			4,400 ^[2]
TRAVEL SPEED		mph	2.5
GRADEABILITY		°	10°(18%)
WORKING TEMPERATURE		°F	-4°/+104°
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	lb	3,180 ^[1]
COUNTERWEIGHT	All	lb	900
TOTAL		lb	4,070

ACCESSORIES



JIB	JIB1000GX	lb	40
WINCH	W700.60-MPK	lb	130
HOOKBLOCK	1 Ton single line hook	lb	60
	2T-D7.2	lb	55

MOTOR



ELECTRIC MOTORIZATION	Voltage	V	24
	Power	kW	3

HYDRAULIC SYSTEM



WORKING PRESSURE		bar	170
TANK CAPACITY		gal	8.2
OIL	Type	Synthetic	ISO 6743-4:HFDU
		Biodegradable	ISO VG46
MAIN PUMP	Displacement	cc/rev	0.26
	Max Oil Flow	gal/min	4.2

^[1]: Dry weight

WINCH

W700.60-MPK



ROPE

LAYER	MAX PULL LINE	STANDARD ROPE SPEED
	lb	ft/min
1	2,200 ^[1]	125
2	2,030 ^[1]	138
3	1,870 ^[1]	148
4	1,740 ^[1]	161
5	1,610 ^[1]	174

WIRE ROPE	MAX LOAD	Ø	TOTAL LENGTH
	lb	in	ft
19x7 right non rotating lang lay	4,590	1/4 "	203' 4"

^[1]: LMI limited at 1540 lb

STABILITY AREAS

CONFIGURATION

J7

Turret positioned at 0° + Full counterweight

J6

Turret slewed + Full counterweight

J5

Turret positioned at 0° without counterweight

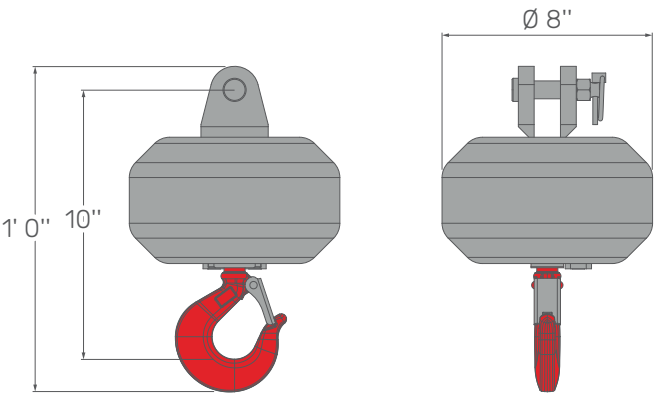
J4

Turret slewed without counterweight

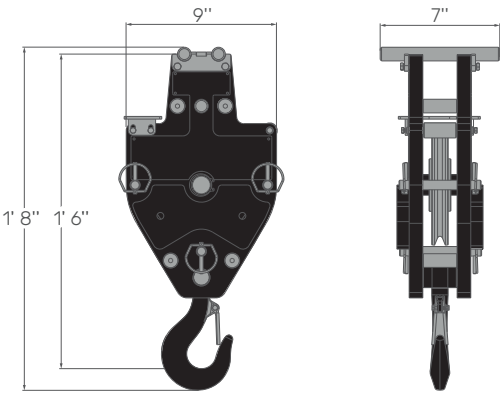
J0

No lifting capacity

HOOKBLOCK



MODEL	LOAD		N° OF	
			Sheaves	Lines
1 Ton single line hook	lb	1540	-	1



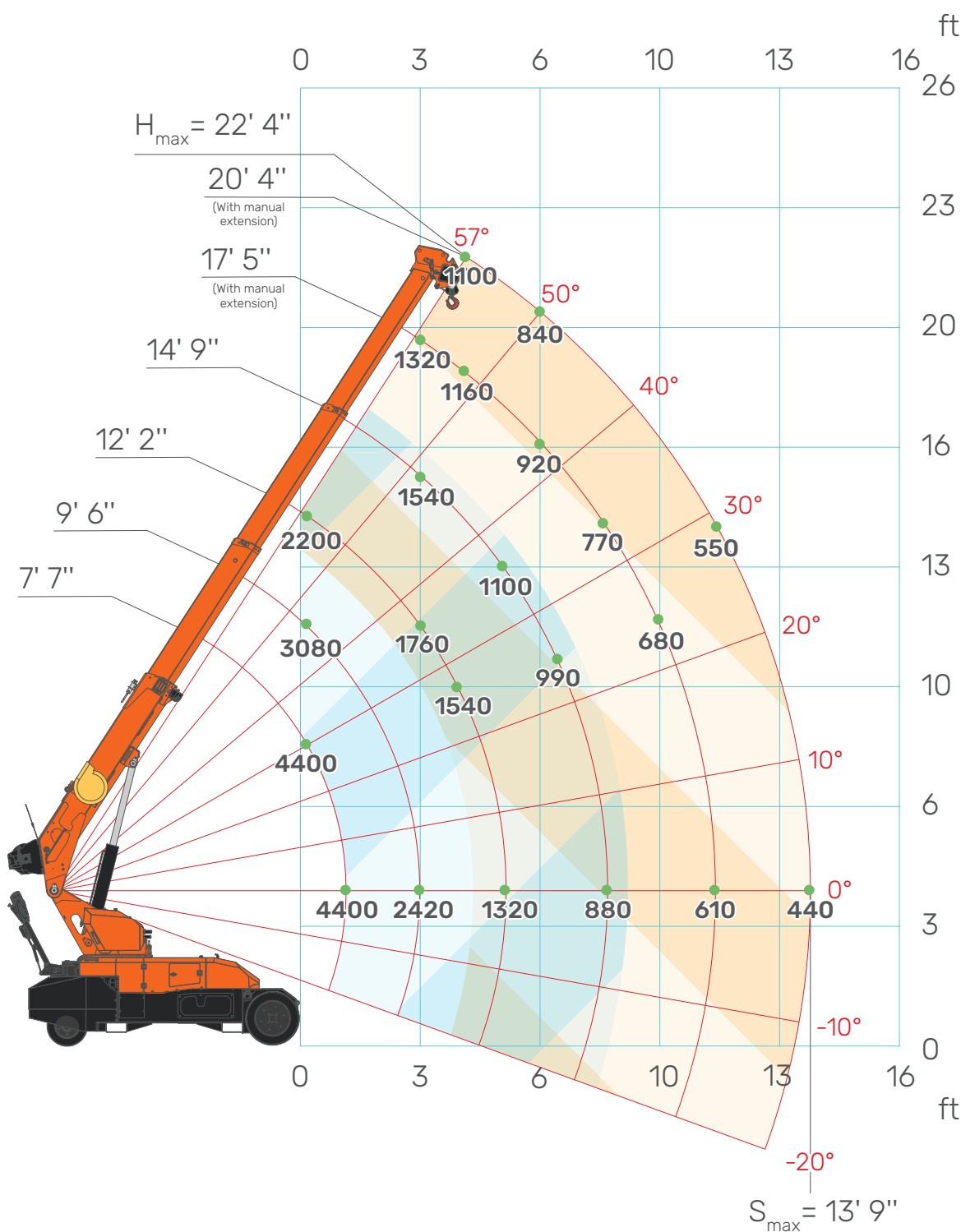
MODEL	LOAD		N° OF	
			Sheaves	Lines
2T-D7.2	kg	1.400	1	2
		2.000	1	3

HOOKBLOCK



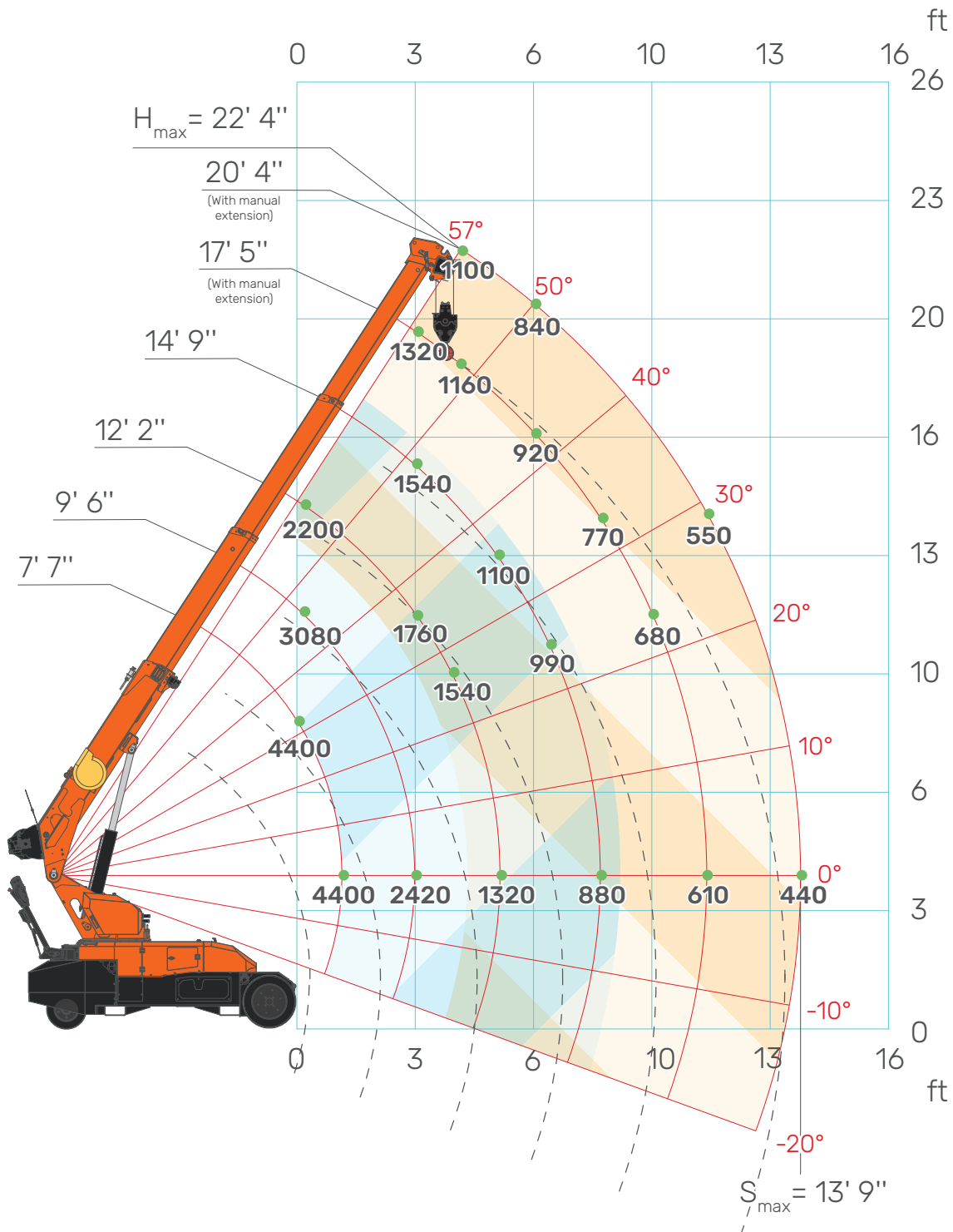
Main boom load chart

MAIN BOOM



MANUAL EXTENSION

[1b]



[lb]



MAIN BOOM



MANUAL EXTENSION

MPK20.2

Main boom load tables

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CRANE PERFORMANCE: J7

L [ft]→	7' 5"	9' 6"	10' 6"	12' 2"	13' 5"	14' 9"	16' 1"	17' 5"	20' 4"
1/2"	4400	3080	2750	2200	1980	1760			
1' 4"	4400	3080	2750	2200	1980	1760			
3' 3"		2420	2090	1760	1650	1540	1430	1320	
4' 3"			1870	1540	1430	1340	1270	1160	1100
5' 11"				1320	1210	1100	1050	990	900
7' 3"					1080	990	900	850	790
8' 6"						880	790	770	680
9' 10"							720	680	610
11' 2"								610	550
13' 9"									440
[†] S[ft]	[lb]S	LC20_V102__0924_C1J7							



CRANE PERFORMANCE: J6

L [ft]→	7' 5"	9' 6"	10' 6"	12' 2"	13' 5"	14' 9"	16' 1"	17' 5"	20' 4"
1/2"	3520	3080	2620	1980	1780	1580			
1' 4"	3520	3080	2620	1980	1780	1580			
3' 3"		2420	2090	1760	1580	1470	1300	1190	
4' 3"			1870	1540	1430	1270	1230	1050	990
5' 11"				1320	1210	1100	1010	940	810
7' 3"					1080	990	900	850	770
8' 6"						880	790	770	660
9' 10"							720	680	610
11' 2"								610	550
13' 9"									440
[†] S[ft]	[lb]	LC20_V102__0924_C1J6							



CRANE PERFORMANCE: J5

L [ft]→	7' 5"	9' 6"	10' 6"	12' 2"	13' 5"	14' 9"	16' 1"	17' 5"	20' 4"
1/2"	4400	3080	2750	2200	1980	1760			
1' 4"	4400	3080	2750	2200	1980	1760			
3' 3"		1470	1470	1470	1470	1470	1430	1320	
4' 3"			1120	1120	1120	1120	1120	1120	1100
5' 11"				740	740	740	740	740	740
7' 3"					550	550	550	550	550
8' 6"						440	440	440	440
9' 10"							350	350	350
11' 2"								300	300
13' 9"									170
[†] S[ft]	[lb]	LC20_V102__0924_C1J5							



CRANE PERFORMANCE: J4

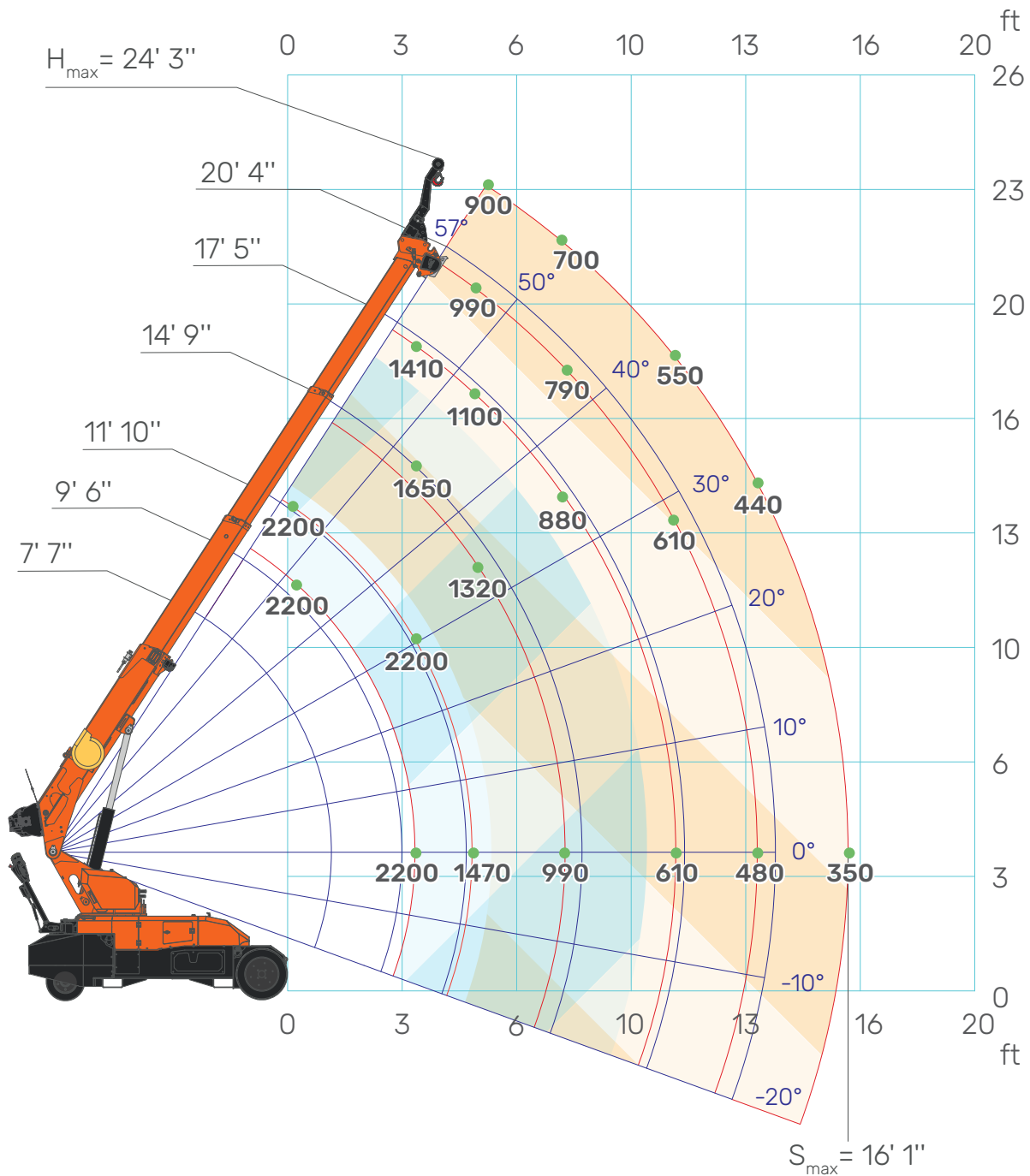
L [ft]→	7' 5"	9' 6"	10' 6"	12' 2"	13' 5"	14' 9"	16' 1"	17' 5"	20' 4"
1/2"	3520	3080	2620	1980	1780	1580			
1' 4"	3520	3080	2620	1980	1780	1580			
3' 3"		1470	1470	1470	1410	1410	1300	1190	
4' 3"			1120	1120	1120	1080	1080	1010	990
5' 11"				740	740	740	720	720	680
7' 3"					550	550	550	550	520
8' 6"						440	440	440	410
9' 10"							350	350	350
11' 2"								300	300
13' 9"									170
[†] S[ft]	[lb]	LC20_V102__0924_C1J4							

MPK20.2

JIB1000GX load chart

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JIB1000GX




CRANE PERFORMANCE: J7

L [ft]→	7' 5"	9' 6"	10' 2"	11' 10"	13' 5"	14' 9"	16' 1"	17' 5"	20' 4"
1/2"	2200	2200	2020	1650	1520	1410	1320		
3' 7"	2200	2200	2020	1650	1520	1410	1320		
5' 7"		1470	1470	1320	1210	1100	1050	990	900
6' 3"			1340	1230	1140	1030	990	920	830
7' 10"				990	940	880	830	790	700
9' 6"					770	770	720	680	610
10' 10"						610	610	610	550
12' 2"							570	520	480
13' 5"								480	440
16' 1"									350
↑Sft]	[lb]	LC20_V102___0924_C9J7							


CRANE PERFORMANCE: J6

L [ft]→	7' 5"	9' 6"	10' 2"	11' 10"	13' 5"	14' 9"	16' 1"	17' 5"	20' 4"
1/2"	2200	2200	2020	1580	1380	1270	1190		
3' 7"	2200	2200	2020	1580	1380	1270	1190		
5' 7"		1470	1470	1320	1160	1050	1010	900	810
6' 3"			1340	1230	1140	990	940	830	770
7' 10"				990	940	880	830	770	630
9' 6"					770	770	720	680	590
10' 10"						610	610	610	520
12' 2"							570	520	480
13' 5"								480	440
16' 1"									350
↑S[ft]	[lb]	LC20_V102___0924_C9J6							

MPK20.2

JIB1000GX load tables

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CRANE PERFORMANCE: J5

L [ft]→	7' 5"	9' 6"	10' 2"	11' 10"	13' 5"	14' 9"	16' 1"	17' 5"	20' 4"
1/2"	1450	1450	1450	1450	1450	1410	1320		
3' 7"	1450	1450	1450	1450	1450	1410	1320		
5' 7"		830	830	830	830	830	830	830	830
6' 3"			720	720	720	720	720	720	720
7' 10"				550	550	550	550	550	550
9' 6"					390	390	390	390	390
10' 10"						280	280	280	280
12' 2"							240	240	240
13' 5"								220	220
16' 1"									150
[†] S[ft]	[lb]	LC20_V102__0924_C9J5							

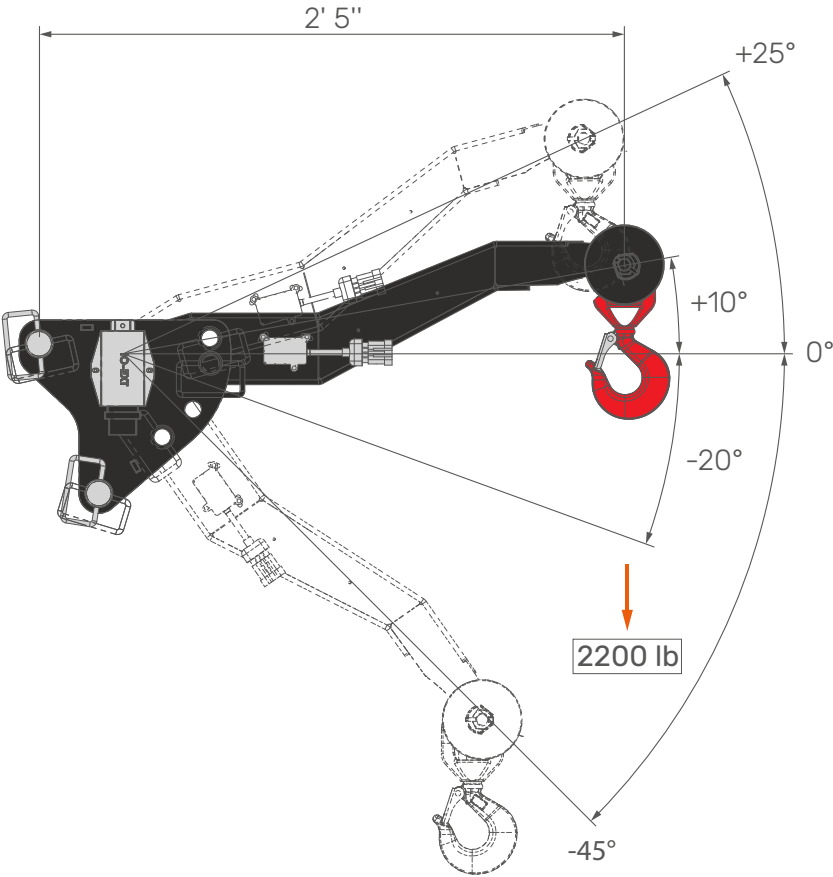


CRANE PERFORMANCE: J4

L [ft]→	7' 5"	9' 6"	10' 2"	11' 10"	13' 5"	14' 9"	16' 1"	17' 5"	20' 4"
1/2"	1450	1450	1450	1380	1320	1270	1190		
3' 7"	1450	1450	1450	1380	1320	1270	1190		
5' 7"		830	830	830	810	810	810	770	770
6' 3"			720	720	720	700	700	660	660
7' 10"				550	550	550	550	520	500
9' 6"					390	390	390	390	390
10' 10"						280	280	280	280
12' 2"							240	240	240
13' 5"								220	220
16' 1"									150
[†] S[ft]	[lb]	LC20_V102__0924_C9J4							

ACCESSORIES

JIB1000GX



WEIGHT		JIB	JIB1000GX	lb	40

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 pounds.
- 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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