



Technical Data

Specifications & Capacities

SPX509.2

Traslantion of the original instructions

[ft] [lb]

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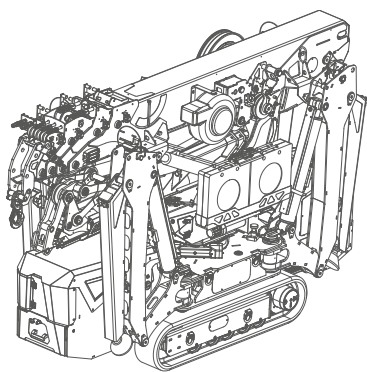


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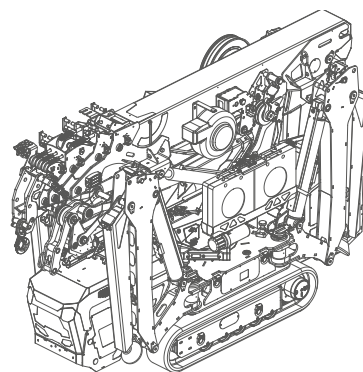
INDEX

Index	2
Crane configuration	3
CDH-3B	4
Overall Dimensions	4
Overall informations	5
CL-2	8
Overall dimensions	8
Overall Informations	9
Winch	12
Hookblock.....	13
Winch rope maximum reach.....	14
Stability areas	15
Tipping line - Load chart selection	16
Stability examples	17
Main boom load chart.....	20
Main boom load tables	21
Main boom load chart - Pick&Carry	28
Main boom load table - Pick&Carry.....	29
JIB1200GX load chart.....	30
JIB1200GX load tables	31
JIB1200GX load chart - Pick&Carry	34
JIB1200GX load table - Pick&Carry.....	35
JIB1000.2H1MX load chart.....	36
JIB1000.2H1MX load tables	38
JIB1000.2H1MX load chart - Pick&Carry	42
JIB1000.2H1MX load table - Pick&Carry.....	44
JIB500GR load chart.....	45
JIB500GR load tables.....	46
JIB500GR load chart - Pick&Carry.....	49
JIB500GR load tables	50
JIB1000.2H1MX features	51
JIB1200GX features.....	52
JIB500GR features	53
Symbols	54

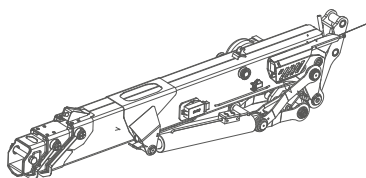
CRANE CONFIGURATION



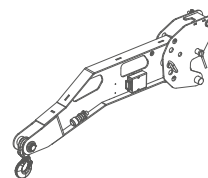
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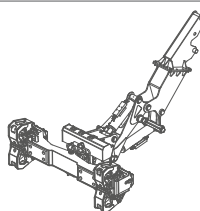
SPX509.2 CDH-3B



JIB1000.2H1MX



JIB1200GX



JIB500GR

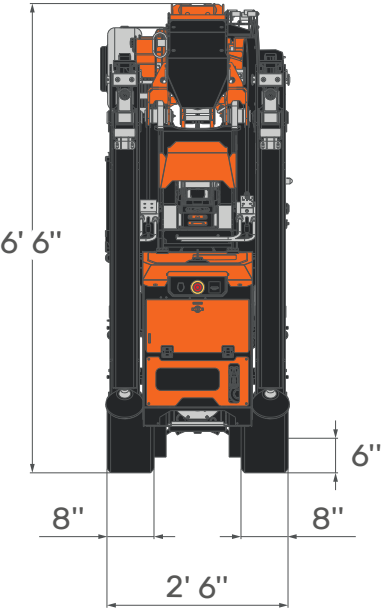
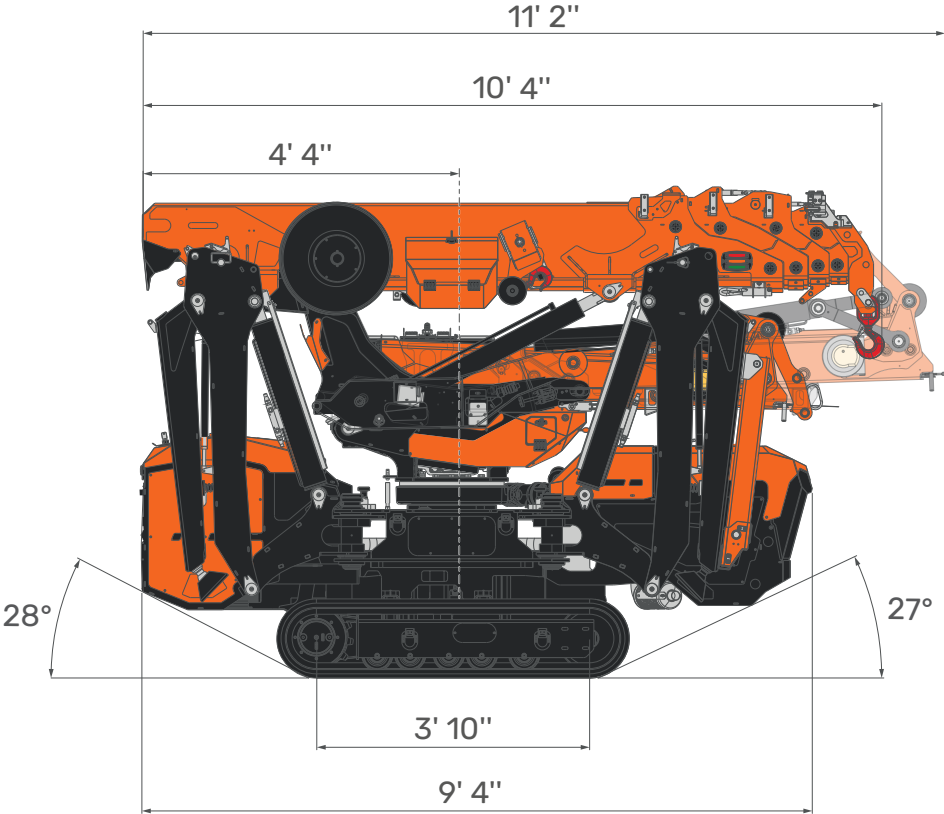


SPX509.2 CDH-3B

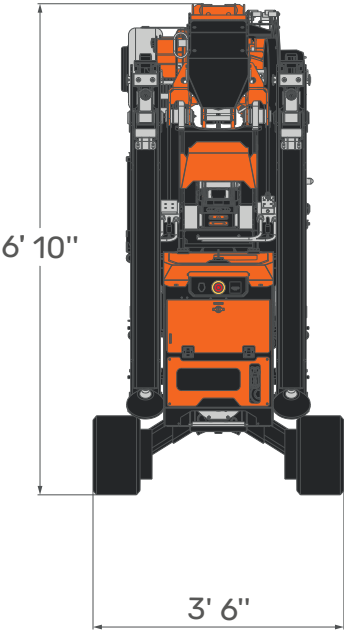
Overall Dimensions

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OVERALL DIMENSIONS



CLOSED
TRACKS



EXTENDED
TRACKS

OVERALL INFORMATION

CRANE INFO

	DESCRIPTION	U.M.	VALUE
OVERALL DIMENSIONS	Height	ft	6' 6"
	Length		10' 4"
	Width		2' 6"
BOOM	Length	ft	8' 6"/33' 10"
	Speed	s	27 (8' 6"/33' 10")
SLEWING	Angle	°	360°
	Speed	rpm	1.3
LIFTING	Working Angle	°	0/80°
	Speed	s	27 (0/80°)
MAX CAPACITY		lb	1,950
MAX OUTRIGGERS MAX LOAD		lb	6,830
TRACK LOAD		lb/in ²	9.7
TRAVEL SPEED	Slow	mph	1.0
	Fast		1.9
MAX GRADEABILITY (CLOSED TRACKS)		°	16° (29%)
WORKING TEMPERATURE		°F	-10°/+40°
SOUND EMISSIONS		dB	99
MAX WIND SPEED IN WORKING CONDITIONS		ft/s	45.2
Lifting Class (UNI 4301-1)		A1	

^[1]: Static lifting

SPX509.2 CDH-3B

Overall informations

01.12.2025 | REV1.0

WEIGHT		CRANE	Standard Configuration	lb	5,850 ^{[1][2]}
		HOOKBLOCK	1 ton single line hook	lb	60
			4T-D8		66
ACCESSORIES		JIB	1200GX	lb	66
			1000.2H1MX		530
			500GR		590
		WINCH	W800.80	lb	160
			W800.85-P		150
		HYDRAULIC ACTIVATION	HA-SPX532	lb	44
		WINTER KIT	WUK-02.2	lb	7
	 AUX	POWERPACK	PP220-2.B	lb	110
			PP220-4.B		110
			PP400-6.B		140
		OUTRIGGERS MATS	OM400.2 (x4)	lb	70

^[1]: Dry weight
^[2]: Estimated fluids weight = 220 lb

ENGINE



ENGINE	Power Supply		Diesel	
	Power	kW	18,5	
		HP	25	
	Tank Capacity		L	4.0

POWERPACK



POWER SUPPLY	PP220-2.B (CE)	1 PH + N + PE
	PP220-4.B (UL-CSA)	1 PH + PE
	PP400-6.B (CE)	3 PH + N + PE

3-PHASE KIT	PP220-2.B (CE)	Voltage	V	220
		Frequency	Hz	50
		Motor Power	kW	2,2
	PP220-4.B (UL-CSA)	Voltage	V	220
		Frequency	Hz	60
		Motor Power	kW	4
	PP400-6.B (CE)	Voltage	V	400
		Frequency	Hz	50
		Motor Power	kW	5,5

BATTERY CHARGER	PP220-2.B (CE)	Charge	V	12
			Ah	10
	PP220-4.B (UL-CSA)	Charge	V	12
			Ah	10
	PP400-6.B (CE)	Charge	V	12
			Ah	10

HYDRAULIC SYSTEM



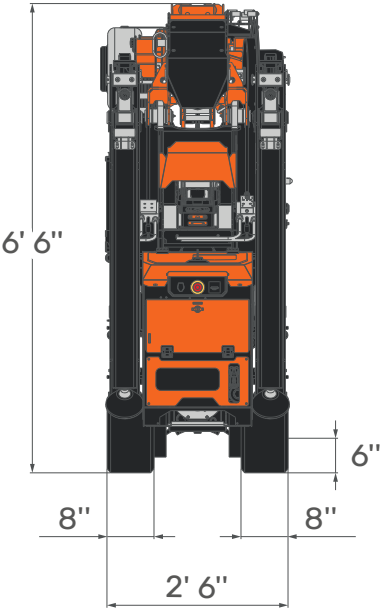
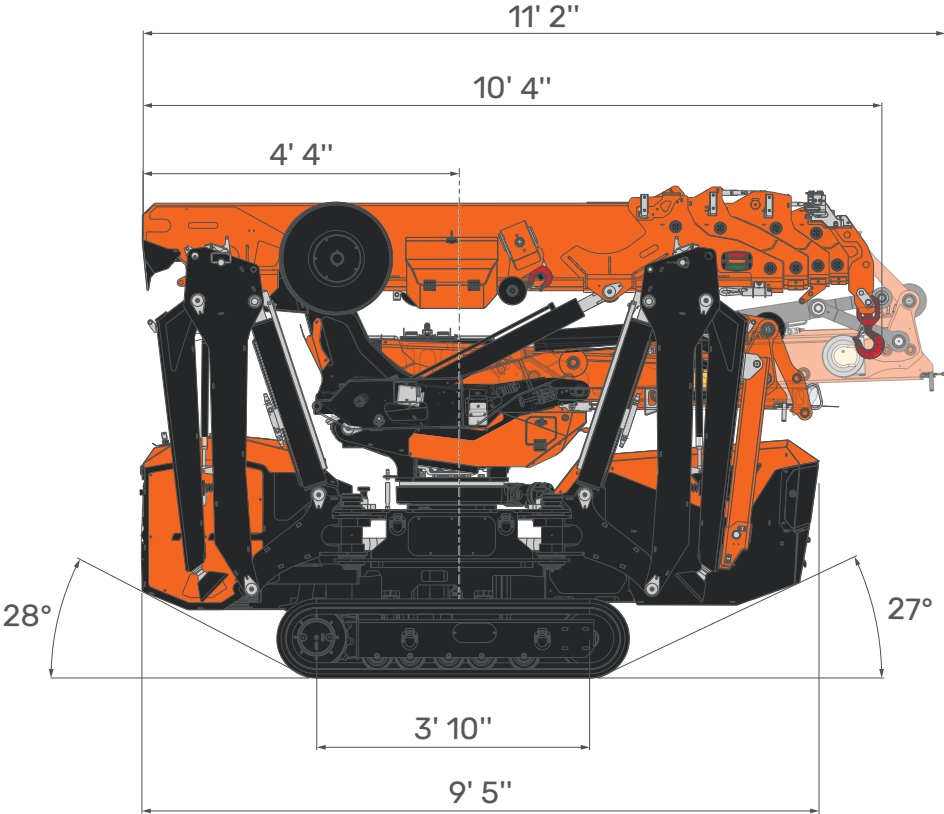
MAX WORKING PRESSURE		bar	230
TANK CAPACITY		gal	7.9
HYDRAULIC SYSTEM CAPACITY		gal	18.5
OIL	OIL-532	Biodegradable	ISO VG46
	ARTIC-OIL-532	Mineral	ISO VG46
PUMP	Displacement	cc/rev	18
	Max Oil Flow	gal/min	10.5

SPX509.2 CL-2

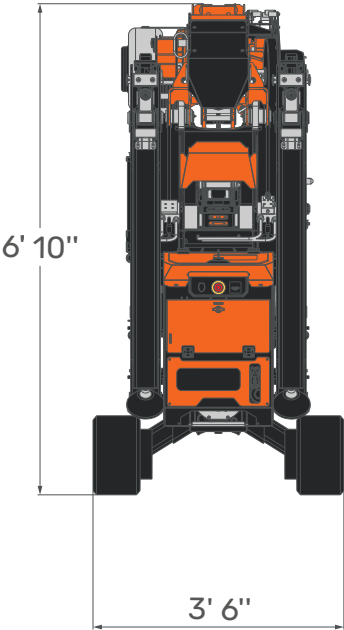
Overall dimensions

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OVERALL DIMENSIONS



CLOSED TRACKS



EXTENDED TRACKS

OVERALL INFORMATIONS

CRANE INFO

	DESCRIPTION	U.M.	VALUE
	OVERALL DIMENSIONS	ft	Height
			6' 6"
			Length
		ft	10' 4"
			Width
			2' 6"
	BOOM	ft	Length
			8' 6"/33' 10"
		s	Speed
			27 (8' 6"/33' 10")
	SLEWING	°	Angle
			360°
		rpm	Speed
			1,3
	LIFTING	°	Working Angle
			0/80°
		s	Speed
			27 (0/80°)
MAX CAPACITY		lb	1,950
MAX OUTRIGGERS MAX LOAD		lb	6,830
TRACK LOAD		lb/in ²	10,0
	TRAVEL SPEED	mph	Slow
			1.0
		mph	Fast
			1.9
MAX GRADEABILITY (CLOSED TRACKS)		°	16° (29%)
WORKING TEMPERATURE		°F	+14°/+104°
MAX WIND SPEED IN WORKING CONDITIONS		ft/s	45.2
Lifting Class (UNI 4301-1)		A1	

^[1]: Static lifting

SPX509.2 CL-2

Overall informations

01.12.2025 | REV1.0

WEIGHT		CRANE	Standard Configuration	lb	6,060 ^{[1][2]}
		HOOKBLOCK	1 ton single line hook	lb	60
			4T-D8		70

ACCESSORIES		JIB	1200GX	lb	70
			1000.2H1MX		530
			500GR		590
		WINCH	W800.80	lb	165
			W800.85-P		150
		HYDRAULIC ACTIVATION	HA-SPX532	lb	40
		WINTER KIT	WUK-02.2	lb	7
		OUTRIGGERS MATS	OM400.2 (x4)	lb	70

^[1]: Dry weight
^[2]: Estimated fluids weight = 220 lb

MOTOR		ELECTRIC MOTORIZATION	Power Supply		Lithium Battery	
			Battery Voltage		V	48
			Battery Capacity		Ah	210
			Motor Power		kW	8

ELECTRIC SYSTEM		POWER SUPPLY	CE	1 PH (230V) + N + PE			
			UL-CSA	1 PH (110V) + N + PE			
				2x 1 PH (220V) + PE			
		BATTERY CHARGER	CE	1 PH (230V) + N + PE	Charge	V	48
						Ah	40
			UL-CSA	1 PH (110V) + N + PE	Charge	V	48
						Ah	20
				2x 1 PH (220V) + PE	Charge	V	48
						Ah	20

EXTERNAL CHARGER		POWER SUPPLY	CE	3 PH (400V) + PE			
		BC-EXT-A	CE	3 PH (400V) + PE	Charge	V	48
						Ah	140

HYDRAULIC SYSTEM		MAX WORKING PRESSURE		bar	230	
		TANK CAPACITY		gal	7.9	
		HYDRAULIC SYSTEM CAPACITY		gal	18.5	
		OIL	OIL-532		Biodegradable	ISO VG46
			ARTIC-OIL-532		Mineral	ISO VG46
		PUMP	Displacement		cc/rev	18
Max Oil Flow			gal/min	10.5		

SPX509.2

Winch

01.12.2025 | REV1.0

WINCH

W800.80



LAYER	MAX PULL LINE	ROPE SPEED	
		SLOW	FAST
	lb	ft/min	ft/min
1	2,310 ^[1]	71	113
2	2,130 ^[1]	76	121
3	1,980 ^[1]	80	130
4	1,870 ^[1]	87	138
5	1,760 ^[1]	92	148

ROPE

WIRE ROPE	BREAKING LOAD	Ø	TOTAL LENGTH
	lb	in	ft
Anti-twist 19x7 right lang lay	10,360	1/4"	262' 6"

W800.85-P



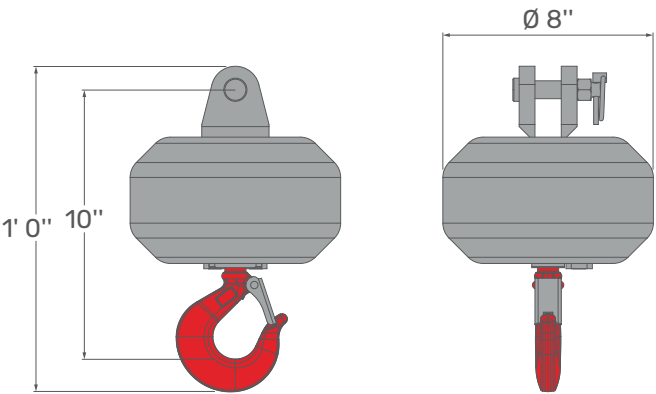
LAYER	MAX PULL LINE	ROPE SPEED	
		STANDARD	
	lb	ft/min	
1	2,270 ^[1]	52	
2	2,110 ^[1]	56	
3	1,980 ^[1]	59	
4	1,870 ^[1]	66	
5	1,760 ^[1]	69	

ROPE

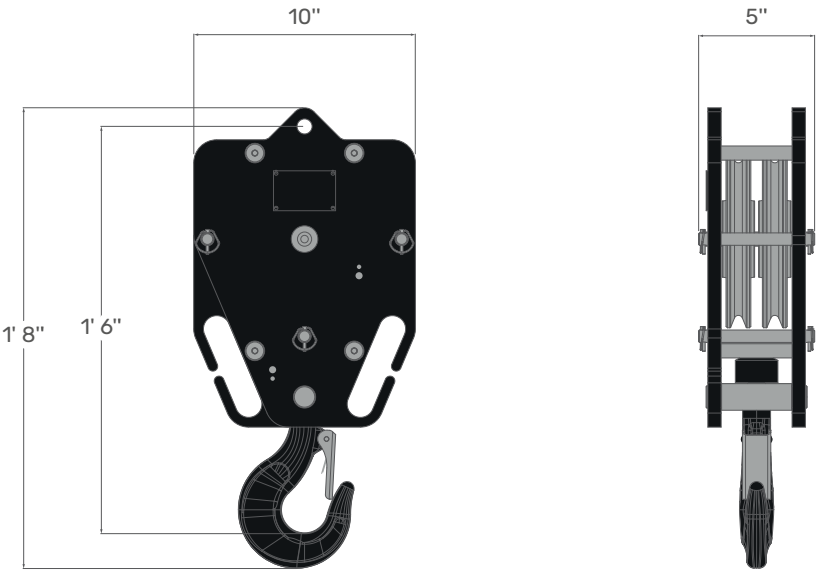
WIRE ROPE	BREAKING LOAD	Ø	TOTAL LENGTH
	lb	in	ft
Anti-twist 19x7 right lang lay	10,360	1/4"	285' 5"

^[1]: LMI limited at 1760 lb.
Maximum speed and maximum lifting capacity cannot be contemporary.

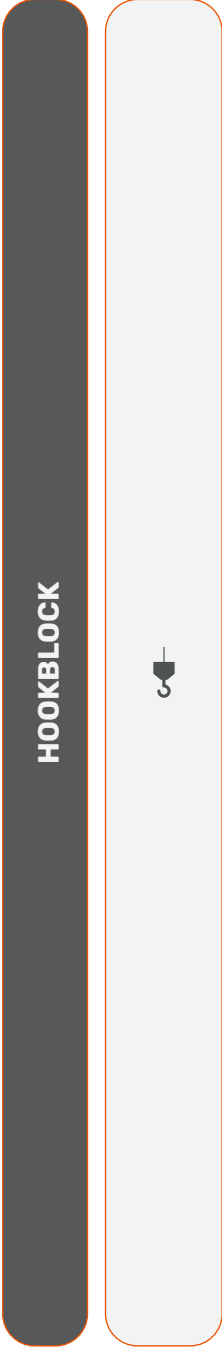
HOOKBLOCK



MODEL	LOAD		N° OF	
			Sheaves	Lines
1 ton single line hook	lb	1,760	-	1



MODEL	LOAD		N° OF	
			Sheaves	Lines
4T-D8	lb	1,760	2	1
		1,950		4

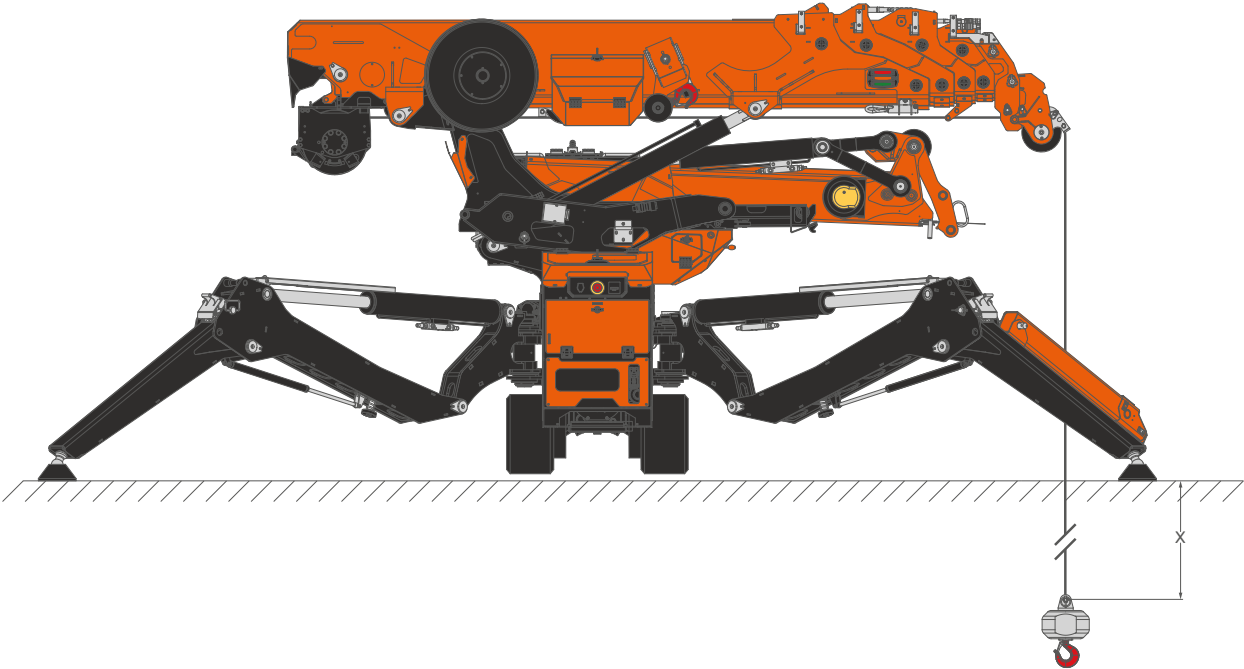


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Winch rope maximum reach

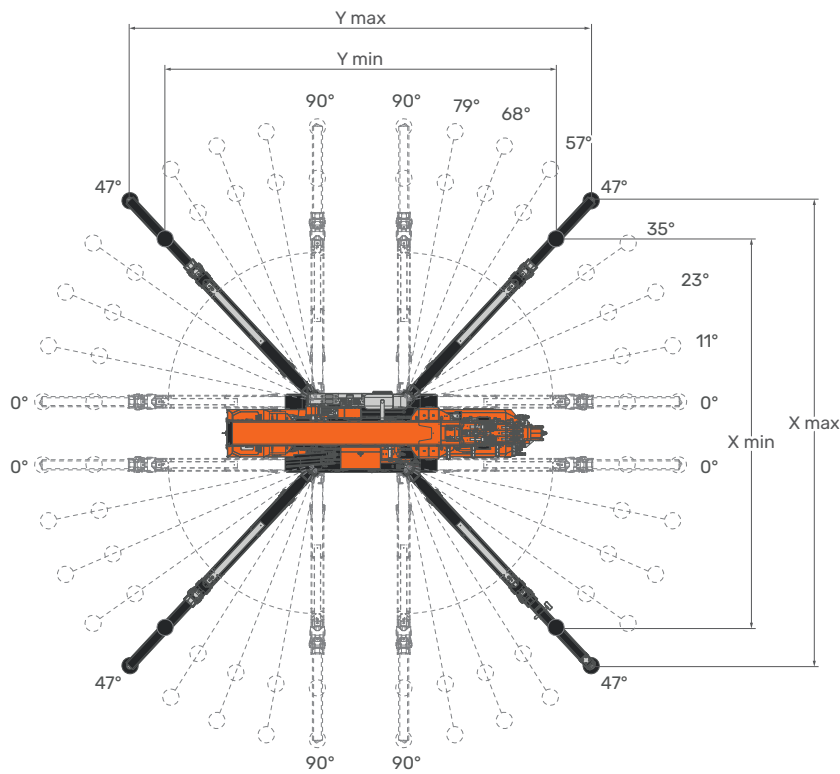
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WINCH ROPE MAX REACH

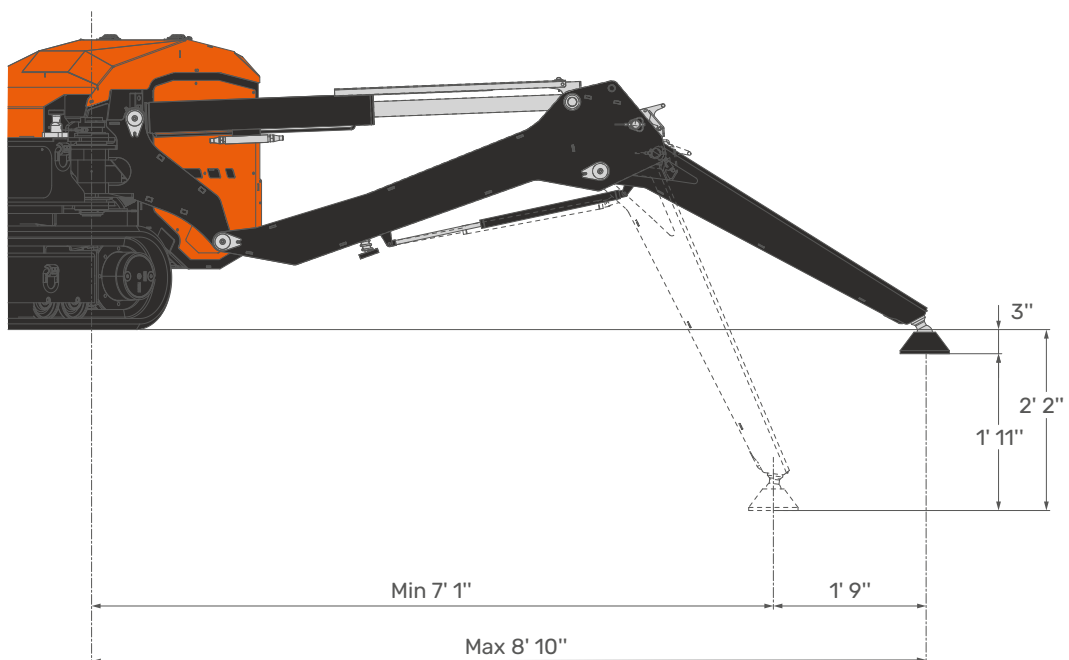


ROPE		W800.80	Parts of Line	1	ft	236' 3"
				4		55' 9"
		W800.85-P	Parts of Line	1	ft	252' 7"
				4		59' 1"

STABILITY AREAS



	MIN		MAX	
	X _{min}	Y _{min}	X _{max}	Y _{max}
0°	2' 0"	16' 11"	2' 0"	20' 6"
11°	4' 11"	16' 7"	5' 8"	20' 2"
23°	7' 8"	15' 9"	9' 1"	19' 0"
35°	10' 2"	14' 4"	12' 3"	17' 3"
47°	12' 4"	12' 5"	15' 0"	14' 10"
57°	14' 0"	10' 4"	17' 0"	12' 3"
68°	15' 2"	8' 0"	18' 6"	9' 3"
79°	15' 2"	5' 5"	19' 5"	6' 1"
90°	16' 2"	2' 9"	19' 9"	2' 9"



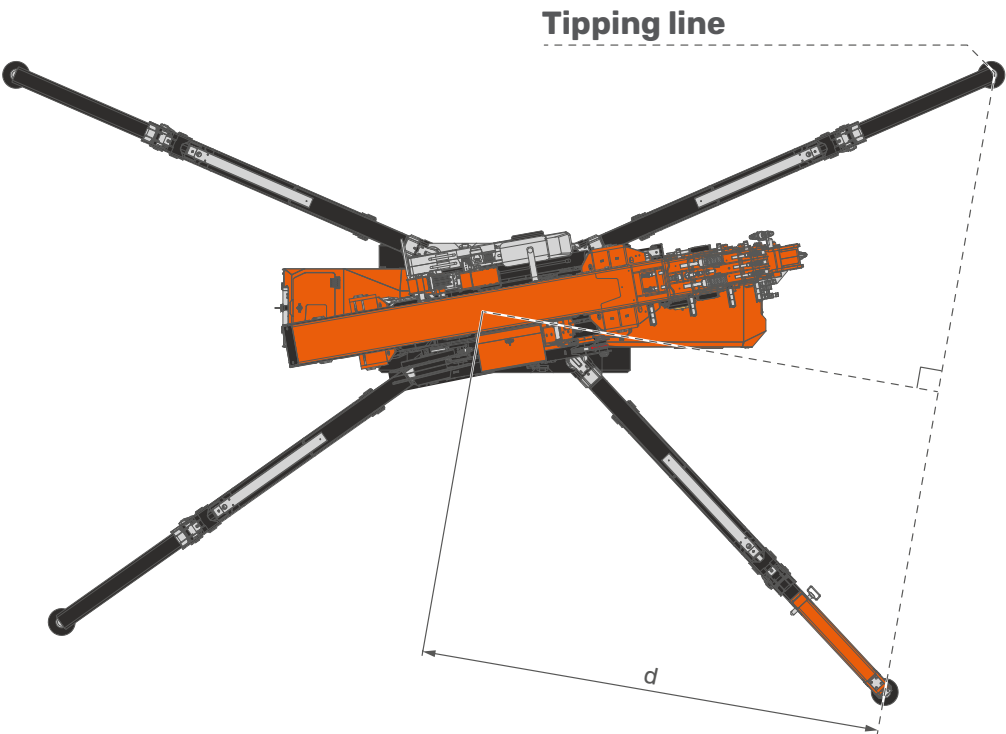
[ft]

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Tipping line - Load chart selection

01.12.2025 | REV1.0

TIPPING LINE



LOAD CHART SELECTION

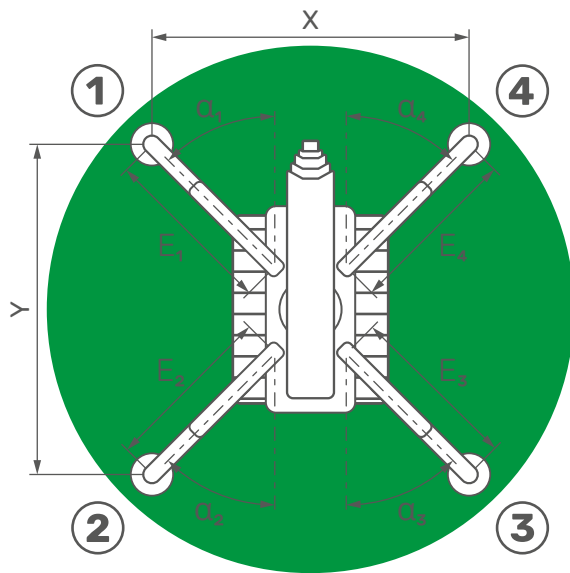
LOAD CHART	d = 2' 4"	d = 3' 9"	d = 5' 1"	d = 6' 2"	d = 6' 11"	d = 7' 6"
						J7
					J6	
				J5		
			J4			
		J3				
	J2					
J1 - PICK & CARRY						
J0 - PICK & CARRY WITH LIMITED SLEWING						

STABILITY AREA

LOAD CHART	FUNCTION
J2-J7	Crane Stabilized
J1	Pick & Carry
J0	Pick & Carry with Limited Slewing

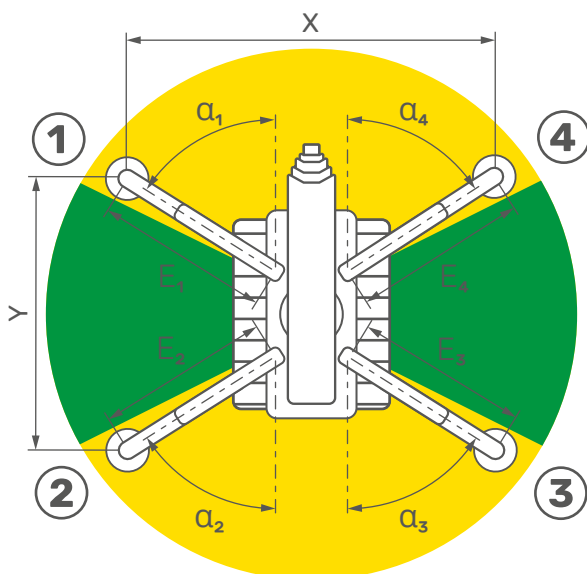
CRANE PERFORMANCE

STABILITY EXAMPLES



FULLY SYMMETRIC STABILITY

FOOTPRINT DIMENSIONS	X	15' 1"
	Y	14' 9"
OUTRIGGERS ANGLE	α_1	47°
	α_2	47°
	α_3	47°
	α_4	47°
OUTRIGGERS EXTENSION	E_1	8' 10"
	E_2	8' 10"
	E_3	8' 10"
	E_4	8' 10"
J7		360°



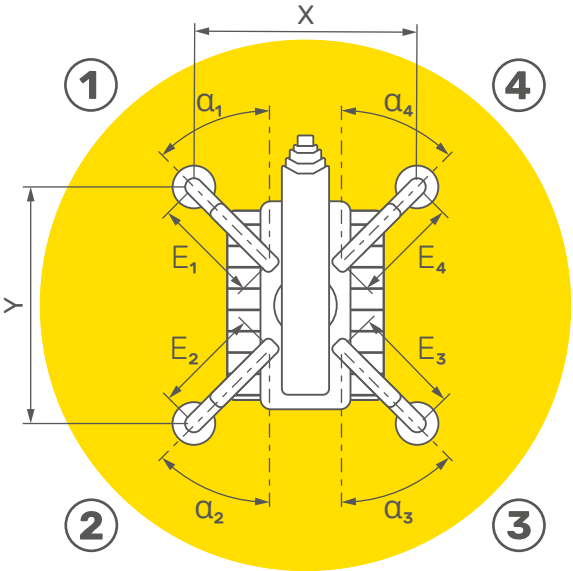
FULLY SYMMETRIC STABILITY

FOOTPRINT DIMENSIONS	X	17' 1"
	Y	12' 2"
OUTRIGGERS ANGLE	α_1	57°
	α_2	57°
	α_3	57°
	α_4	57°
OUTRIGGERS EXTENSION	E_1	8' 10"
	E_2	8' 10"
	E_3	8' 10"
	E_4	8' 10"
J7		2 x 73°
J5		2 x 107°

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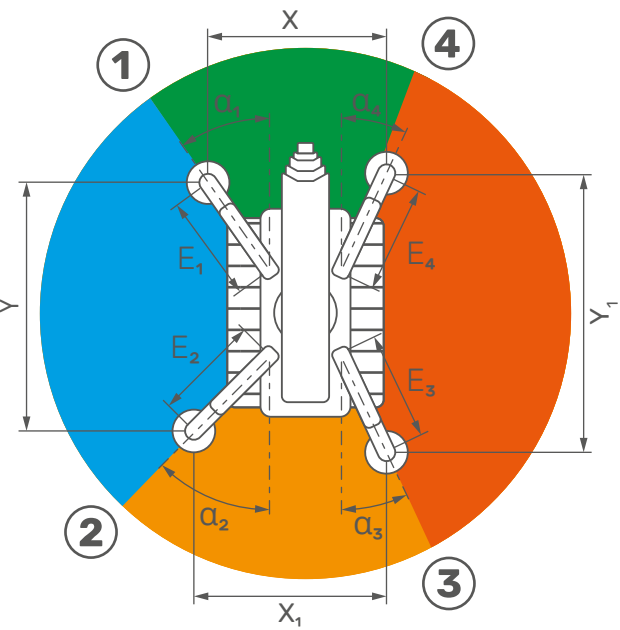
Stability examples

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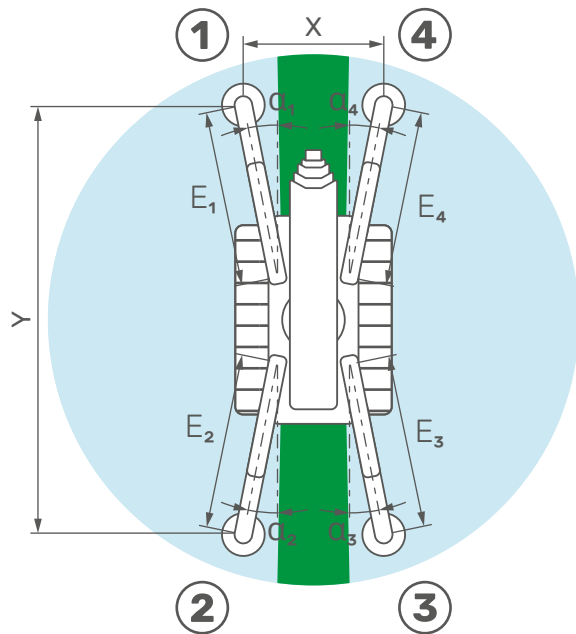
MINIMUM SYMMETRIC STABILITY

FOOTPRINT DIMENSIONS		
X		12' 6"
Y		12' 6"
OUTRIGGERS ANGLE		
α_1		47°
α_2		47°
α_3		47°
α_4		47°
OUTRIGGERS EXTENSION		
E_1		7' 1"
E_2		7' 1"
E_3		7' 1"
E_4		7' 1"
J5		360°



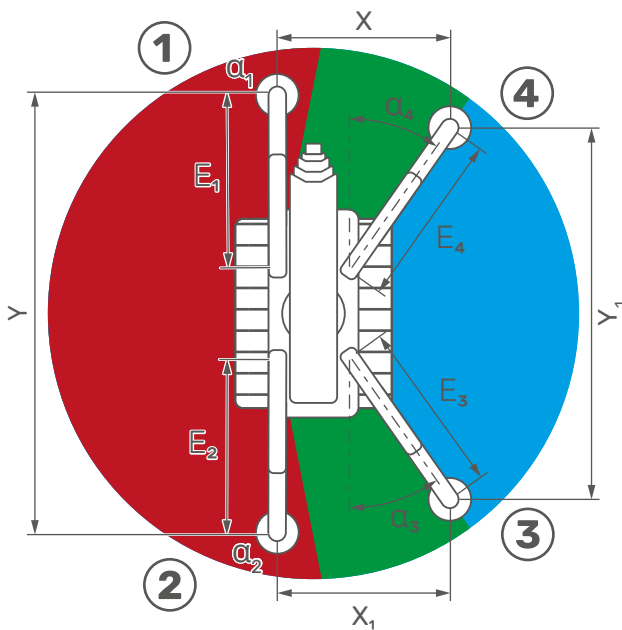
FULLY SYMMETRIC STABILITY

FOOTPRINT DIMENSIONS		
X		8' 10"
X_1		9' 10"
Y		13' 5"
Y_1		15' 9"
OUTRIGGERS ANGLE		
α_1		35°
α_2		47°
α_3		23°
α_4		23°
OUTRIGGERS EXTENSION		
E_1		7' 1"
E_2		7' 1"
E_3		7' 1"
E_4		7' 1"
J7		60°
J6		70°
J4		100°
J3		130°



FULLY SYMMETRIC STABILITY

FOOTPRINT DIMENSIONS	OUTRIGGERS ANGLE	OUTRIGGERS EXTENSION
X		5' 7"
Y		20' 0"
α_1		11°
α_2		11°
α_3		11°
α_4		11°
E_1		8' 10"
E_2		8' 10"
E_3		8' 10"
E_4		8' 10"
J7		2 x 16
J2		2 x 164°



FULLY SYMMETRIC STABILITY

FOOTPRINT DIMENSIONS	OUTRIGGERS ANGLE	OUTRIGGERS EXTENSION
X		7' 3"
X_1		7' 3"
Y		20' 8"
Y_1		17' 5"
α_1		0°
α_2		0°
α_3		35°
α_4		35°
E_1		8' 10"
E_2		8' 10"
E_3		8' 10"
E_4		8' 10"
J7		2 x 29°
J4		110°
J0		192°

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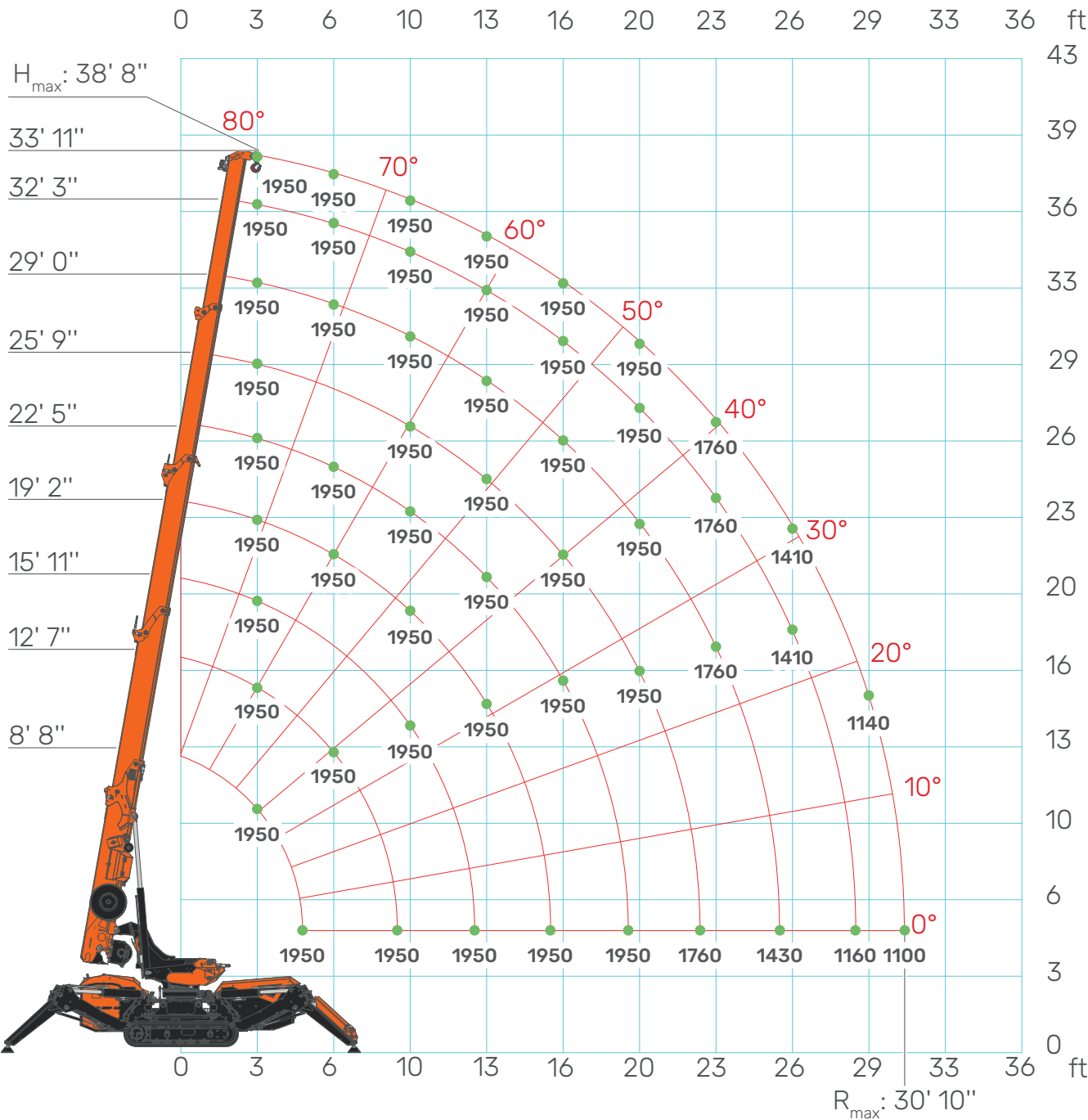
Main boom load chart

01.12.2025 | REV1.0

MAIN BOOM



J7



CRANE PERFORMANCE: J7

L [ft]→	8' 8"	9' 4"	12' 7"	15' 11"	19' 2"	22' 5"	25' 9"	29' 0"	32' 3"	33' 11"
3' 3"	1950	1950	1950	1950	1950	1950	1950	1950	1950	1950
6' 7"	1950	1950	1950	1950	1950	1950	1950	1950	1950	1950
9' 10"			1950	1950	1950	1950	1950	1950	1950	1950
13' 1"				1950	1950	1950	1950	1950	1950	1950
16' 5"					1950	1950	1950	1950	1950	1950
19' 8"						1950	1950	1950	1950	1950
22' 12"							1760	1760	1760	1760
26' 3"								1430	1410	1410
29' 6"									1160	1140
30' 6"										1100
↑R[ft]	[lb]	532__500US_0725_C58J7								

CRANE PERFORMANCE: J6

L [ft]→	8' 8"	9' 4"	12' 7"	15' 11"	19' 2"	22' 5"	25' 9"	29' 0"	32' 3"	33' 11"
3' 3"	6610	6610	5840	5290	5070	4620	3810	3630	3410	3190
3' 11"	7050	7050	5820	5240	4960	4510	3810	3590	3370	3100
6' 7"	7050	7050	5730	5070	4600	4140	3810	3410	3190	2790
9' 10"			5730	5070	4290	3740	3370	3100	2770	2570
13' 1"				4620	3940	3520	2970	2860	2600	2270
16' 5"					2910	2910	2640	2460	2200	2110
19' 8"						2070	2070	2070	2070	1980
22' 12"							1560	1560	1560	1560
26' 3"								1230	1230	1230
29' 6"									1010	1010
30' 6"										900
↑R[ft]	[lb]	532__500US_0725_C58J6								

SPX509.2

Main boom load tables

01.12.2025 | REV1.0

CRANE PERFORMANCE: J5

L [ft]→	8' 8"	9' 4"	12' 7"	15' 11"	19' 2"	22' 5"	25' 9"	29' 0"	32' 3"	33' 11"
3' 3"	1950	1950	1950	1950	1950	1950	1950	1950	1950	1950
6' 7"	1950	1950	1950	1950	1950	1950	1950	1950	1950	1950
9' 10"			1950	1950	1950	1950	1950	1950	1950	1950
13' 1"				1950	1950	1950	1950	1950	1950	1950
16' 5"					1950	1950	1950	1950	1950	1950
19' 8"						1760	1760	1760	1760	1760
22' 12"							1320	1320	1320	1320
26' 3"								1050	1050	1050
29' 6"									880	880
30' 6"										790
↑R[ft]	[lb]	532__500US_0725_C58J5								

CRANE PERFORMANCE: J4

L [ft]→	8' 8"	9' 4"	12' 7"	15' 11"	19' 2"	22' 5"	25' 9"	29' 0"	32' 3"	33' 11"
3' 3"	1950	1950	1950	1950	1950	1950	1950	1950	1950	1950
6' 7"	1950	1950	1950	1950	1950	1950	1950	1950	1950	1950
9' 10"			1950	1950	1950	1950	1950	1950	1950	1950
13' 1"				1950	1950	1950	1950	1950	1950	1950
16' 5"					1670	1670	1670	1630	1580	1560
19' 8"						1210	1210	1210	1210	1190
22' 12"							920	920	920	920
26' 3"								700	700	700
29' 6"									570	570
30' 6"										500
↑R[ft]	[lb]	532__500US_0725_C58J4								

CRANE PERFORMANCE: J3

L [ft]→	8' 8"	9' 4"	12' 7"	15' 11"	19' 2"	22' 5"	25' 9"	29' 0"	32' 3"	33' 11"
3' 3"	1950	1950	1950	1950	1950	1950	1950	1950	1910	1760
6' 7"	1950	1950	1950	1950	1950	1950	1950	1950	1820	1690
9' 10"			1950	1950	1950	1950	1950	1890	1760	1630
13' 1"				1410	1410	1360	1320	1270	1230	1210
16' 5"					940	940	920	900	880	880
19' 8"						660	660	660	660	660
22' 12"							480	480	480	480
26' 3"								350	350	350
29' 6"									260	260
30' 6"										220
↑R[ft]	[lb]	532__500US_0725_C58J3								

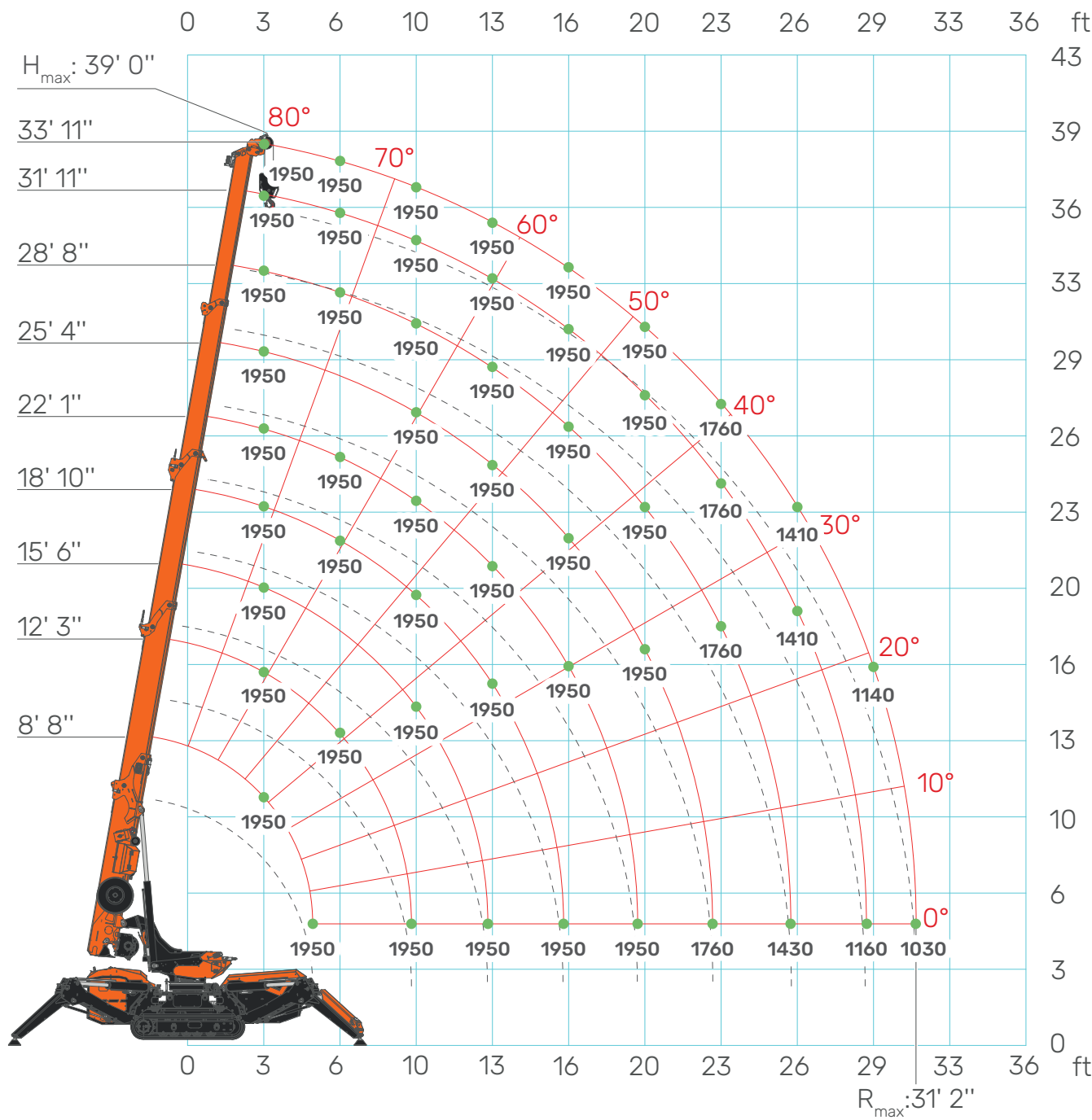
CRANE PERFORMANCE: J2

L [ft]→	8' 8"	9' 4"	12' 7"	15' 11"	19' 2"	22' 5"	25' 9"	29' 0"	32' 3"	33' 11"
3' 3"	1950	1950	1950	1950	1950	1950	1950	1710	1450	1320
6' 7"	1740	1740	1540	1430	1320	1230	1160	1080	1010	990
9' 10"			880	810	770	720	700	660	610	610
13' 1"				500	460	460	440	410	390	370
15' 9"					300	280	260	240	240	240
↑R[ft]	[lb]	532__500US_0725_C58J2								

SPX509.2

Main boom load chart

01.12.2025 | REV1.0



CRANE PERFORMANCE: J7

L [ft]→	8' 8"	8' 11"	12' 3"	15' 6"	18' 10"	22' 1"	25' 4"	28' 8"	31' 11"	33' 11"
3' 3"	1950	1950	1950	1950	1950	1950	1950	1950	1950	1950
6' 7"	1950	1950	1950	1950	1950	1950	1950	1950	1950	1950
9' 10"			1950	1950	1950	1950	1950	1950	1950	1950
13' 1"				1950	1950	1950	1950	1950	1950	1950
16' 5"					1950	1950	1950	1950	1950	1950
19' 8"						1950	1950	1950	1950	1950
22' 12"							1760	1760	1760	1760
26' 3"								1430	1410	1410
29' 6"									1160	1140
30' 10"										1030
↑R[ft]	[lb]	532__500US_0725_C3J7								

CRANE PERFORMANCE: J6

L [ft]→	8' 8"	8' 11"	12' 3"	15' 6"	18' 10"	22' 1"	25' 4"	28' 8"	31' 11"	33' 11"
3' 3"	1950	1950	1950	1950	1950	1950	1950	1950	1950	1950
6' 7"	1950	1950	1950	1950	1950	1950	1950	1950	1950	1950
9' 10"			1950	1950	1950	1950	1950	1950	1950	1950
13' 1"				1950	1950	1950	1950	1950	1950	1950
16' 5"					1950	1950	1950	1950	1950	1950
19' 8"						1950	1950	1950	1950	1950
22' 12"							1560	1560	1560	1560
26' 3"								1230	1230	1230
29' 6"									990	990
30' 10"										880
↑R[ft]	[lb]	532__500US_0725_C3J6								

SPX509.2

Main boom load tables

01.12.2025 | REV1.0

CRANE PERFORMANCE: J5

L [ft]→	8' 8"	8' 11"	12' 3"	15' 6"	18' 10"	22' 1"	25' 4"	28' 8"	31' 11"	33' 11"
3' 3"	1950	1950	1950	1950	1950	1950	1950	1950	1950	1950
6' 7"	1950	1950	1950	1950	1950	1950	1950	1950	1950	1950
9' 10"			1950	1950	1950	1950	1950	1950	1950	1950
13' 1"				1950	1950	1950	1950	1950	1950	1950
16' 5"					1950	1950	1950	1950	1950	1950
19' 8"						1760	1760	1760	1760	1760
22' 12"							1320	1320	1320	1320
26' 3"								1050	1050	1050
29' 6"									880	880
30' 10"										700
↑R[ft]	[lb]	532__500US_0725_C3J5								

CRANE PERFORMANCE: J4

L [ft]→	8' 8"	8' 11"	12' 3"	15' 6"	18' 10"	22' 1"	25' 4"	28' 8"	31' 11"	33' 11"
3' 3"	1950	1950	1950	1950	1950	1950	1950	1950	1950	1950
6' 7"	1950	1950	1950	1950	1950	1950	1950	1950	1950	1950
9' 10"			1950	1950	1950	1950	1950	1950	1950	1950
13' 1"				1950	1950	1950	1950	1950	1950	1950
16' 5"					1670	1670	1670	1630	1580	1560
19' 8"						1210	1210	1210	1210	1190
22' 12"							900	900	900	900
26' 3"								700	700	700
29' 6"									570	570
30' 10"										480
↑R[ft]	[lb]	532__500US_0725_C3J4								

CRANE PERFORMANCE: J3

L [ft]→	8' 8"	8' 11"	12' 3"	15' 6"	18' 10"	22' 1"	25' 4"	28' 8"	31' 11"	33' 11"
3' 3"	1950	1950	1950	1950	1950	1950	1950	1950	1910	1760
6' 7"	1950	1950	1950	1950	1950	1950	1950	1950	1820	1650
9' 10"			1950	1950	1950	1950	1950	1890	1760	1600
13' 1"				1410	1410	1360	1320	1270	1230	1210
16' 5"					940	940	940	920	880	880
19' 8"						660	660	660	660	630
22' 12"							480	480	480	480
26' 3"								350	350	350
29' 6"									260	260
30' 10"										220
↑R[ft]	[lb]	532__500US_0725_C3J3								

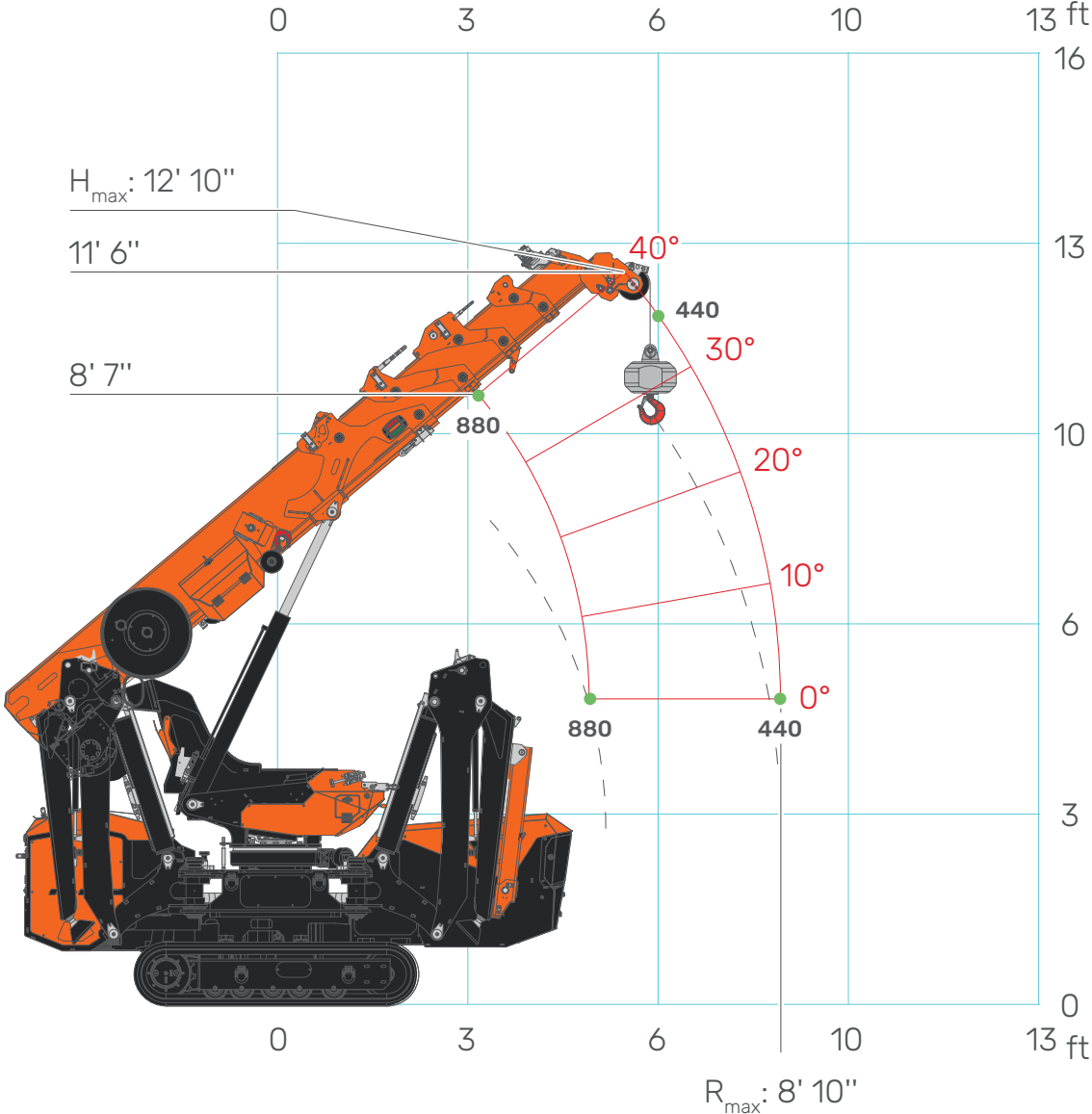
CRANE PERFORMANCE: J2

L [ft]→	8' 8"	8' 11"	12' 3"	15' 6"	18' 10"	22' 1"	25' 4"	28' 8"	31' 11"	33' 11"
3' 3"	1950	1950	1950	1950	1950	1950	1950	1710	1430	1300
6' 7"	1760	1760	1540	1430	1340	1250	1160	1100	1010	990
9' 10"			900	810	770	740	700	660	610	610
13' 1"				500	480	460	440	410	390	370
15' 9"					300	280	260	260	240	240
↑R[ft]	[lb]	532__500US_0725_C3J2								

SPX509.2

Main boom load chart - Pick&Carry

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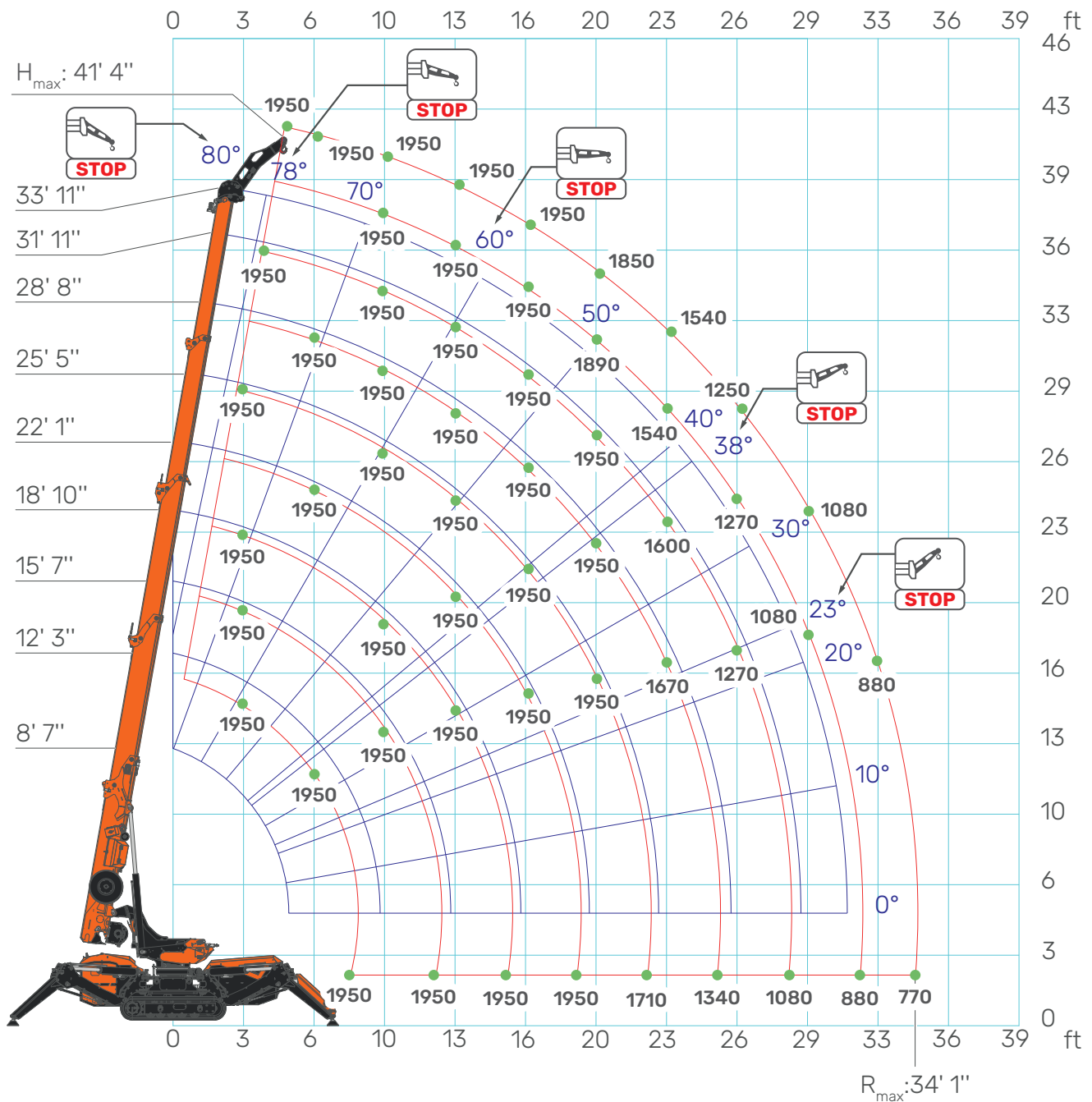




CRANE PERFORMANCE: J0		
L [ft]→	8' 7"	11' 6"
3' 3"	880	440
6' 7"	880	440
8' 10"		440
↑R[ft]	[lb]	532___500US_0725_C3J0 532___500US_0725_C58J0

JIB1200GX load chart

JIB1200GX



*The word "STOP" stands for the maximum working angle of the main boom for the displayed jib configuration.

CRANE PERFORMANCE: J7

L [ft]→	8' 7"	8' 12"	12' 3"	15' 7"	18' 10"	22' 1"	25' 5"	28' 8"	31' 11"	33' 11"
3' 3"	1950	1950	1950	1950	1950	1950	1950	1950	1950	1950
6' 7"	1950	1950	1950	1950	1950	1950	1950	1950	1950	1950
9' 10"	1950	1950	1950	1950	1950	1950	1950	1950	1950	1950
13' 1"			1950	1950	1950	1950	1950	1950	1950	1950
16' 5"				1950	1950	1950	1950	1950	1950	1950
19' 8"					1950	1950	1950	1950	1890	1850
22' 12"						1710	1670	1600	1540	1540
26' 3"							1340	1270	1270	1250
29' 6"								1080	1080	1080
32' 10"									880	880
34' 1"										770
↑R[ft]	[lb]	532__500US_0725_C11J7								

CRANE PERFORMANCE: J6

L [ft]→	8' 7"	8' 12"	12' 3"	15' 7"	18' 10"	22' 1"	25' 5"	28' 8"	31' 11"	33' 11"
3' 3"	1950	1950	1950	1950	1950	1950	1950	1950	1950	1950
6' 7"	1950	1950	1950	1950	1950	1950	1950	1950	1950	1950
9' 10"	1950	1950	1950	1950	1950	1950	1950	1950	1950	1950
13' 1"			1950	1950	1950	1950	1950	1950	1950	1950
16' 5"				1950	1950	1950	1950	1950	1950	1950
19' 8"					1950	1950	1950	1950	1890	1850
22' 12"						1560	1540	1540	1520	1520
26' 3"							1210	1210	1210	1210
29' 6"								970	970	970
32' 10"									790	770
34' 1"										700
↑R[ft]	[lb]	532__500US_0725_C11J6								

SPX509.2

JIB1200GX load tables

01.12.2025 | REV1.0

CRANE PERFORMANCE: J5

L [ft]→	8' 7"	8' 12"	12' 3"	15' 7"	18' 10"	22' 1"	25' 5"	28' 8"	31' 11"	33' 11"
3' 3"	1950	1950	1950	1950	1950	1950	1950	1950	1950	1950
6' 7"	1950	1950	1950	1950	1950	1950	1950	1950	1950	1950
9' 10"	1950	1950	1950	1950	1950	1950	1950	1950	1950	1950
13' 1"			1950	1950	1950	1950	1950	1950	1950	1950
16' 5"				1950	1950	1950	1950	1950	1950	1950
19' 8"					1690	1650	1560	1490	1360	1320
22' 12"						1270	1230	1190	1100	1050
26' 3"							970	940	920	880
29' 6"								770	770	700
32' 10"									610	610
34' 1"										550
↑R[ft]	[lb]	532__500US_0725_C11J5								

CRANE PERFORMANCE: J4

L [ft]→	8' 7"	8' 12"	12' 3"	15' 7"	18' 10"	22' 1"	25' 5"	28' 8"	31' 11"	33' 11"
3' 3"	1950	1950	1950	1950	1950	1950	1950	1950	1950	1910
6' 7"	1950	1950	1950	1950	1950	1950	1950	1950	1950	1850
9' 10"	1950	1950	1950	1950	1950	1950	1950	1950	1950	1800
13' 1"			1950	1950	1950	1950	1950	1950	1950	1780
16' 5"				1670	1670	1600	1540	1470	1430	1410
19' 8"					1210	1190	1160	1120	1080	1080
22' 12"						900	880	880	850	830
26' 3"							680	680	680	660
29' 6"								520	520	520
32' 10"									390	390
34' 1"										350
↑R[ft]	[lb]	532__500US_0725_C11J4								

CRANE PERFORMANCE: J3

L [ft]→	8' 7"	8' 12"	12' 3"	15' 7"	18' 10"	22' 1"	25' 5"	28' 8"	31' 11"	33' 11"
3' 3"	1950	1950	1950	1950	1950	1950	1950	1870	1580	1470
6' 7"	1950	1950	1950	1950	1950	1950	1950	1800	1520	1410
9' 10"	1950	1950	1950	1950	1950	1850	1760	1670	1490	1380
13' 1"			1450	1360	1270	1210	1160	1120	1080	1050
16' 5"				940	900	850	810	790	740	740
19' 8"					660	630	590	570	550	520
22' 12"						460	440	410	390	390
25' 7"							330	300	280	280
↑R[ft]	[lb]	532__500US_0725_C11J3								

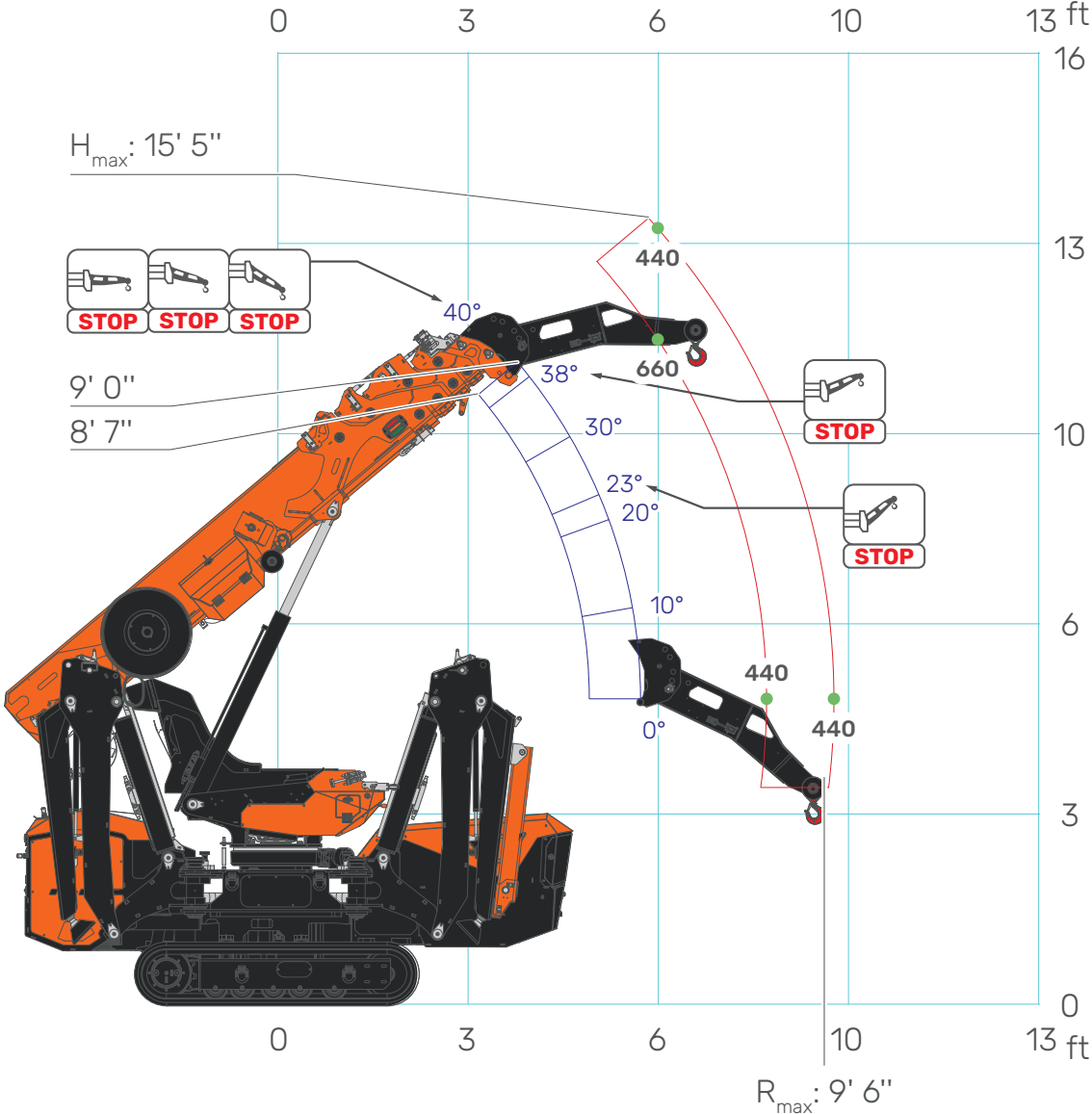
CRANE PERFORMANCE: J2

L [ft]→	8' 7"	8' 12"	12' 3"	15' 7"	18' 10"	22' 1"	25' 5"	28' 8"	31' 11"	33' 11"
3' 3"	1950	1950	1950	1950	1950	1950	1670	1380	1160	1100
6' 7"	1490	1490	1320	1210	1100	1010	920	850	790	770
9' 10"		920	770	680	630	570	520	480	440	440
12' 6"			500	410	370	330	300	280	240	240
↑R[ft]	[lb]	532__500US_0725_C11J2								

SPX509.2

JIB1200GX load chart - Pick&Carry

01.12.2025 | REV1.0



*The word "STOP" stands for the maximum working angle of the main boom for the displayed jib configuration.



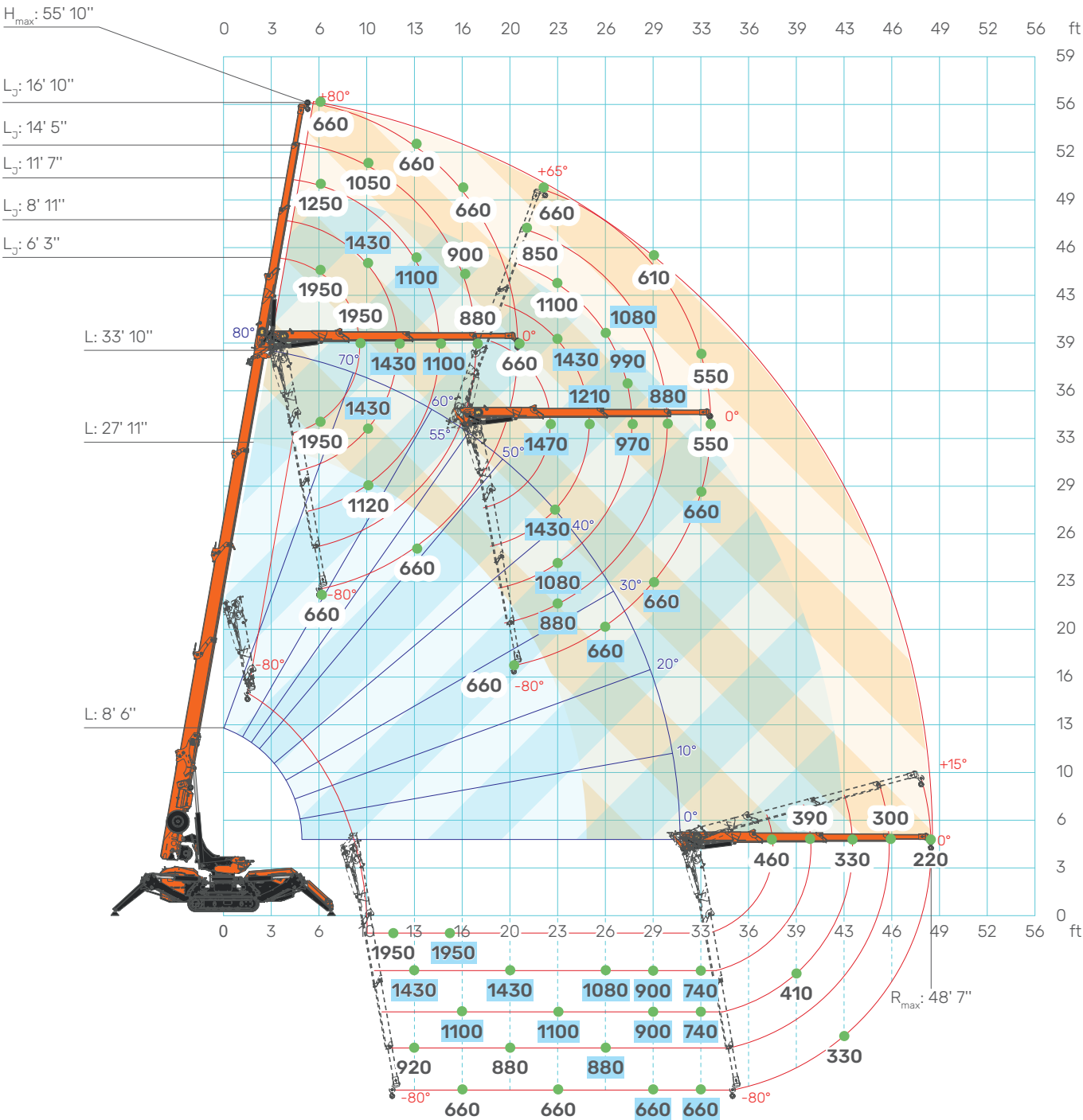
CRANE PERFORMANCE: J0		
L [ft]→	8' 7"	9' 0"
3' 3"	660	440
6' 7"	660	440
9' 6"	440	440
↑R[ft]	[lb]	532____500US_0725_C11D0

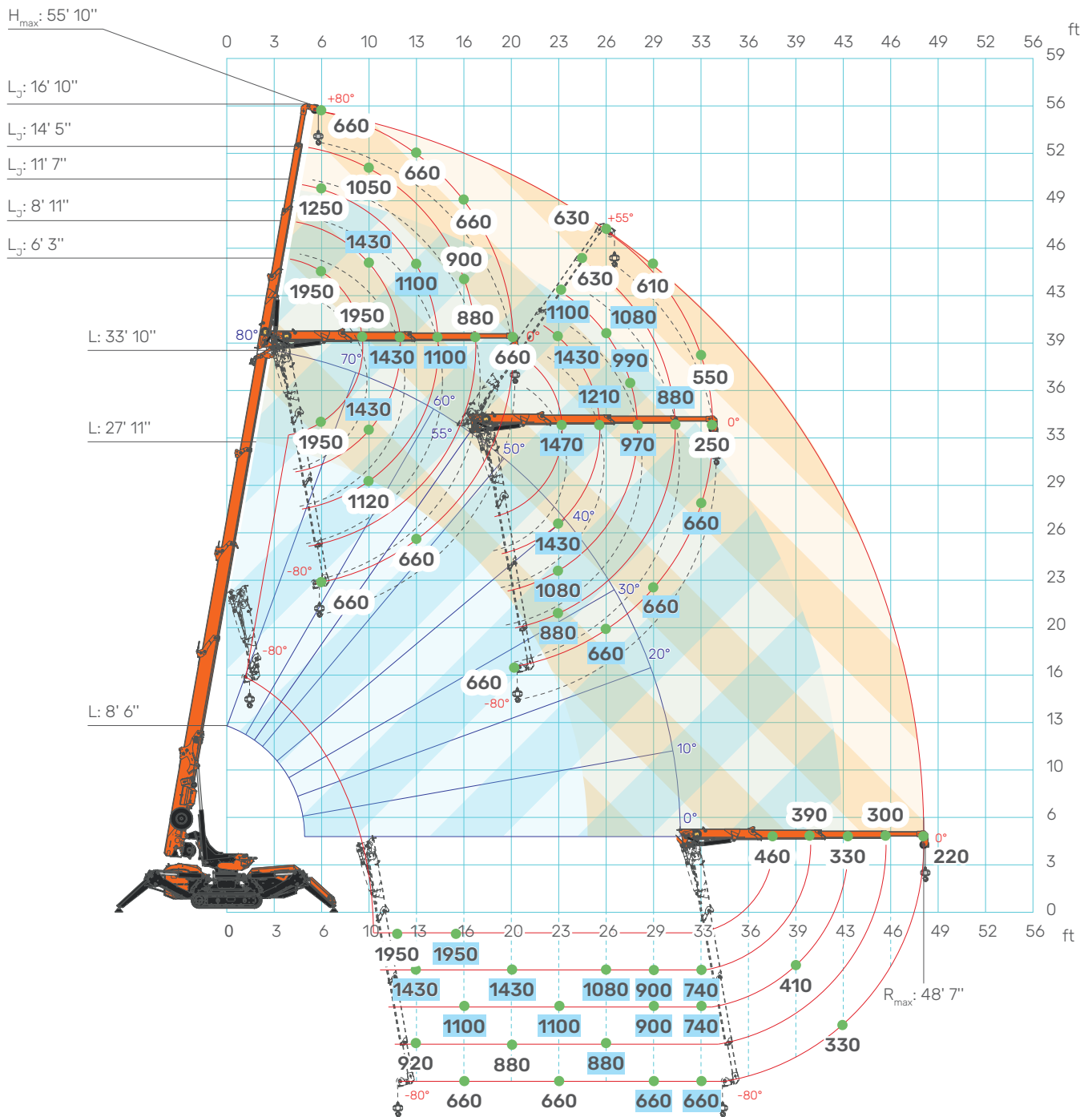
SPX509.2

JIB1000.2H1MX load chart

01.12.2025 | REV1.0

JIB1000.2H1MX





SPX509.2

JIB1000.2H1MX load tables

01.12.2025 | REV1.0

CRANE PERFORMANCE: J7 (6' 3" < L < 27' 11")

L _j [ft]→	6' 3"	8' 11"	11' 7"	14' 5"	16' 10"
3' 3"	1950	1760	1380	1100	660
6' 7"	1950	1540	1250	1080	660
9' 10"	1950	1430	1120	1050	660
13' 1"	1950	1430	1100	920	660
16' 5"	1950	1430	1100	900	660
19' 8"	1950	1430	1100	880	660
22' 12"	1470	1430	1100	880	660
26' 3"	1080	1080	1080	880	660
29' 6"	900	900	900	880	660
32' 10"		740	740	740	660
36' 1"			630	630	630
39' 4"				550	550
42' 8"					480
↑R[ft]	[lb]	532__500US_0725_C19J1			

CRANE PERFORMANCE: J7 (L > 27' 11")

L _j [ft]→	6' 3"	8' 11"	11' 7"	14' 5"	16' 10"
3' 3"	1950	1760	1380	1100	660
6' 7"	1950	1540	1250	1080	660
9' 10"	1950	1320	1120	1050	660
13' 1"	1950	1270	1050	920	660
16' 5"	1760	1230	1030	900	660
19' 8"	1450	1120	1010	880	660
22' 12"	1230	1100	990	850	660
26' 3"	970	900	850	830	630
29' 6"	790	790	790	740	610
32' 10"	590	590	590	590	550
36' 1"	500	500	500	500	500
39' 4"		410	410	410	410
42' 8"			330	330	330
45' 11"				300	280
48' 7"					220
↑R[ft]	[lb]	532__500US_0725_C19J7			

CRANE PERFORMANCE: J6

L _j [ft]→	6' 3"	8' 11"	11' 7"	14' 2"	16' 10"
3' 3"	1950	1760	1380	1100	660
6' 7"	1950	1540	1250	1080	660
9' 10"	1950	1320	1120	1050	660
13' 1"	1950	1270	1050	920	660
16' 5"	1760	1230	1030	900	660
19' 8"	1450	1120	1010	880	660
22' 12"	1140	1100	990	850	660
26' 3"	830	830	830	830	630
29' 6"	590	590	590	590	590
32' 10"	410	410	410	410	410
36' 1"	350	350	350	350	350
39' 4"		300	300	300	300
42' 8"			260	260	260
45' 11"				220	220
48' 7"					190
↑R[ft]	[lb]	532__500US_0725_C19J6			

CRANE PERFORMANCE: J5

L _j [ft]→	6' 3"	8' 11"	11' 7"	14' 5"	16' 10"
3' 3"	1950	1760	1380	1100	660
6' 7"	1950	1540	1250	1080	660
9' 10"	1950	1320	1120	1050	660
13' 1"	1950	1270	1050	920	660
16' 5"	1670	1230	1030	900	660
19' 8"	1210	1120	1010	880	660
22' 12"	900	900	900	850	660
26' 3"	630	630	630	630	630
29' 6"	410	410	410	410	410
32' 10"	260	260	260	260	260
35' 5"	240	240	240	240	240
↑R[ft]	[lb]	532__500US_0725_C19J5			

CRANE PERFORMANCE: J4

L _j [ft]→	6' 3"	8' 11"	11' 7"	14' 5"	16' 10"
3' 3"	1230	1140	1030	970	660
6' 7"	1190	1100	990	920	660
9' 10"	1120	1030	970	900	660
13' 1"	1100	1010	940	850	660
16' 5"	970	970	920	850	660
19' 8"	660	660	660	660	660
22' 12"	410	410	410	410	410
25' 7"	240	240	240	240	240
↑R[ft]	[lb]	532__500US_0725_C19J4			

CRANE PERFORMANCE: J3

L _j [ft]→	6' 3"	8' 11"	11' 7"	14' 5"	16' 10"
3' 3"	940	850	790	740	660
6' 7"	880	810	770	700	660
9' 10"	850	790	720	660	610
13' 1"	700	700	680	630	590
16' 5"	390	390	390	390	390
17' 5"	220	220	220	220	220
↑R[ft]	[lb]	532__500US_0725_C19J3			

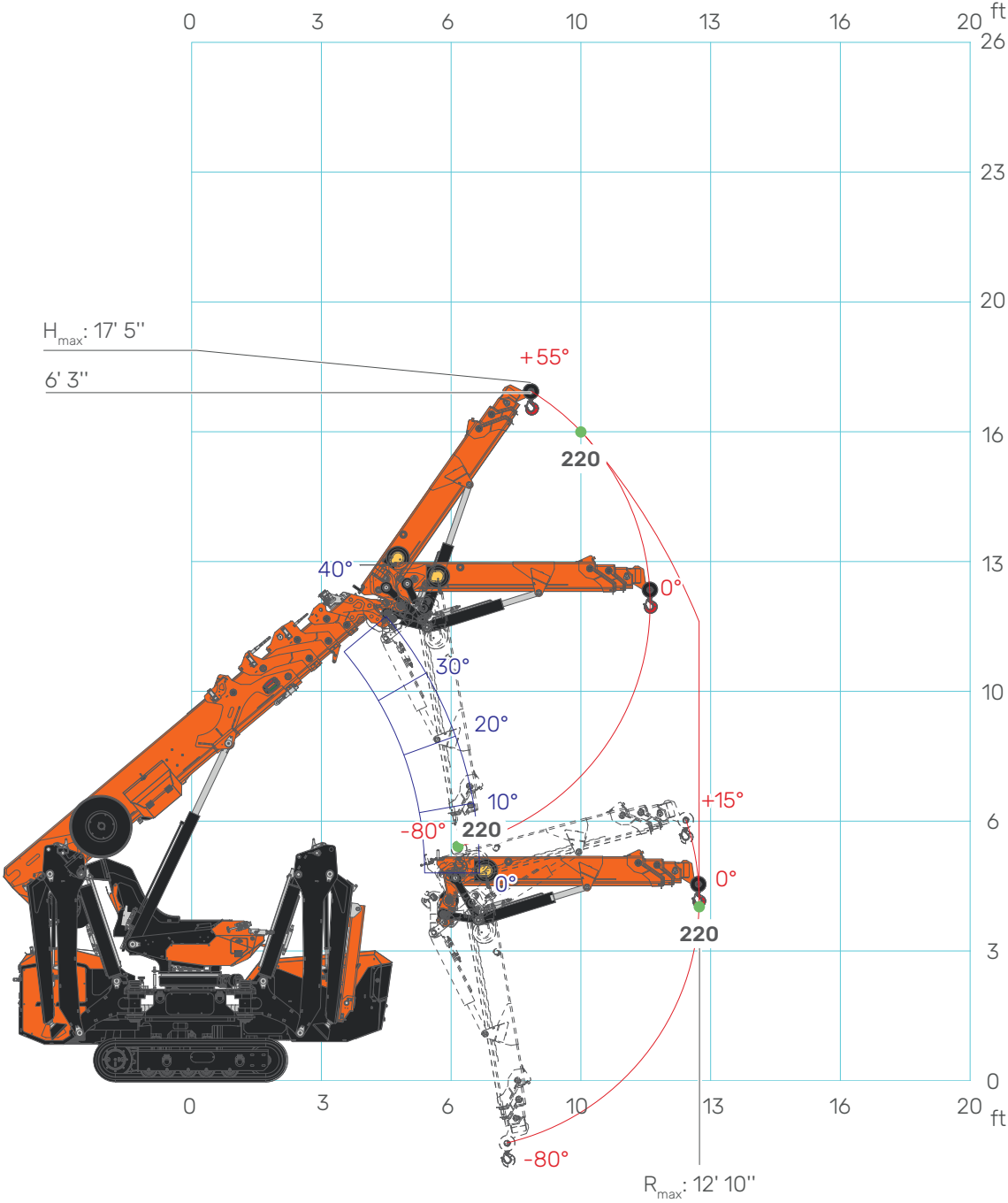
CRANE PERFORMANCE: J2

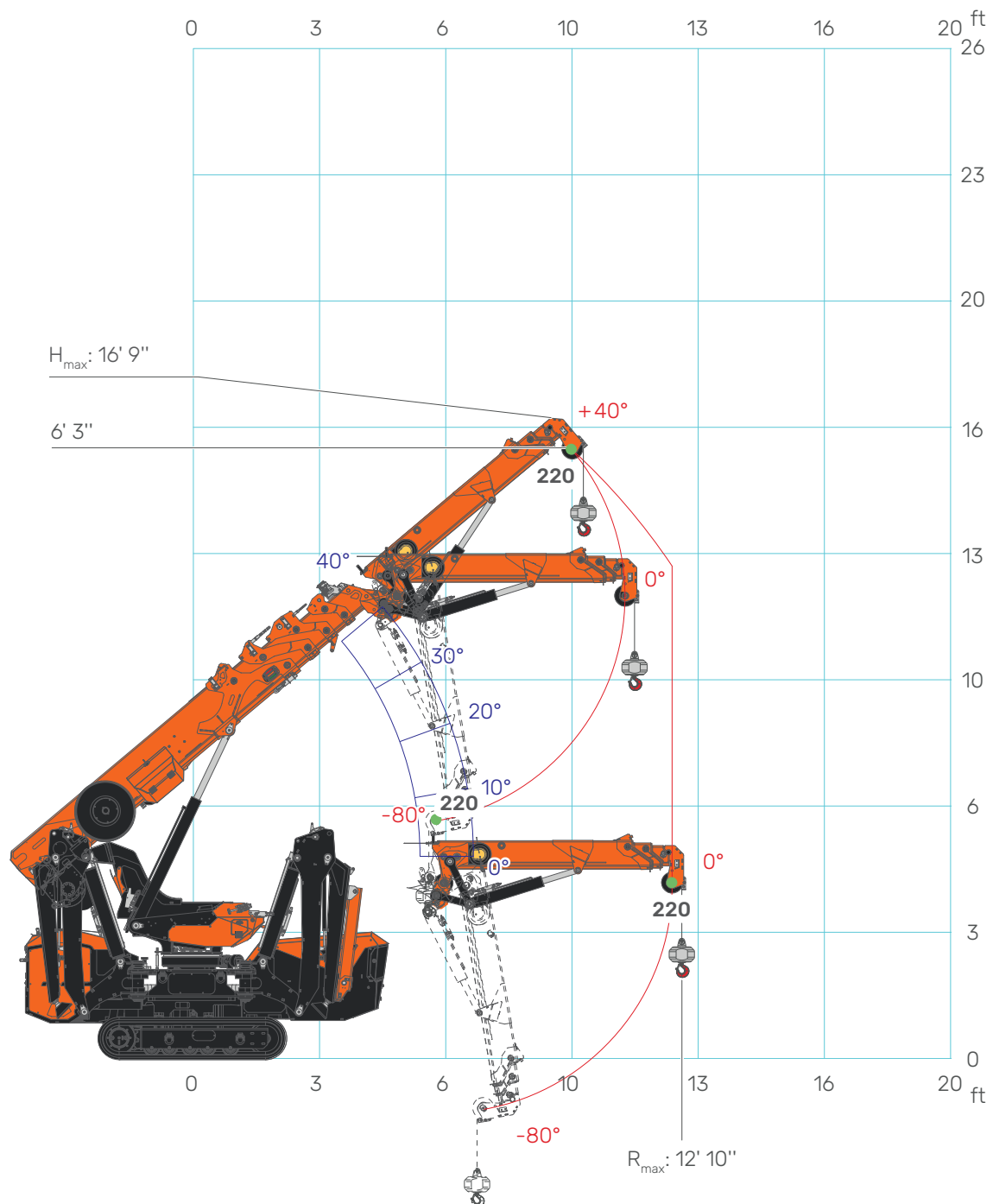
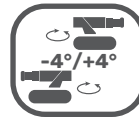
L _j [ft]→	6' 3"	8' 11"	11' 7"	14' 5"	16' 10"
3' 3"	590	550	500	460	440
6' 7"	550	500	460	440	390
9' 2"	220	220	220	220	220
↑R[ft]	[lb]	532__500US_0725_C19J2			

SPX509.2

JIB1000.2H1MX load chart - Pick&Carry

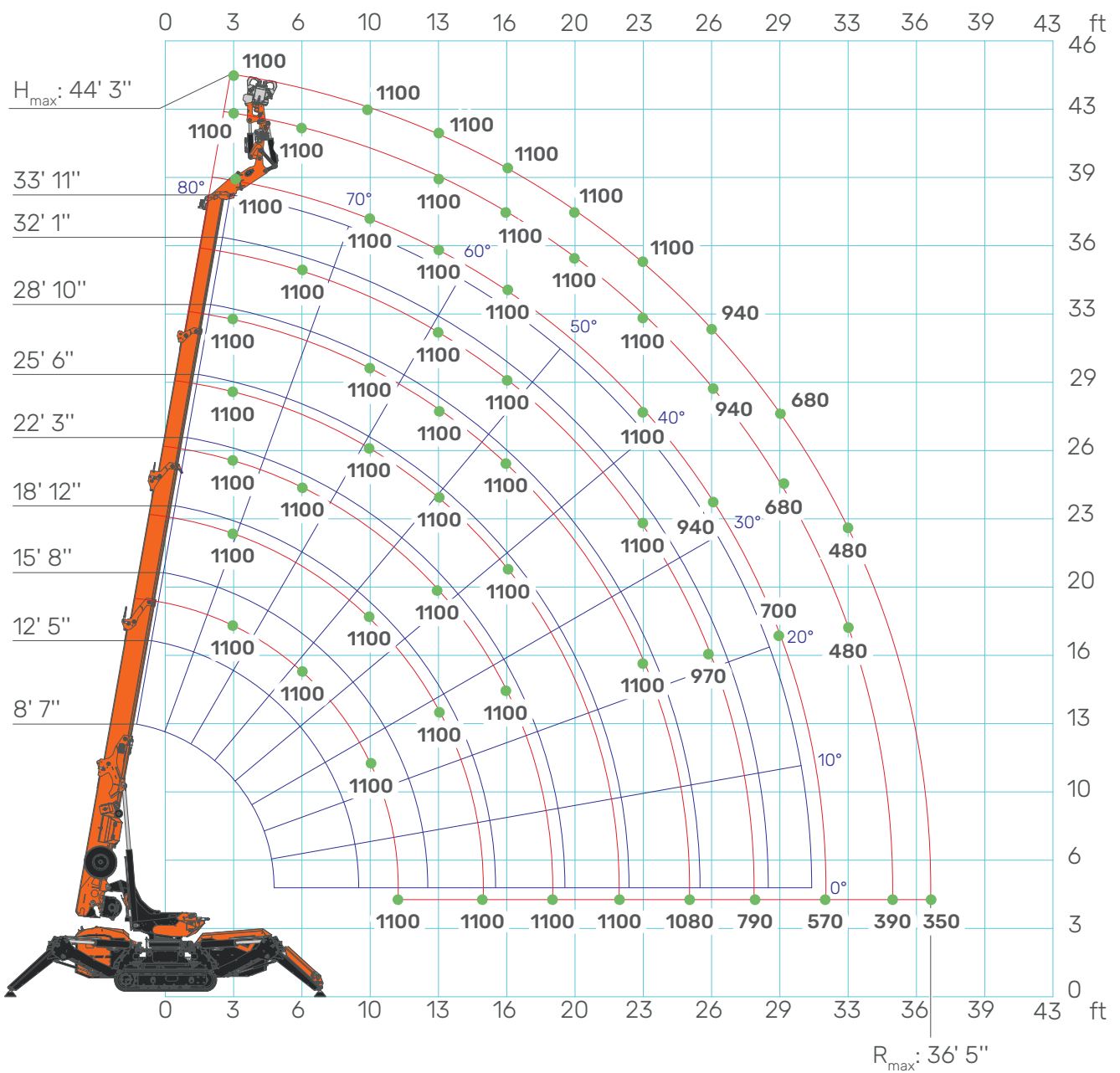
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CRANE PERFORMANCE: J0		
L _J [ft]→	6' 3"	
4"	660	
1' 8"	440	
3' 3"	330	
6' 7"	220	
12' 10"	220	
↑R[ft]	[lb]	532...500US...0725...C1930

JIB500GR



CRANE PERFORMANCE: J7

L [ft]→	8' 7"	9' 6"	12' 9"	16' 1"	19' 4"	22' 7"	25' 11"	29' 2"	32' 5"	33' 11"
3' 3"	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100
6' 7"	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100
9' 10"	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100
13' 1"	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100
16' 5"			1100	1100	1100	1100	1100	1100	1100	1100
19' 8"				1100	1100	1100	1100	1100	1100	1100
22' 12"					1100	1100	1100	1100	1100	1100
26' 3"						1080	970	940	940	940
29' 6"							790	700	680	680
32' 10"								570	480	480
36' 1"									390	390
36' 5"										350
↑R[ft]	[lb]	532__500US__0725__C27J7								

CRANE PERFORMANCE: J6

L [ft]→	8' 7"	9' 6"	12' 9"	16' 1"	19' 4"	22' 7"	25' 11"	29' 2"	32' 5"	33' 11"
3' 3"	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100
6' 7"	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100
9' 10"	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100
13' 1"	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100
16' 5"			1100	1100	1100	1100	1100	1100	1100	1100
19' 8"				1100	1100	1100	1100	1100	1100	1100
22' 12"					1100	1120	1100	1080	1030	1010
26' 3"						880	790	770	770	740
29' 6"							630	550	520	520
32' 10"								440	370	350
36' 1"									280	280
36' 5"										240
↑R[ft]	[lb]	532__500US__0725__C27J6								

CRANE PERFORMANCE: J5

L [ft]→	8' 7"	9' 6"	12' 9"	16' 1"	19' 4"	22' 7"	25' 11"	29' 2"	32' 5"	33' 11"
3' 3"	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100
6' 7"	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100
9' 10"	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100
13' 1"	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100
16' 5"			1100	1100	1100	1100	1100	1100	1100	1100
19' 8"				1100	1100	1100	1160	1100	1050	1030
22' 12"					970	830	810	790	740	720
26' 3"						660	570	550	500	500
28' 10"							440	350	350	330
↑R[ft]	[lb]	532__500US_0725_C27J5								

CRANE PERFORMANCE: J4

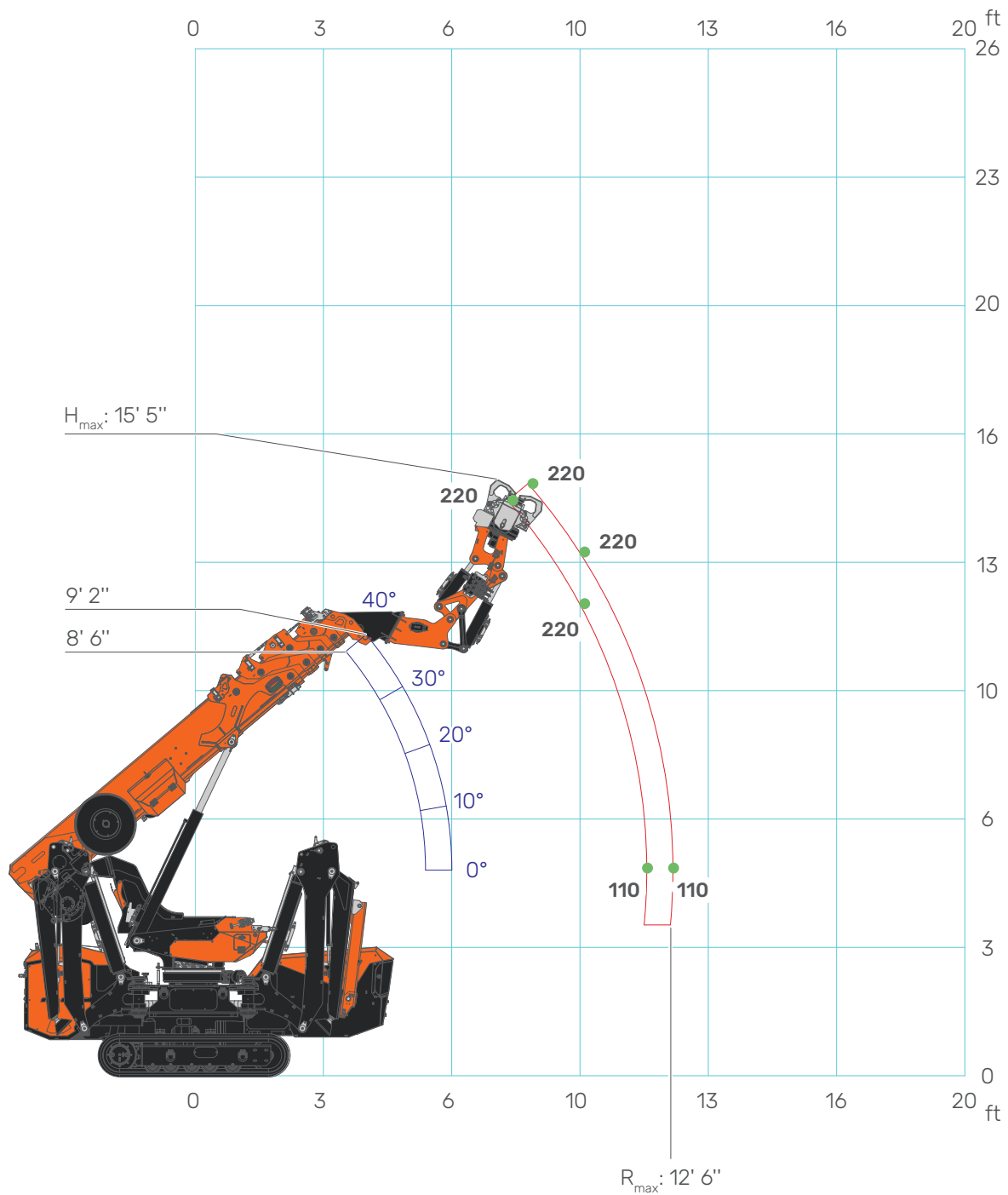
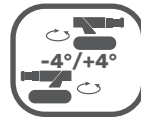
L [ft]→	8' 7"	9' 6"	12' 9"	16' 1"	19' 4"	22' 7"	25' 11"	29' 2"	32' 5"	33' 11"
3' 3"	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100
6' 7"	1100	1100	1100	1100	1100	1100	1100	1100	1100	1160
9' 10"	1100	1100	1100	1100	1100	1100	1100	1100	1100	1120
13' 1"	1100	1100	1100	1100	1100	1100	1100	1100	1190	1100
16' 5"			1100	1140	1080	990	920	850	810	790
19' 8"				830	680	630	590	520	500	480
22' 4"					500	390	370	300	280	260
↑R[ft]	[lb]	532__500US_0725_C27J4								

CRANE PERFORMANCE: J3

L [ft]→	8' 7"	9' 6"	12' 9"	16' 1"	19' 4"	22' 7"	25' 11"	29' 2"	32' 5"	33' 11"
3' 3"	1100	1100	1100	1100	1100	1100	1100	1100	990	920
6' 7"	1100	1100	1100	1100	1100	1100	1100	1160	940	880
9' 10"	1100	1100	1100	1100	1100	1100	1190	1120	900	830
13' 1"	1100	1100	1010	850	770	700	630	590	550	520
15' 9"			680	520	410	350	300	280	240	240
↑R[ft]	[lb]	532__500US_0725_C27J3								

CRANE PERFORMANCE: J2

L [ft]→	8' 7"	9' 6"	12' 9"	16' 1"	19' 4"	22' 7"	25' 11"	29' 2"	32' 5"	33' 11"
3' 3"	1210	1210	1210	1210	1210	1210	1030	810	630	570
6' 7"	1140	1140	940	810	700	590	520	440	370	370
6' 9"	220	220								
12' 6"	220	220								
↑R[ft]	[lb]	532__500US_0725_C27J2								

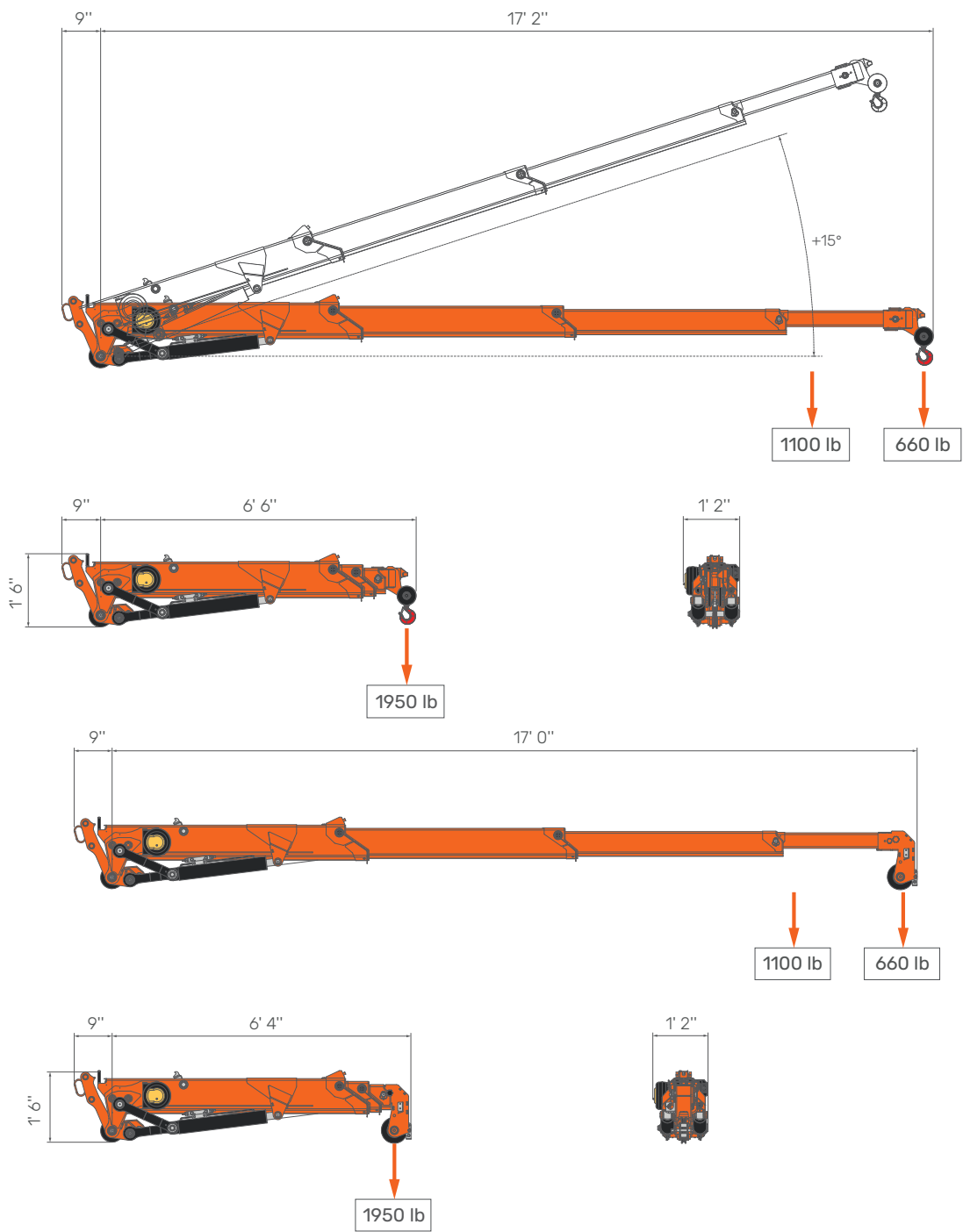


CRANE PERFORMANCE: J0		
L [ft]→	8' 7"	9' 2"
3' 3"	220	220
9' 10"	220	220
13' 1"	110	110
↑R[ft]	[lb]	532__500US_0725__C2700



ACCESSORIES

JIB1000.2H1MX



WEIGHT				
		JIB	JIB1000.2H1MX	lb
				530

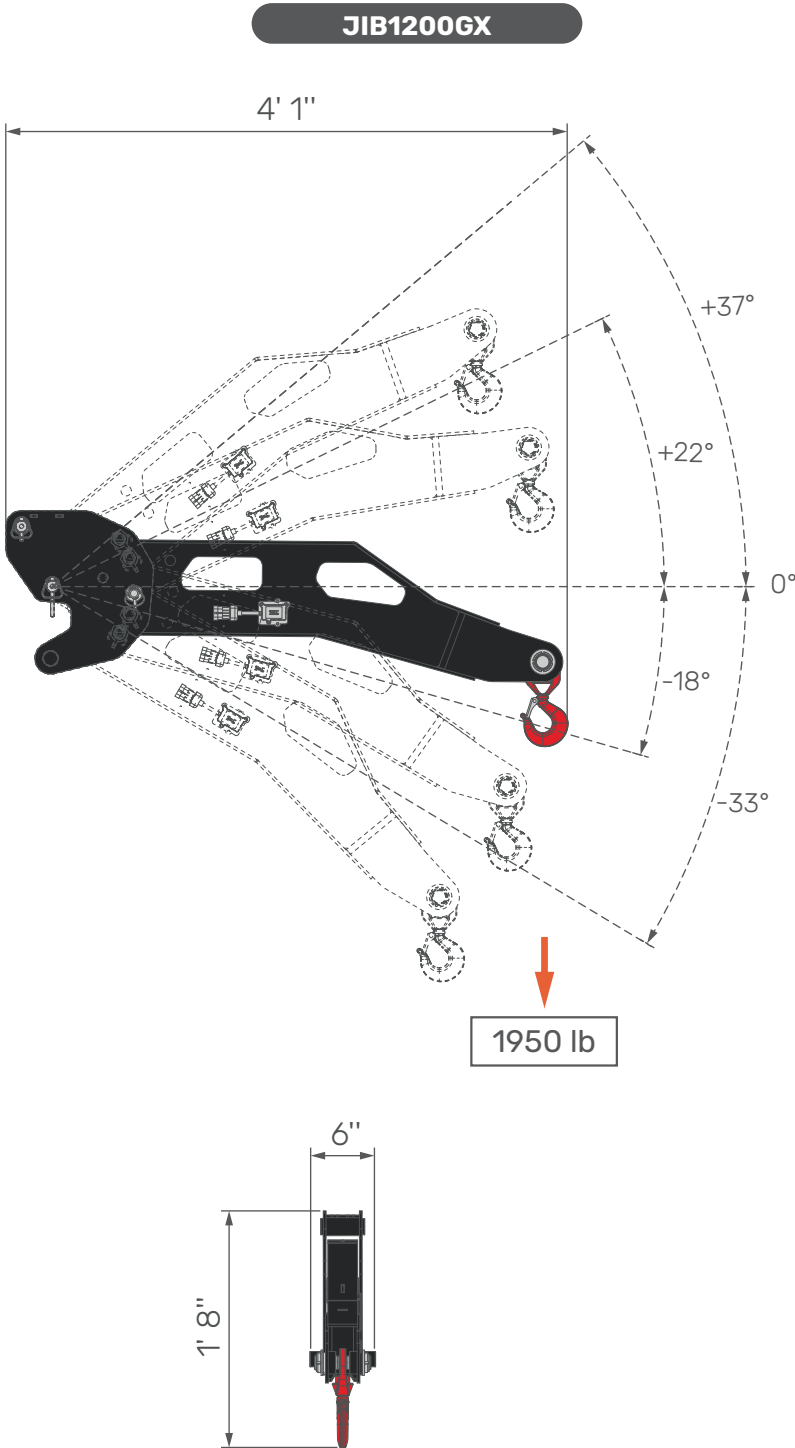
[ft]

* While working in winch configuration, it shall be used only the single fall hookblock. JIB1000.2H1MX max capacity is limited at 1,760 lb by LMI.

SPX509.2

JIB1200GX features

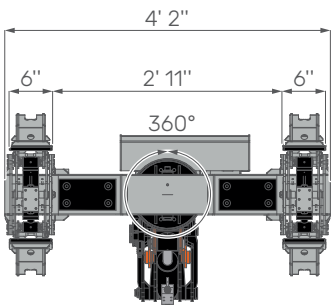
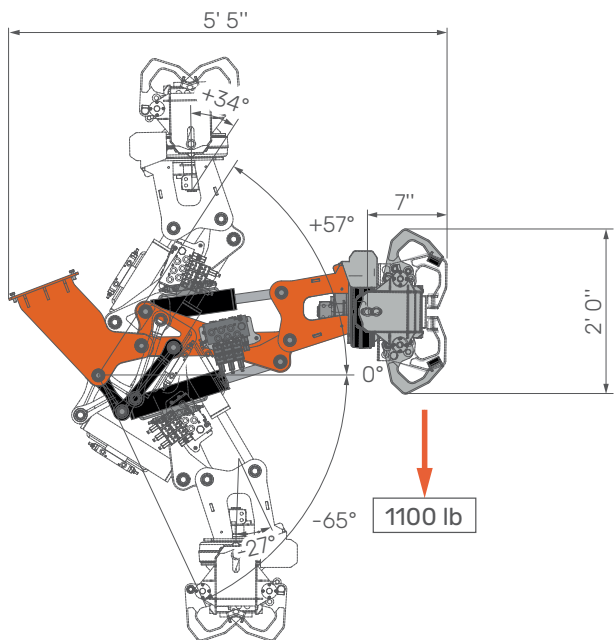
01.12.2025 | REV1.0



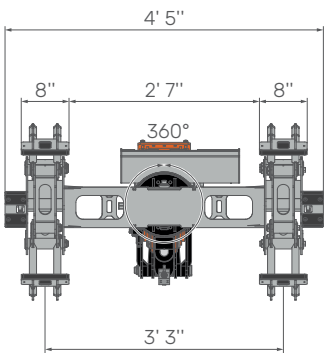
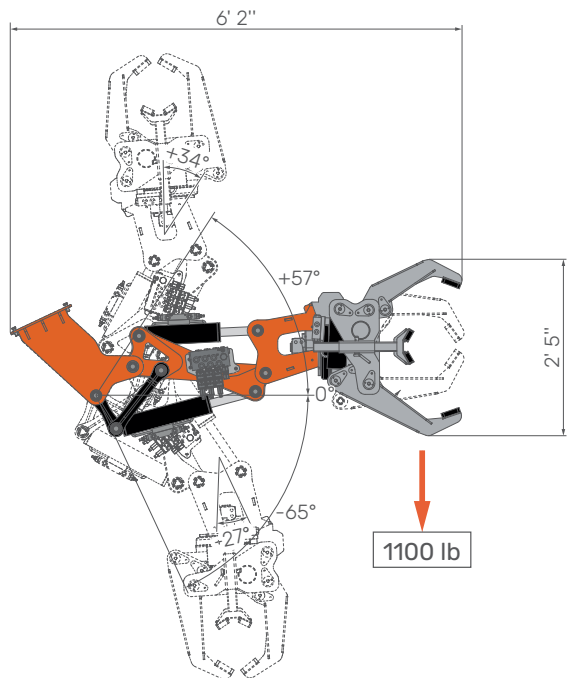
WEIGHT				
		JIB	JIB1200GX	lb
				70

JIB500GR

BEAMS



PIPES



WEIGHT



JIB	JIB500GR	Beams configuration	lb	500
		Pipes configuration		500
		Adapter		80

SYMBOLS

	Weight		Outriggers Mats		Main Boom Lifting		Hydraulic System
	Gru		Electric Motorization		Boom Length		Winter Kit
	Travel Speed		Powerpack		Jib		Working Temperature
	Gradeability		Maximum Capacity		Turret Slewing		Hydraulic Activation
	Track Load		Maximum Outriggers Load		Winch		Hook
	External Battery Charger		Grabber		Max Gradeability 6° / 10%		60° Maximum Working Angle
	Engine		Powerpack				
	Column Slewing by -4°/+4° Over 0° and 180° Positions						

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 turret slewing center.
- 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:



01.12.2025 | REV0.4