



Technical Data

Specifications & Capacities

SPX1280

Traslantion of the original instructions

[ft] [lb]

14.03.2025 | REV3.0

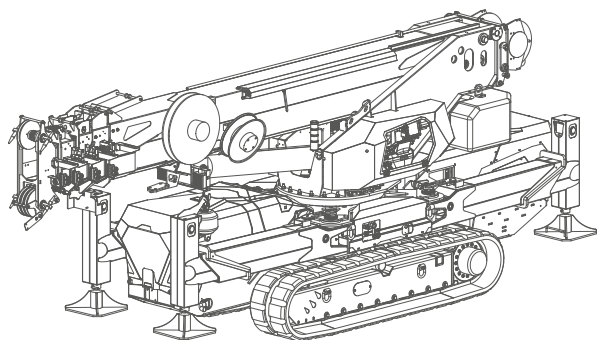


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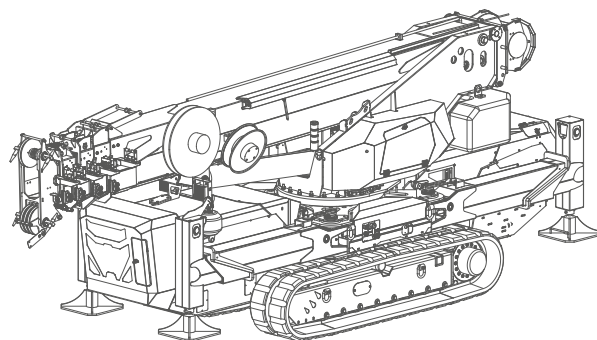
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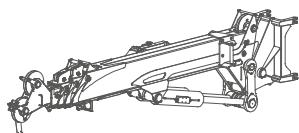
CRANE CONFIGURATION



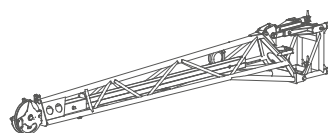
SPX1280 CDH-3B ☐



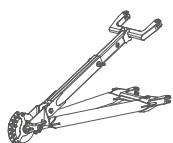
SPX1280 CL-3 ☐



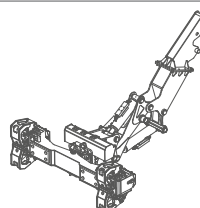
JIB1502.3HX ☐



JIB1502.1FL ☐



JIB3502GX ☐



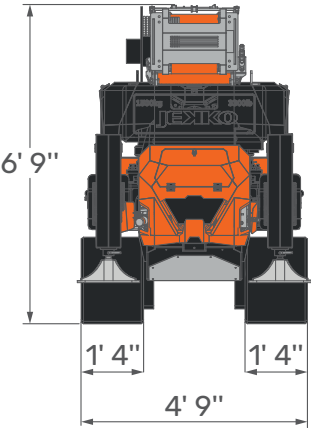
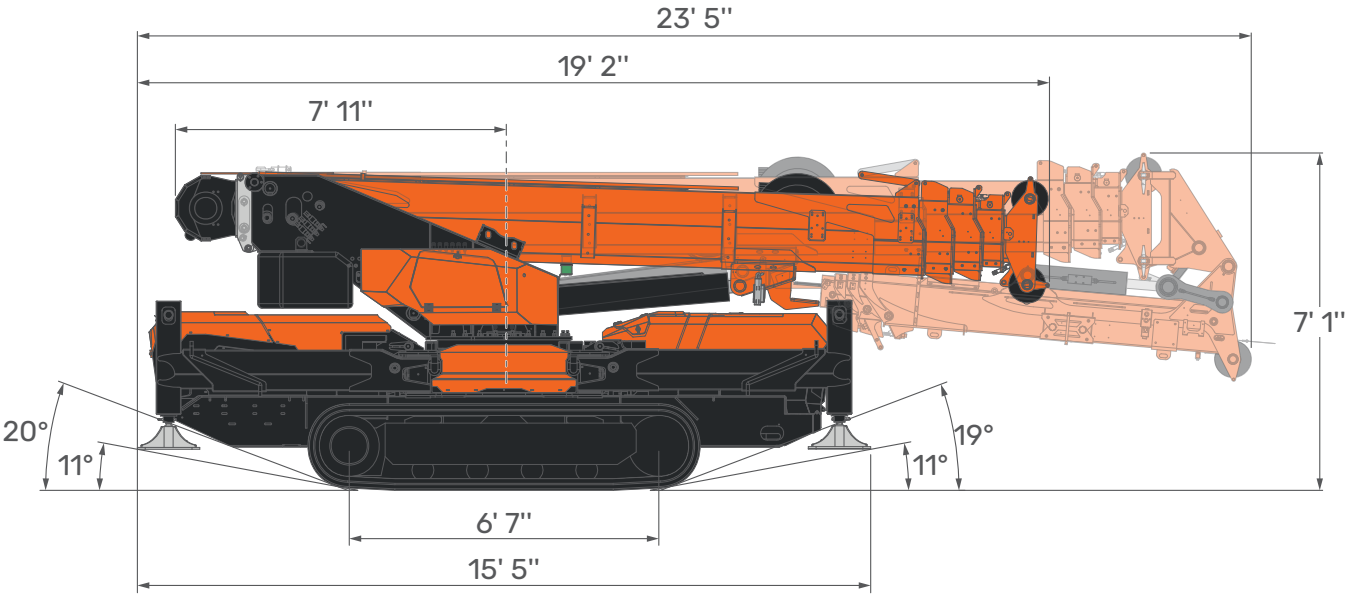
JIB500GR ☐

SPX1280 CDH-3B

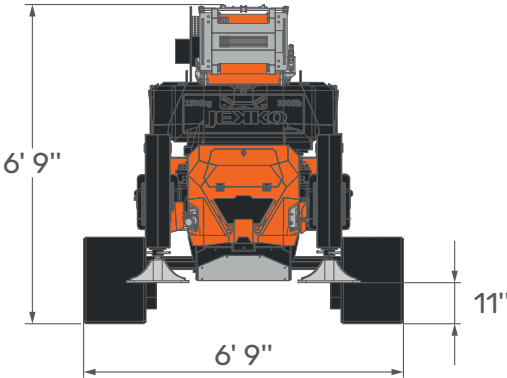
Overall dimensions

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OVERALL DIMENSIONS



CLOSED
TRACKS



EXTENDED
TRACKS

OVERALL INFORMATIONS

CRANE INFO

	DESCRIPTION	U.M.	VALUE
OVERALL DIMENSIONS	Height	ft	6' 9"
	Length		19' 2"
	Width		4' 9"
BOOM	Length	ft	16' 1"/58' 1"
	Speed	s	72 (16' 1"/58' 1")
SLEWING	Angle	°	360°
	Speed	rpm	1
LIFTING	Working Angle	°	0°/80°
	Speed	s	30 (0°/50°)
MAX CAPACITY		lb	17,630
MAX OUTRIGGERS LOAD		lb	15,000 ^[1]
TRACK LOAD		lb/in ²	10.24
TRAVEL SPEED	Slow	mph	0.8
	Fast		1.7
MAX GRADEABILITY		°	15°(26%)
WORKING TEMPERATURE		°F	+14°/+104°
SOUND EMISSIONS		dB	100
MAX WIND SPEED IN WORKING CONDITIONS		ft/s	45.2
Lifting Class (UNI 4301-1)		A1	

^[1]: Static Lifting

SPX1280 CDH-3B

Overall informations

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WEIGHT



CRANE	Standard Configuration	lb	15,650 ^{[1][2]}
COUNTERWEIGHT	Optional	lb	3,300
HOOKBLOCK	2 ton single line hook	lb	90
	3.2T-D10		80
	8.5T-D10		140

ACCESSORIES



JIB	3502GX	lb	150
	1502.1FL		580
	1502.3HX		1,490
	500GR		590
HYDRAULIC ACTIVATION	HA-SPX1280	lb	90
	HA-JIB1502.3HX		44
WINTER KIT	WUK-04	lb	7
POWERPACK	3-Phase Electric Motor Pump	lb	310
OUTRIGGERS MATS	OM500.1 (x4)	lb	200

^[1]: Dry weight

^[2]: Estimated fluids weight = 330 lb

Overall Informations

ENGINE



ENGINE	Power Supply	Diesel	
	Power	kW	18.5
		HP	25
	Tank Capacity	gal	9

POWERPACK



POWER SUPPLY	PP400-11D.V06 (CE)	3 PH + N + PE	
	PP220-11D.V07 (UL-CSA)	3 PH + PE	

3-PHASE KIT	PP400-11D.V06 (CE)	Voltage	V	400
		Frequency	Hz	50
		Motor Power	kW	11
	PP220-11D.V07 (UL-CSA)	Voltage	V	220
		Frequency	Hz	60
		Motor Power	kW	11

CHARGER	PP400-11D.V06 (CE)	Charge	V	12
			Ah	25
	PP220-11D.V07 (UL-CSA)	Charge	V	12
			Ah	25

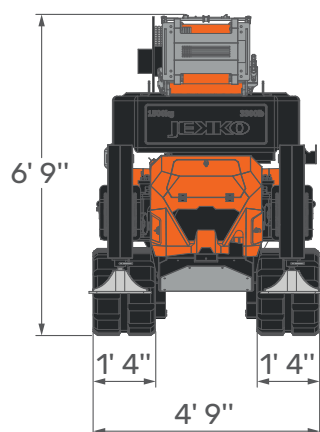
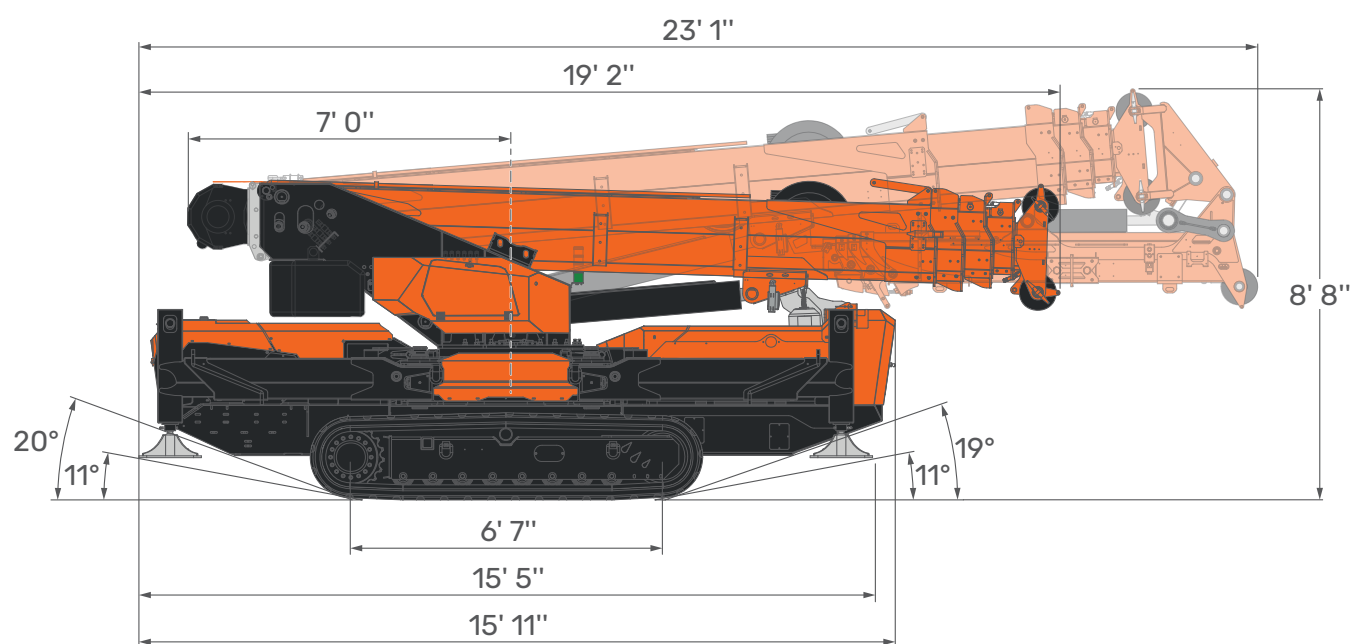
HYDRAULIC SYSTEM



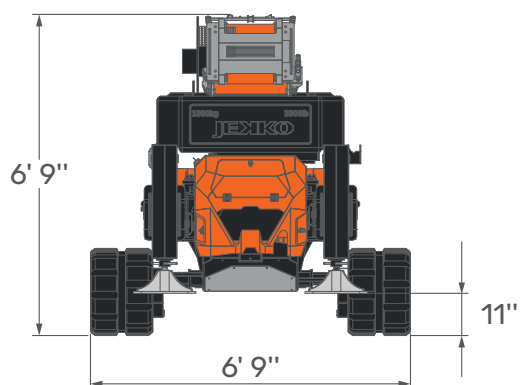
MAX WORKING PRESSURE		bar	230
TANK CAPACITY		gal	26
HYDRAULIC SYSTEM CAPACITY		gal	48
OIL	OIL-1280	Biodegradable	ISO VG46
	ARTIC-OIL-1280	Mineral	ISO VG46
MAIN PUMP	Variable Displacement	cc/rev	45
	Max Oil Flow	gal/min	25

Overall dimensions

OVERALL DIMENSIONS



CLOSED TRACKS



EXTENDED TRACKS

OVERALL INFORMATIONS

CRANE INFO

	DESCRIPTION	U.M.	VALUE
	OVERALL DIMENSIONS	ft	6' 9"
	Height		19' 2"
	Length		4' 9"
	Width	ft	16' 1"/58' 1"
	Length		62 (16' 1"/58' 1")
	Speed		
	SLEWING	°	360°
	Angle	rpm	1
	Speed		
	LIFTING	°	0°/80°
	Working Angle	s	35 (0°/50°)
	Speed		
MAX CAPACITY		lb	17,630
MAX OUTRIGGERS MAX LOAD		lb	16,530 ^[1]
TRACK LOAD		lb/in ²	11.24
	TRAVEL SPEED	mph	0.8
	Slow		1.7
	Fast		
MAX GRADEABILITY		°	15°(26%)
WORKING TEMPERATURE		°F	14°/+104°
MAX WIND SPEED IN WORKING CONDITIONS		ft/s	45.2
Lifting Class (UNI 4301-1)			A1

^[1]: Static lifting

SPX1280 CL-3

Overall informations

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WEIGHT		CRANE	Standard Configuration	lb	17,420 ^{[1][2]}
		COUNTERWEIGHT	Optional	lb	3,300
		HOOKBLOCK	2 ton single line hook	lb	90
			3.2T-D10		80
			8.5T-D10		240

ACCESSORIES		JIB	3502GX	lb	150
			1502.1FL		580
			1502.3HX		1,490
			500GR		590
		HYDRAULIC ACTIVATION	HA-SPX1280	lb	90
			HA-JIB1502.3HX		44
		WINTER KIT	WUK-04	lb	7
		OUTRIGGERS MATS	OM500.1 (x4)	lb	200

^[1]: Dry weight
^[2]: Estimated fluids weight = 330 lb

MOTOR

ELECTRIC
MOTORIZATION

ELECTRIC MOTORIZATION	Power Supply		Lithium Battery	
	Battery Voltage		V	96
	Battery Capacity		Ah	400
	Motor Power		kW	20

ELECTRICAL SYSTEM



POWER SUPPLY

POWER SUPPLY	CE	1 PH + N + PE
		3 PH + N + PE
	UL-CSA	1x 1 PH (110/230V) + N + PE
		2x 1 PH (110/230V) + N + PE
		3x 1 PH (110/230V) + N + PE

BATTERY CHARGER

BATTERY CHARGER	CE	1 PH + N + PE	Charge	V	96
				Ah	25
		3 PH + N + PE	Charge	V	96
				Ah	75
	UL-CSA	1x 1 PH (110/230V) + N + PE	Charge	V	96
				Ah	25
		2x 1 PH (110/230V) + N + PE	Charge	V	96
				Ah	50
		3x 1 PH (110/230V) + N + PE	Charge	V	96
				Ah	75

HYDRAULIC SYSTEM



MAX WORKING PRESSURE		bar	230
TANK CAPACITY		gal	26
HYDRAULIC SYSTEM CAPACITY		gal	48
OIL	OIL-1280	Biodegradable	ISO VG46
	ARTIC-OIL-1280	Mineral	ISO VG46
PUMP	Displacement	cc/rev	38
	Max Oil Flow	gal/min	17

SPX1280

Winch

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WINCH

WINCH



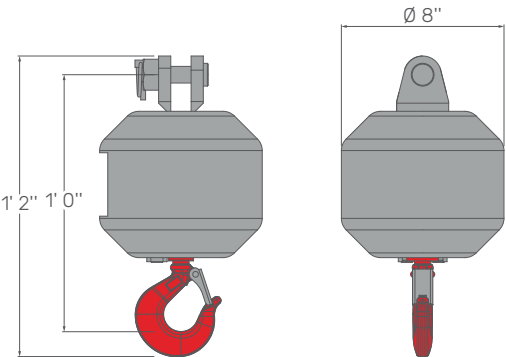
LAYER	MAX PULL LINE	ROPE SPEED	
		SLOW	FAST
	lb	ft/min	ft/min
1	4,567 ^[1]	152	274
2	4,173 ^[1]	166	300
3	3,842 ^[1]	181	326
4	3,650 ^[1]	195	352
5	3,315 ^[1]	209	378

ROPE

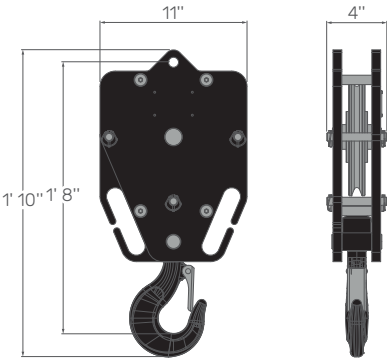
WIRE ROPE	BREAKING LOAD	Ø	TOTAL LENGTH
	lb	in	ft
Anti-twist 19x7 right lang lay	20,900	3/8"	410' 1"

^[1]: LMI limited at 3300 lb.
Maximum speed and maximum lifting capacity cannot be contemporary.

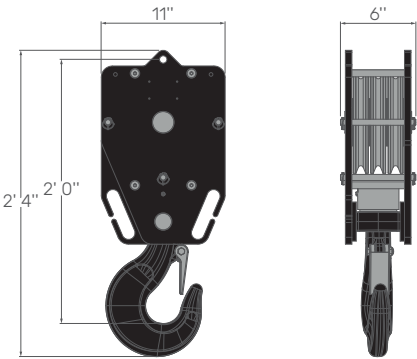
HOOKBLOCK



MODEL	LOAD		N° OF	
			Sheaves	Lines
2 ton single line hook	lb	3,300	-	1



MODEL	LOAD		N° OF	
			Sheaves	Lines
3.2T-D10	lb	6,610	1	2



MODEL	LOAD		N° OF	
			Sheaves	Lines
8.5T-D10	lb	6,610	3	2
		13,230		4
		17,630		6

HOOKBLOCK

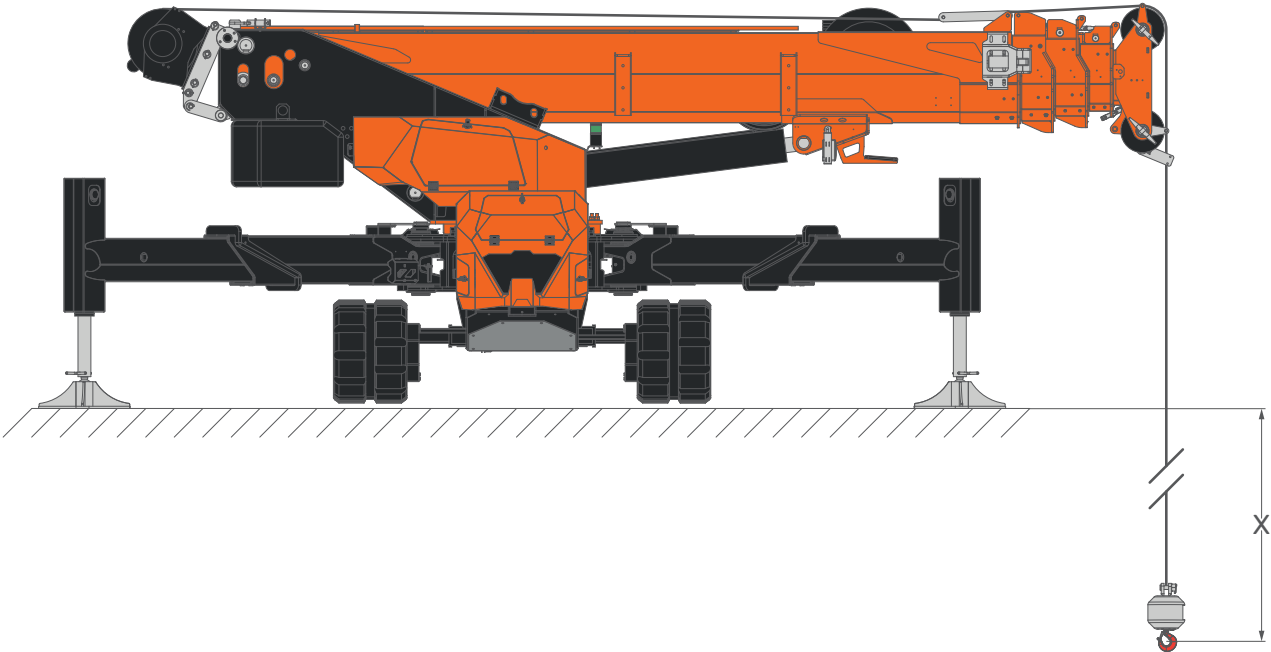


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Winch rope maximum reach

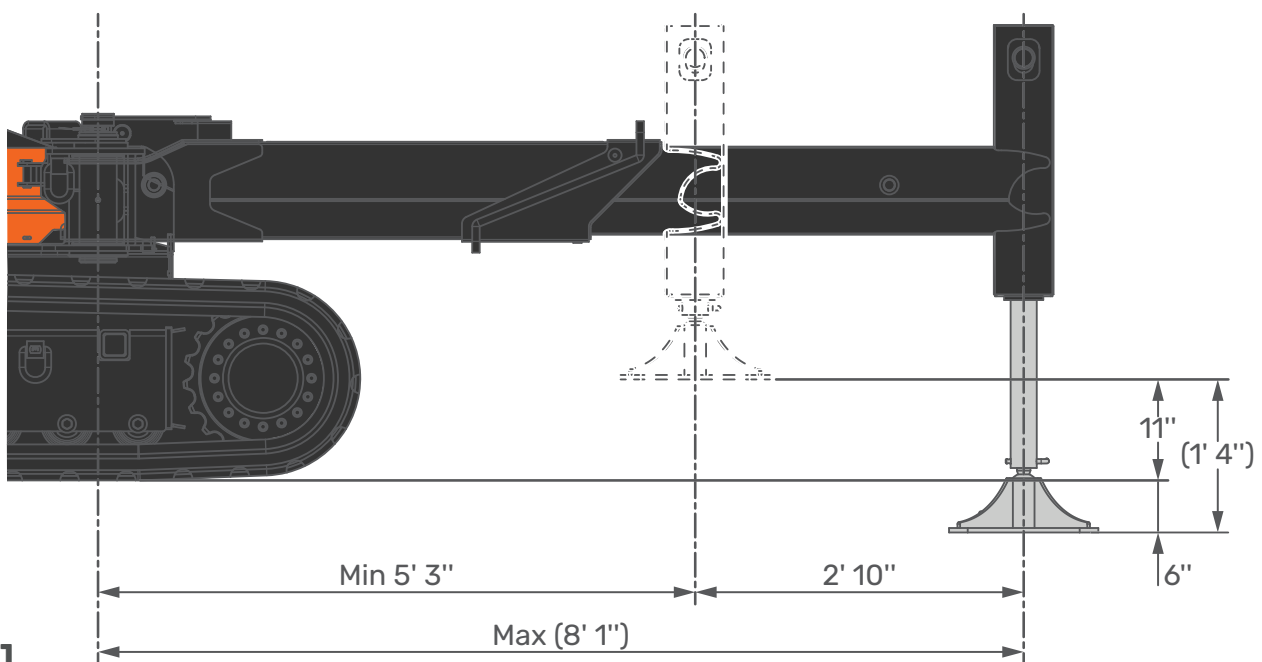
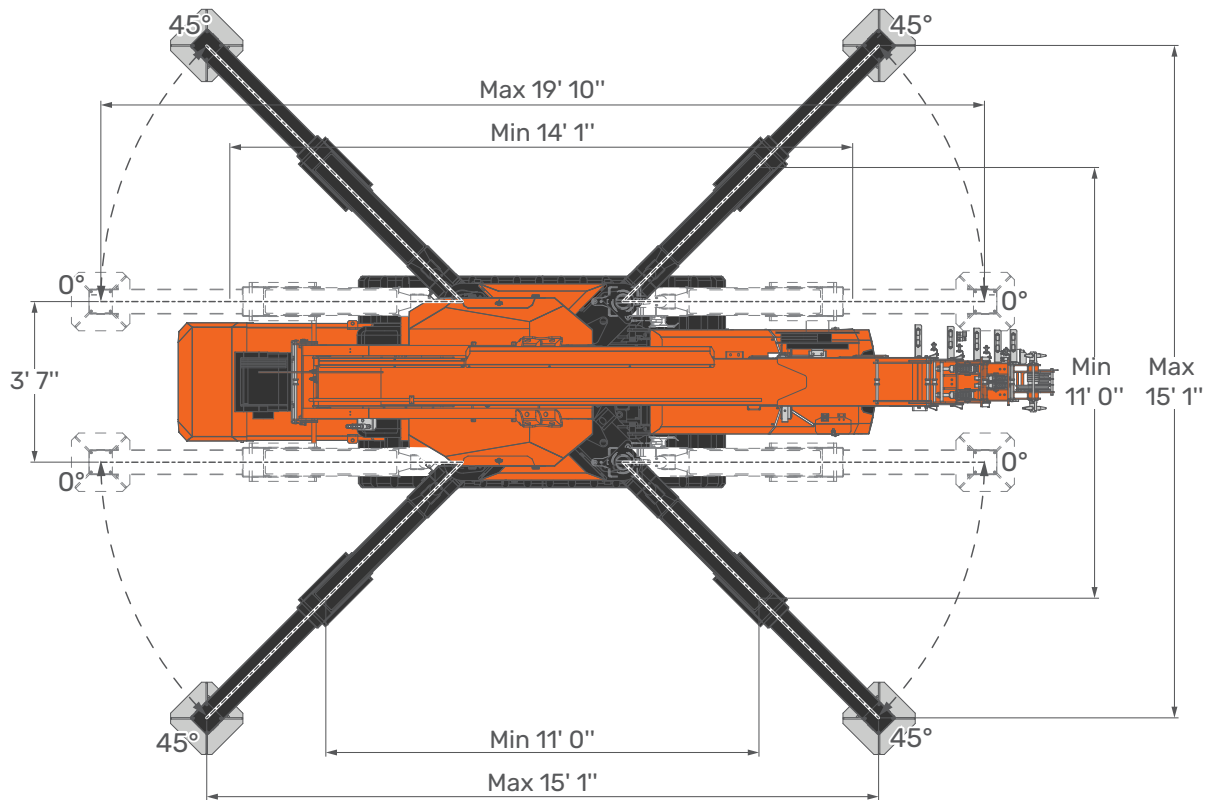
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WINCH ROPE MAX REACH



ROPE		WINCH	ft	377' 4"
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STABILITY AREAS



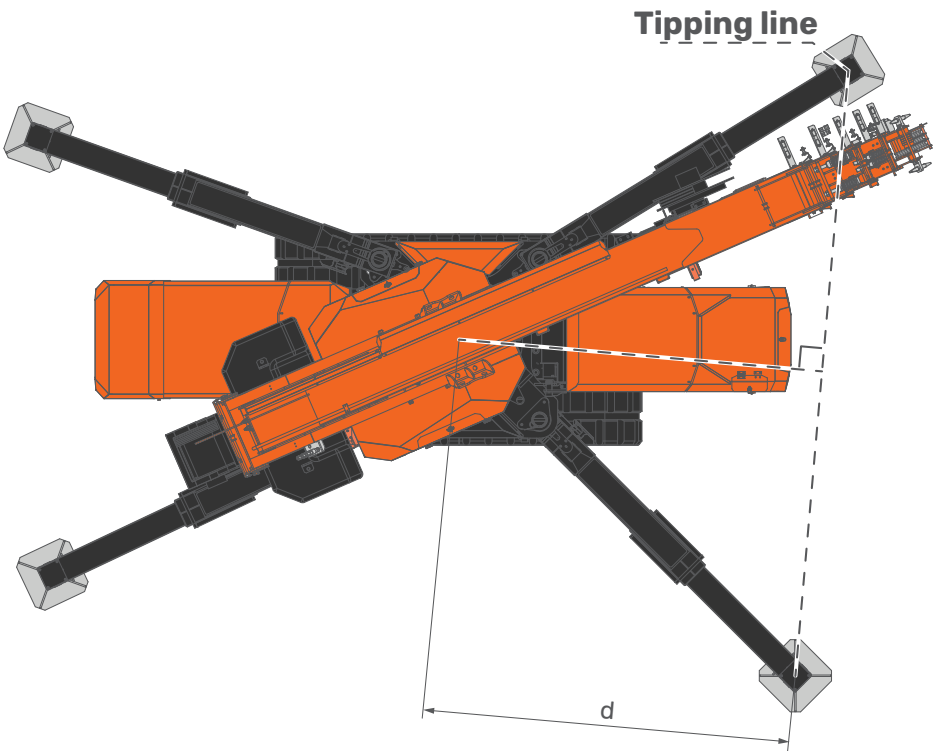
[ft]

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Tipping line - Load chart selection

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TIPPING LINE



LOAD CHART SELECTION

LOAD CHART	d = 4' 5"		d = 5' 4"		d = 6' 1"		d = 7' 5"	
							J7	
						J6		
				J5			J5	
			J4		J4			
				J3				
			J2					
J1 - PICK & CARRY								
J0 - NO LIFTING CAPACITY								

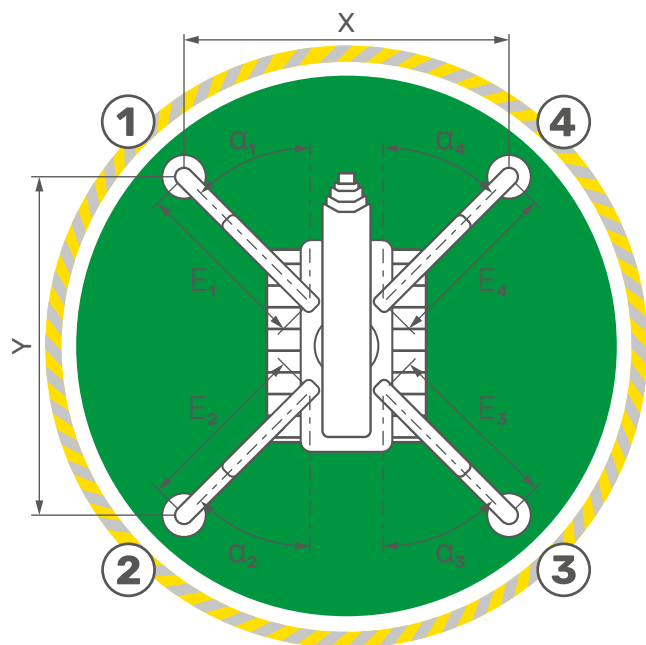
STABILITY AREA

■ Counterweight installed ▨ No counterweight

LOAD CHART	FUNCTION
J2-J7	Crane Stabilized
J1	Pick & Carry
J0	No Lifting Capacity

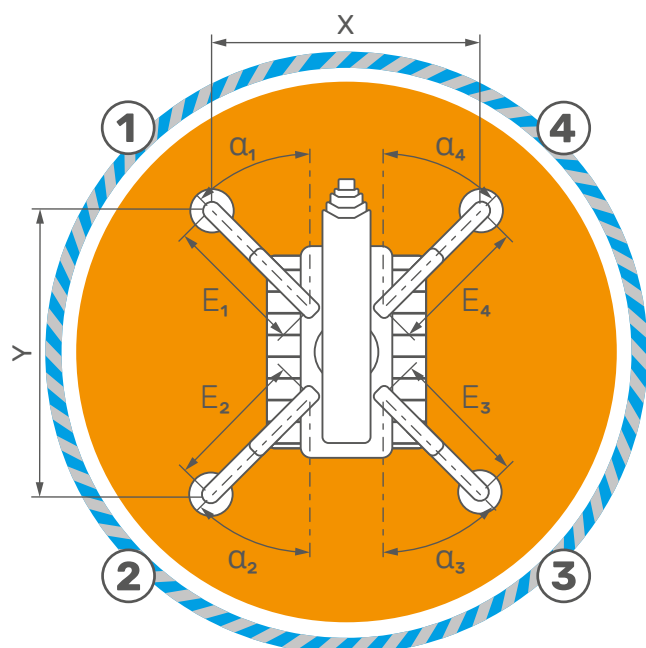
CRANE PERFORMANCE

STABILITY EXAMPLES



FULLY SYMMETRIC STABILITY

FOOTPRINT DIMENSIONS	X	15' 1"
	Y	15' 1"
OUTRIGGERS ANGLE	α_1	45°
	α_2	45°
	α_3	45°
	α_4	45°
OUTRIGGERS EXTENSION	E ₁	8' 2"
	E ₂	8' 2"
	E ₃	8' 2"
	E ₄	8' 2"
J7 J5		360°



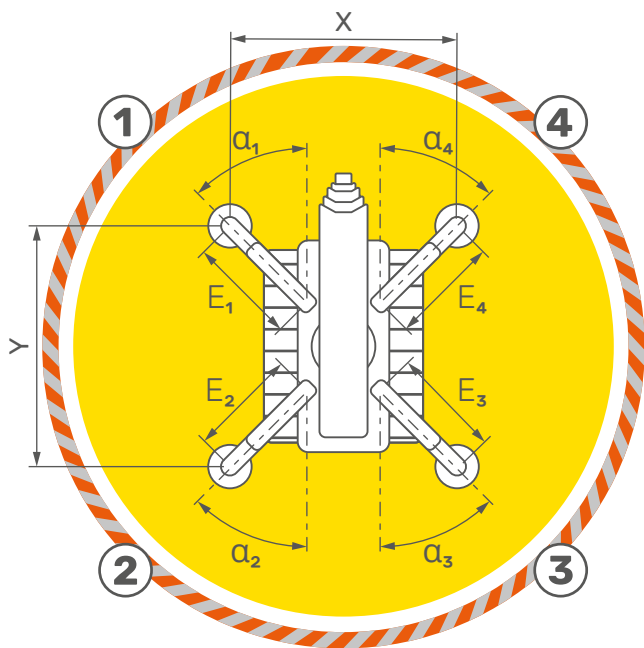
FULLY SYMMETRIC STABILITY

FOOTPRINT DIMENSIONS	X	12' 10"
	Y	12' 10"
OUTRIGGERS ANGLE	α_1	45°
	α_2	45°
	α_3	45°
	α_4	45°
OUTRIGGERS EXTENSION	E ₁	6' 7"
	E ₂	6' 7"
	E ₃	6' 7"
	E ₄	6' 7"
J6 J4		360°

SPX1280

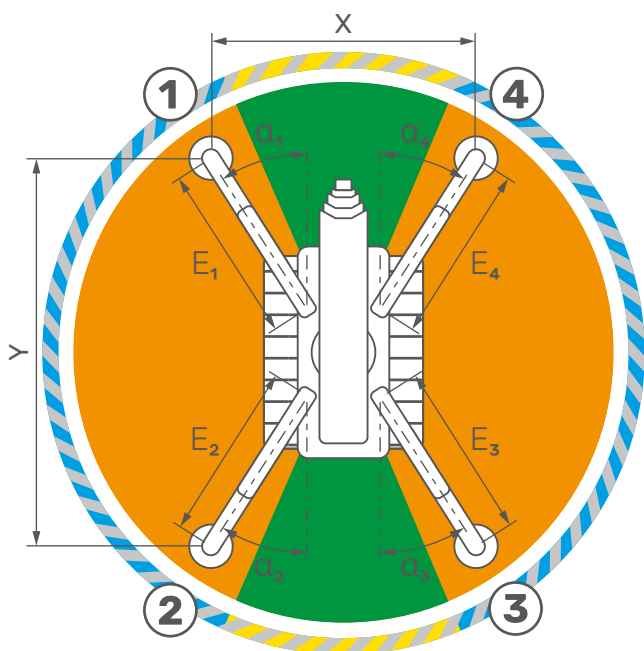
Stability examples

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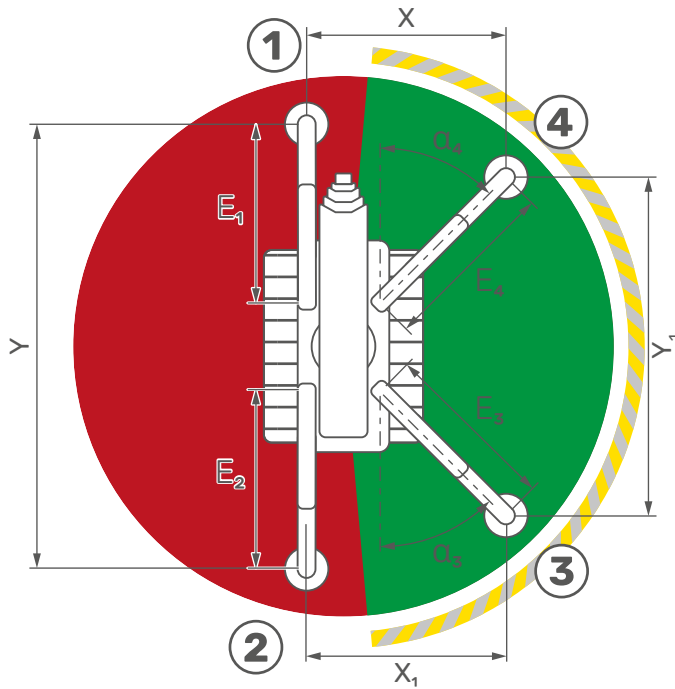
FULLY SYMMETRIC STABILITY

FOOTPRINT DIMENSIONS	X	11' 2"
	Y	11' 2"
OUTRIGGERS ANGLE	α_1	45°
	α_2	45°
	α_3	45°
	α_4	45°
OUTRIGGERS EXTENSION	E ₁	5' 3"
	E ₂	5' 3"
	E ₃	5' 3"
	E ₄	5' 3"
J5 J3		360°



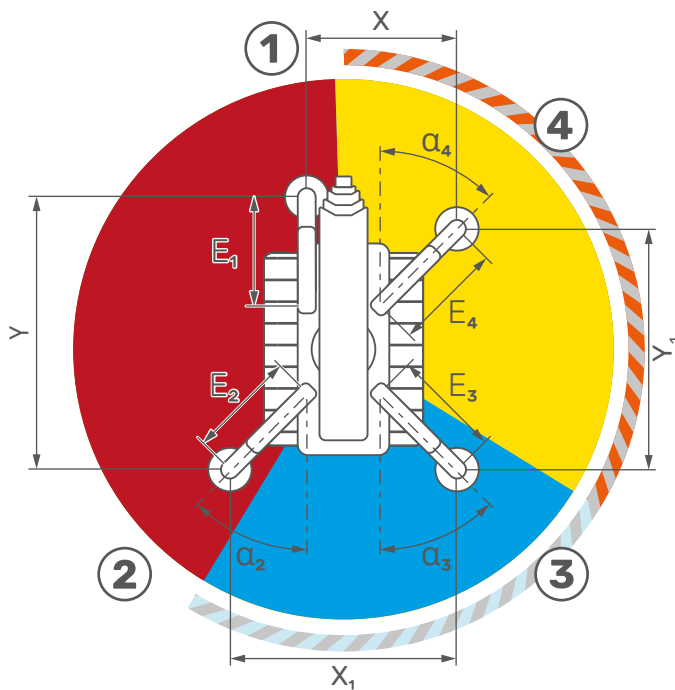
FULLY SYMMETRIC STABILITY

FOOTPRINT DIMENSIONS	X	12' 10"
	Y	12' 10"
OUTRIGGERS ANGLE	α_1	32°
	α_2	32°
	α_3	32°
	α_4	32°
OUTRIGGERS EXTENSION	E ₁	8' 2"
	E ₂	8' 2"
	E ₃	8' 2"
	E ₄	8' 2"
J6 J4		2x 140°
J7 J5		2x 40°



ASYMMETRIC STABILITY

FOOTPRINT DIMENSIONS	X	9' 2"
	X ₁	9' 2"
	Y	19' 8"
	Y ₁	15' 1"
OUTRIGGERS ANGLE	α_1	0°
	α_2	0°
	α_3	45°
	α_4	45°
OUTRIGGERS EXTENSION	E ₁	8' 2"
	E ₂	8' 2"
	E ₃	8' 2"
	E ₄	8' 2"
J0		200°
J7	J5	160°



ASYMMETRIC STABILITY

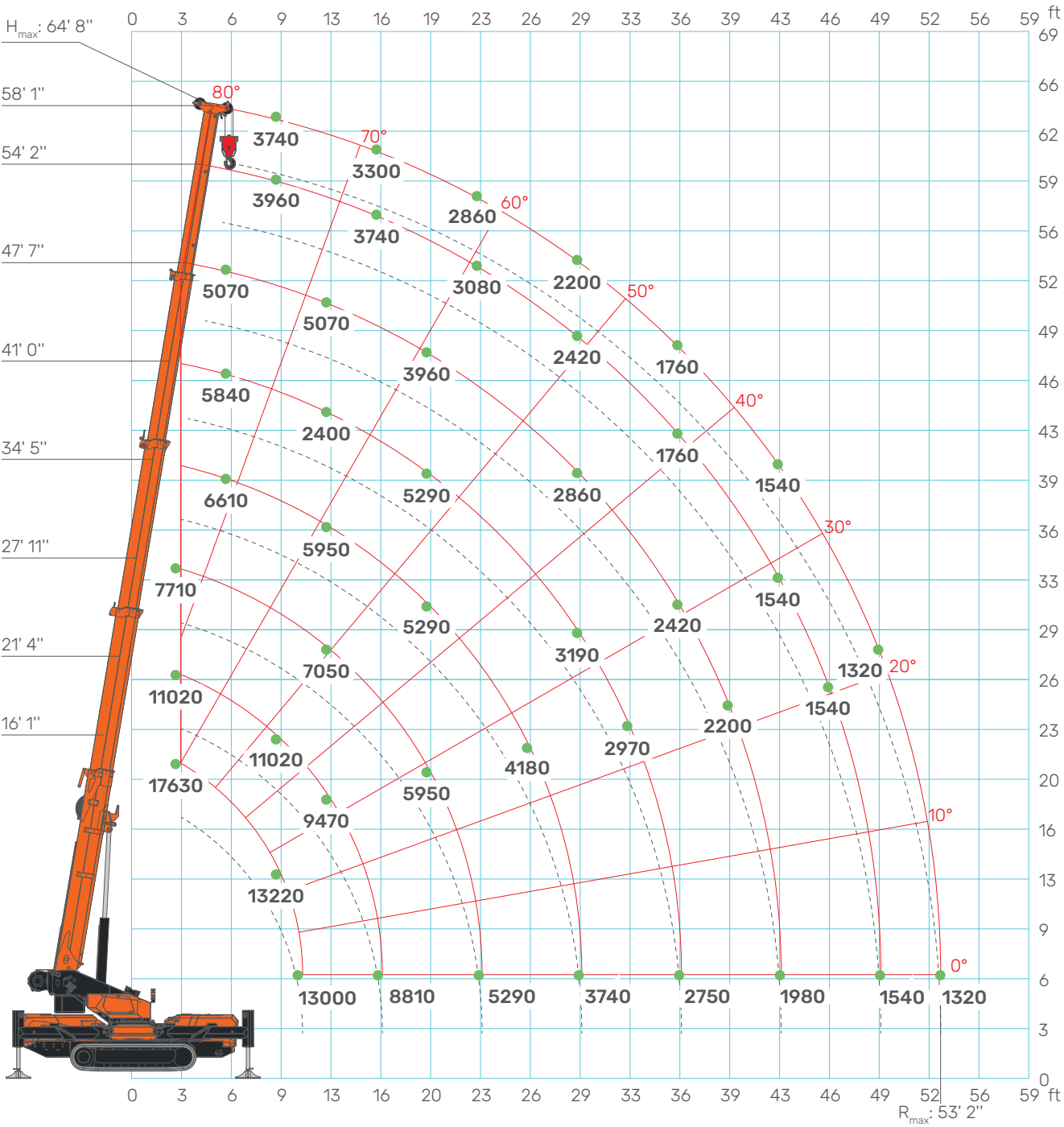
FOOTPRINT DIMENSIONS	X	7' 3"
	X ₁	11' 2"
	Y	12' 6"
	Y ₁	11' 2"
OUTRIGGERS ANGLE	α_1	0°
	α_2	45°
	α_3	45°
	α_4	45°
OUTRIGGERS EXTENSION	E ₁	5' 3"
	E ₂	5' 3"
	E ₃	5' 3"
	E ₄	5' 3"
J0		160°
J4	J2	85°
J5	J3	115°

SPX1280

Main boom load chart

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MAIN BOOM



[lb]

CRANE PERFORMANCE: J7

L [ft]→	16' 1"	18' 1"	21' 4"	24' 7"	27' 11"	31' 2"	34' 5"	37' 9"	41' 0"	47' 7"	54' 2"	58' 1"
3' 3"	17630	14330	11020	9250	7710	7050						
6' 7"	17630	14330	11020	9250	7490	7050	6610	6170	5840	5070		
9' 10"	13220	12340	11020	8810	7270	6610	6170	5730	5510	5070	3960	3740
13' 1"	13020	10580	9470	8810	7050	6390	5950	5730	5290	5070	3960	3740
16' 5"			8810	7270	6830	6170	5730	5510	5070	4620	3740	3300
19' 8"				6830	5950	5730	5290	5070	4620	3960	3520	3080
22' 12"					5290	5070	4850	4620	4400	3740	3080	2860
26' 3"						4400	4180	3960	3850	3300	2860	2640
29' 6"							3740	3520	3190	2860	2420	2200
32' 10"								3300	2970	2640	2200	1980
36' 1"									2750	2420	1760	1760
42' 8"										1980	1540	1540
49' 3"											1540	1320
53' 2"												1320
↑R[ft]	[lb]	LC1280_V2051124_C1J7										

CRANE PERFORMANCE: J6

L [ft]→	16' 1"	18' 1"	21' 4"	24' 7"	27' 11"	31' 2"	34' 5"	37' 9"	41' 0"	47' 7"	54' 2"	58' 1"
3' 3"	17630	14330	11020	9250	7710	7050						
6' 7"	17630	14330	11020	9250	7490	7050	6610	6170	5840	5070		
9' 10"	13220	12340	11020	8810	7270	6610	6170	5510	5070	4850	3740	3410
13' 1"	11900	9810	9030	8480	6610	6060	5730	5400	4850	4620	3520	3190
16' 5"			7980	7050	6610	5950	5510	5290	4850	4400	3520	3080
19' 8"				5550	5460	5330	5070	4850	4400	3740	3350	2880
22' 12"					4180	4120	4070	3960	3700	3480	2950	2640
26' 3"						3350	3300	3190	3150	3020	2730	2420
29' 6"							2640	2550	2490	2490	2200	2110
32' 10"								2240	2200	1960	1870	1760
36' 1"									1980	1940	1600	1540
42' 8"										1410	1360	1320
49' 3"											1100	1100
53' 2"												880
↑R[m]	[lb]	LC1280_V2051124_C1J6										

SPX1280

Main boom load tables

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CRANE PERFORMANCE: J5

L [ft]→	16' 1"	18' 1"	21' 4"	24' 7"	27' 11"	31' 2"	34' 5"	37' 9"	41' 0"	47' 7"	54' 2"	58' 1"
3' 3"	17630	14330	11020	9250	7710	7050						
6' 7"	17630	14330	11020	9250	7490	7050	6610	6170	5840	5070		
9' 10"	13220	12340	11020	8810	7270	6610	6170	5510	5070	4850	3740	3410
13' 1"	10140	9810	9030	8480	6610	6060	5730	5400	4850	4620	3520	3190
16' 5"			6390	6390	6170	5950	5510	5290	4850	4400	3520	3080
19' 8"				4400	4400	4400	4400	4400	4400	3740	3350	2880
22' 12"					3300	3300	3190	3190	3080	3080	2950	2640
26' 3"						2680	2680	2640	2640	2530	2530	2420
29' 6"							2240	2240	2240	2240	2200	2110
32' 10"								1820	1820	1820	1820	1760
36' 1"									1540	1540	1540	1540
42' 8"										1120	1120	1120
49' 3"											810	810
53' 2"												660
↑R[ft]	[lb]	LC1280_V2051124_C1J5										

CRANE PERFORMANCE: J4

L [ft]→	16' 1"	18' 1"	21' 4"	24' 7"	27' 11"	31' 2"	34' 5"	37' 9"	41' 0"	47' 7"	54' 2"	58' 1"
3' 3"	17630	14330	11020	9250	7710	7050						
6' 7"	17630	14330	11020	8810	7270	6170	5730	5070	4400	3960		
9' 10"	11640	11020	10140	8330	6940	6170	5510	5070	4400	3960	3190	2640
13' 1"	6940	6830	6300	6080	5290	5110	4400	3960	3630	3190	2860	2310
16' 5"			4270	4180	4050	3920	3740	3520	3300	2860	2420	1980
19' 8"				2820	2710	2660	2660	2660	2420	2200	1980	1630
22' 12"					2020	1980	1980	1980	1940	1850	1760	1540
26' 3"						1650	1630	1630	1580	1540	1540	1490
29' 6"							1210	1140	1100	1050	990	990
32' 10"								920	880	830	790	740
36' 1"									770	700	660	610
42' 8"										390	330	330
↑R[ft]	[lb]	LC1280_V2051124_C1J4										

CRANE PERFORMANCE: J3

L [ft]→	16' 1"	18' 1"	21' 4"	24' 7"	27' 11"	31' 2"	34' 5"	37' 9"	41' 0"	47' 7"	54' 2"	58' 1"
3' 3"	17630	14330	11020	9250	7710	7050						
6' 7"	15430	12120	9250	7710	6610	5730	4850	4400	3520	3190		
9' 10"	11460	10580	8810	7270	6610	4620	4070	3960	3300	3080	2860	2200
13' 1"	6610	6170	5510	5290	4620	4180	3960	3740	3190	2970	2420	1760
16' 5"			3810	3810	3810	3740	3630	3190	2820	2640	1980	1430
19' 8"				2510	2510	2510	2510	2510	2420	2200	1650	1100
22' 12"					1850	1850	1850	1850	1850	1760	1540	990
26' 3"						1410	1360	1360	1360	1320	1320	920
29' 6"							1100	1050	1050	1010	990	830
32' 10"								770	770	770	770	660
36' 1"									550	550	550	550
^R[ft]	[lb]	LC1280_V2051124_C1J3										

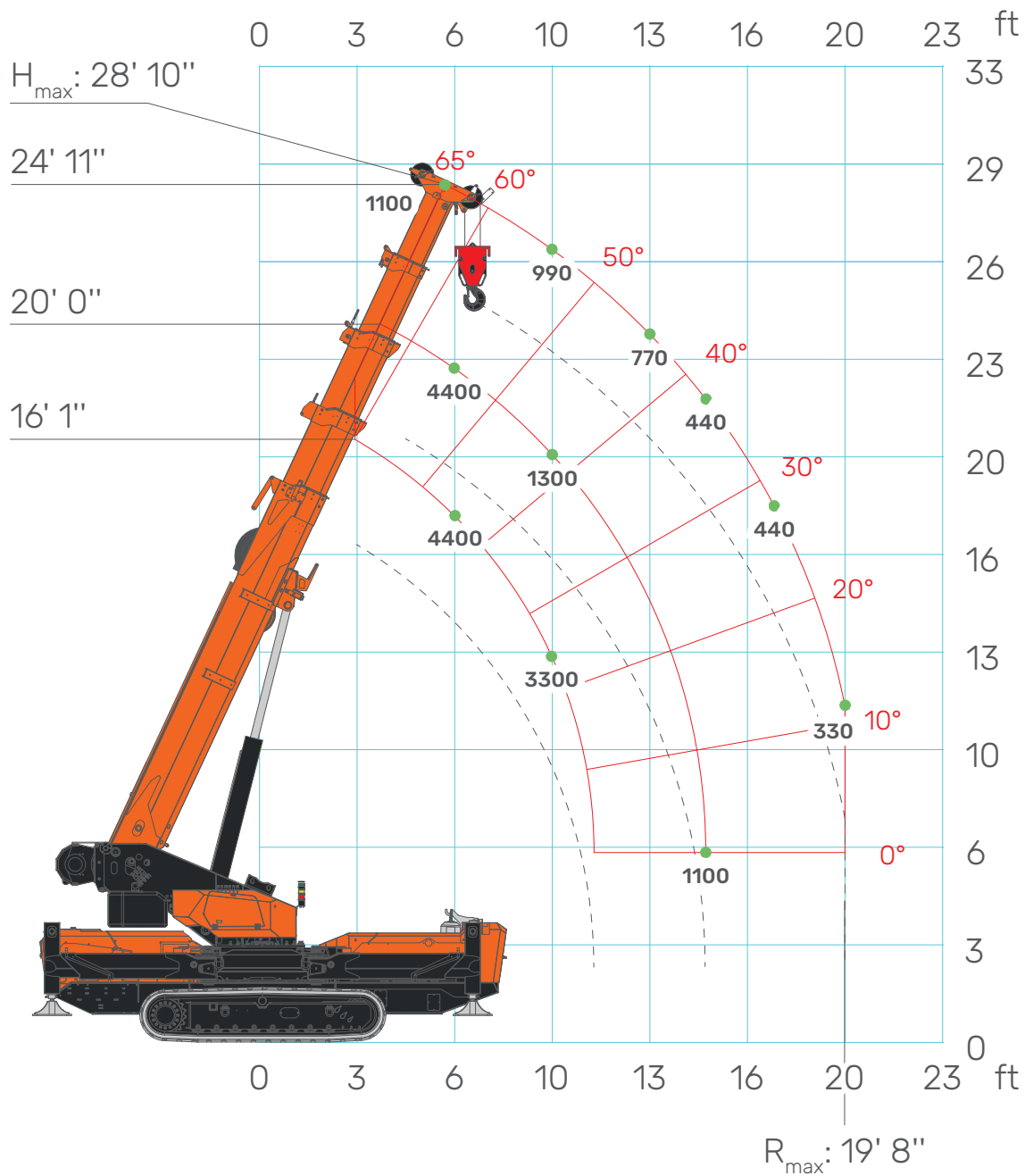
CRANE PERFORMANCE: J2

L [ft]→	16' 1"	18' 1"	21' 4"	24' 7"	27' 11"	31' 2"	34' 5"	37' 9"	41' 0"	47' 7"	54' 2"	58' 1"
3' 3"	17630	9250	7710	7050	6610	5510						
6' 7"	11020	8810	6610	6170	5290	4850	4400	3520	2420	2200		
9' 10"	6610	6170	5730	4400	3960	3520	2860	2640	2200	1980	1870	1760
13' 1"	3520	3300	3190	2860	2640	2530	2420	2200	1980	1870	1760	1540
16' 5"			2200	2090	1980	1980	1890	1850	1760	1650	1320	1100
19' 8"				770	700	700	660	660	660	610	590	550
22' 12"					440	390	390	350	350	330	330	300
26' 3"						330	300	280	280	260	260	220
^R[ft]	[lb]	LC1280_V2051124_C1J2										

SPX1280

Main boom load chart - Pick & Carry

14.03.2025 | REV3.0





CRANE PERFORMANCE: **J1** (Pick & Carry)

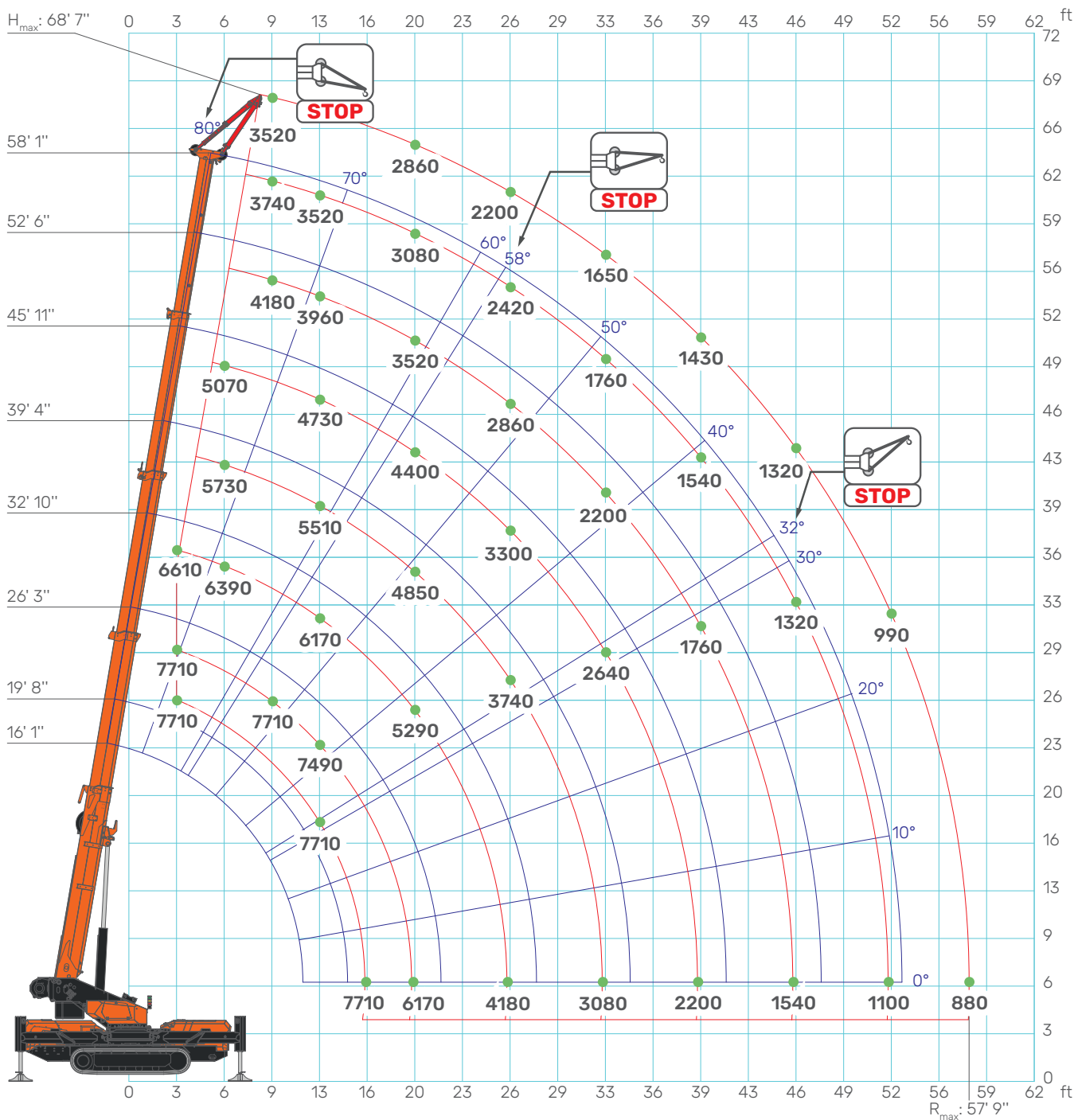
L [ft]→	16' 1"	18' 1"	20' 0"	22' 4"	24' 7"
6' 7"	4400	4400	4400	2200	1100
9' 10"	3300	3300	2860	1650	990
13' 1"		1980	1430	1210	770
15' 1"			1100	770	440
17' 5"				660	440
19' 8"					330
↑R[ft]	[lb]	LC1280_V2051124_C1J1			

SPX1280

JIB3502GX load chart

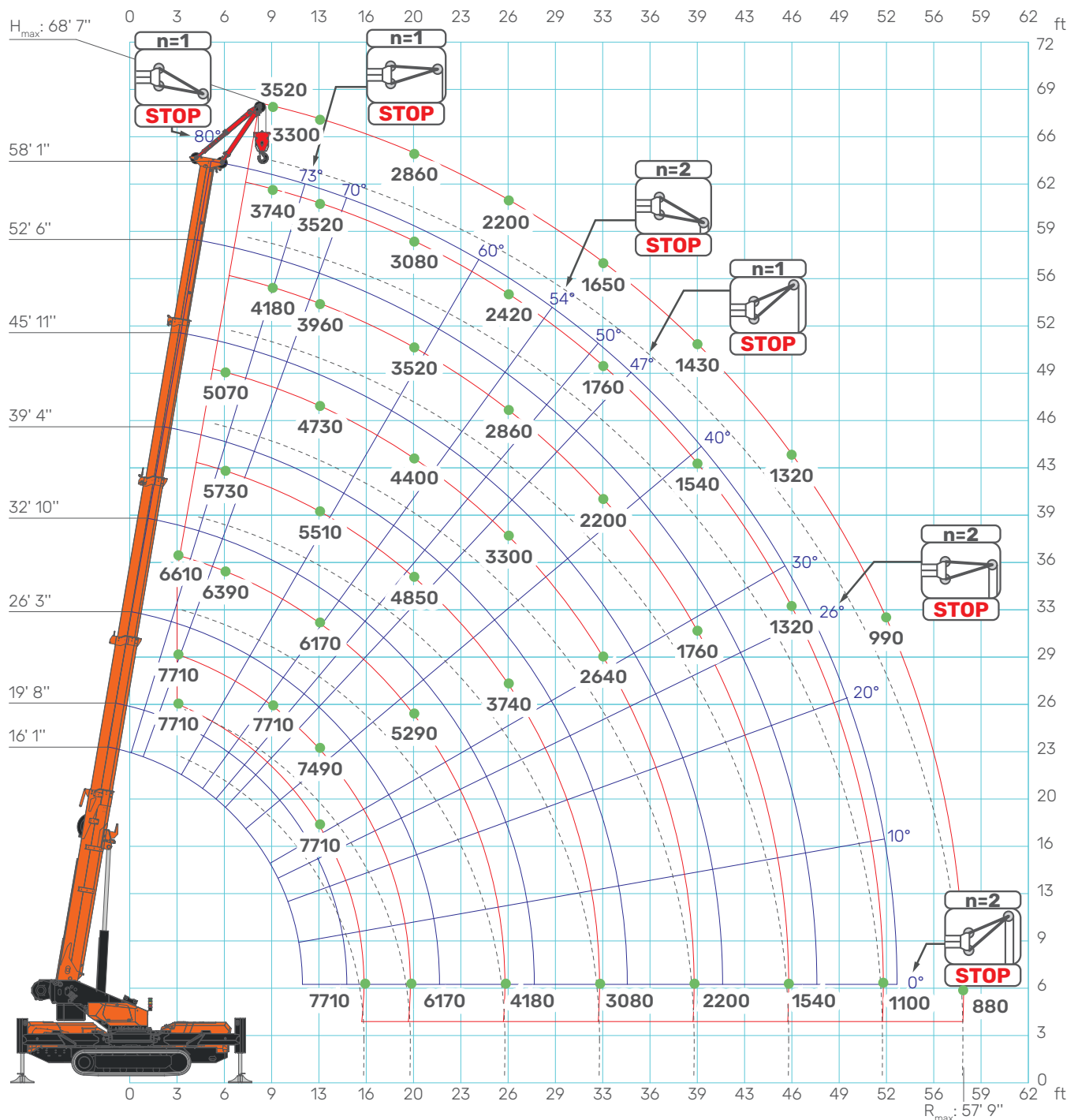
14.03.2025 | REV3.0

JIB3502GX



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

[lb]



CRANE PERFORMANCE: J7

L [ft]→	16' 1"	19' 8"	26' 3"	32' 10"	39' 4"	45' 11"	52' 6"	58' 1"
3' 3"	7710	7710	6610	5950				
6' 7"	7710	7710	6390	5730	5070	4290	3960	3520
9' 10"	7710	7710	6390	5730	4850	4180	3740	3520
13' 1"	7710	7490	6170	5510	4730	3960	3520	3300
16' 5"	7710	7050	5730	5180	4620	3740	3300	3080
19' 8"		6170	5290	4850	4400	3520	3080	2860
26' 3"			4180	3740	3300	2860	2420	2200
32' 10"				3080	2640	2200	1760	1650
39' 4"					2200	1760	1540	1430
45' 11"						1540	1320	1320
52' 6"							1100	990
57' 9"								880
↑R[ft]	[lb]	LC1280_V2051124_C8J7 - LC1280_V2051124_C9J7						

CRANE PERFORMANCE: J6

L [ft]→	16' 1"	19' 8"	26' 3"	32' 10"	39' 4"	45' 11"	52' 6"	58' 1"
3' 3"	7710	7710	6610	5950				
6' 7"	7710	7710	6390	5730	5070	3960	3300	2860
9' 10"	7710	7710	6390	5290	4400	3740	3080	2860
13' 1"	7710	7490	6170	4850	4180	3520	2860	2640
16' 5"	7050	6610	5070	4400	3960	3300	2860	2420
19' 8"		4400	4180	3960	3520	3080	2640	2200
26' 3"			2860	2860	2640	2200	1980	1650
32' 10"				2200	2200	1980	1540	1320
39' 4"					1320	1320	1320	1100
45' 11"						990	990	990
52' 6"							660	660
57' 9"								550
↑R[ft]	[lb]	LC1280_V2051124_C8J6 - LC1280_V2051124_C9J6						

CRANE PERFORMANCE: J5

L [ft]→	16' 1"	19' 8"	26' 3"	32' 10"	39' 4"	45' 11"	52' 6"	58' 1"
3' 3"	7710	7710	6610	5950				
6' 7"	7710	7710	6390	5730	4620	3520	2860	2640
9' 10"	7710	7710	6390	5290	4400	3410	2750	2420
13' 1"	7490	6610	5290	4400	4180	3080	2640	2200
16' 5"	5510	4400	4180	4070	3960	2860	2420	1980
19' 8"		3960	3520	3080	2860	2640	2200	1760
26' 3"			2420	2200	2200	1870	1760	1650
32' 10"				1540	1540	1490	1430	1320
39' 4"					1100	1100	1100	1100
45' 11"						770	770	770
52' 6"							550	550
57' 9"								390
↑R[ft]	[lb]	LC1280_V2051124_C8J5 - LC1280_V2051124_C9J5						

CRANE PERFORMANCE: J4

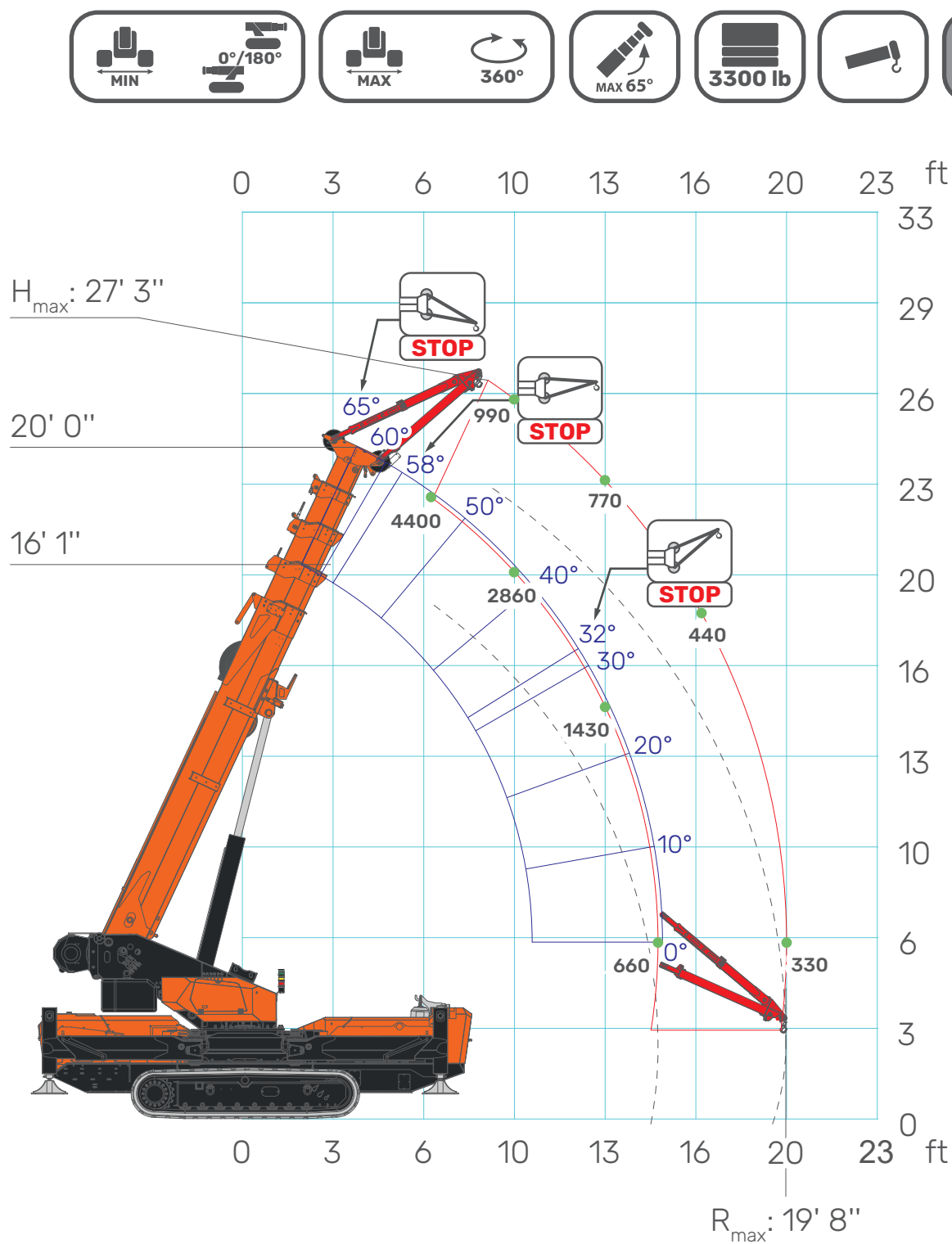
L [ft]→	16' 1"	19' 8"	26' 3"	32' 10"	39' 4"	45' 11"	52' 6"	58' 1"
3' 3"	7710	7050	5510	4620				
6' 7"	7050	7050	4620	4400	3520	2860	2200	1760
9' 10"	3960	3520	3300	3080	2640	2420	1870	1540
13' 1"	3740	3520	3080	2750	2200	1980	1540	1320
16' 5"	3520	3520	2860	2640	2090	1870	1320	1100
19' 8"		2200	1980	1760	1540	1100	880	770
26' 3"			1430	1320	1210	880	770	550
32' 10"				770	700	660	520	440
39' 4"					550	440	440	330
45' 11"						260	260	260
↑R[ft]	[lb]	LC1280_V2051124_C8J4 - LC1280_V2051124_C9J4						

CRANE PERFORMANCE: J3

L [ft]→	16' 1"	19' 8"	26' 3"	32' 10"	39' 4"	45' 11"	52' 6"	58' 1"
3' 3"	7710	6610	4400	3520				
6' 7"	4400	3080	2860	2640	2200	1760	1540	1100
9' 10"	2640	2420	1980	1760	1760	1540	1320	990
13' 1"	2200	2200	1760	1540	1540	1320	1100	880
16' 5"	1760	1760	1540	1320	1320	1100	880	660
19' 8"		1100	1100	880	880	880	660	440
26' 3"			770	660	660	550	440	330
32' 10"				330	330	260	220	220
↑R[ft]	[lb]	LC1280_V2051124_C8J3 - LC1280_V2051124_C9J3						

CRANE PERFORMANCE: J2

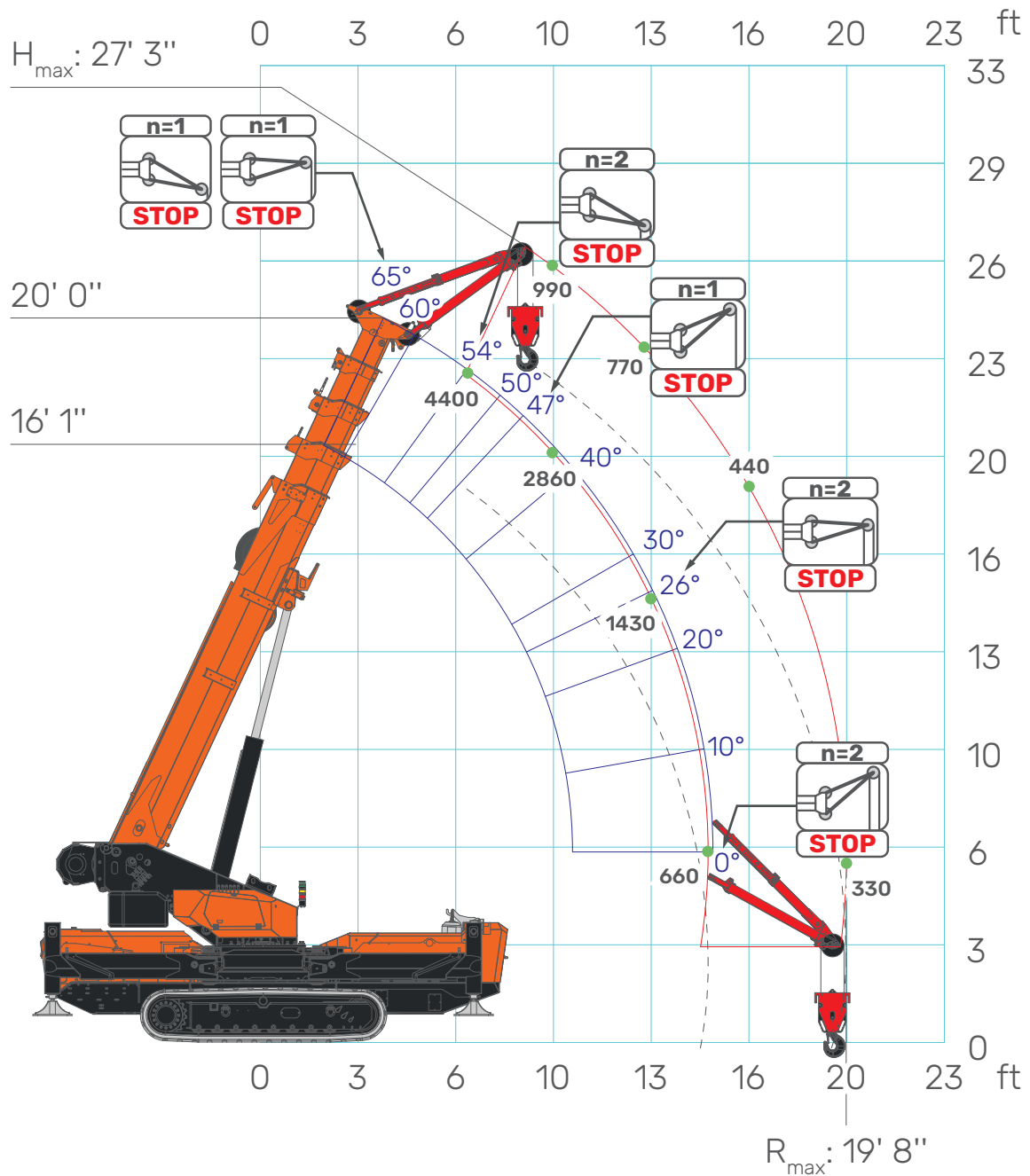
L [ft]→	16' 1"	19' 8"	26' 3"	32' 10"	39' 4"	45' 11"	52' 6"	58' 1"
3' 3"	4400	3520	2200	1760				
6' 7"	2200	2200	1760	1540	1100	1100	880	770
9' 10"	1760	1320	1100	1100	880	770	660	440
13' 1"	1320	880	880	880	660	660	440	330
16' 5"	880	880	660	660	550	440	330	220
19' 8"		660	520	440	440	330	220	220
26' 3"			440	440	440	330	220	220
↑R[ft]	[lb]	LC1280_V2051124_C8J2 - LC1280_V2051124_C9J2						



SPX1280

JIB3502GX load chart - Pick & Carry

14.03.2025 | REV.3.0



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

[lb]



CRANE PERFORMANCE: **J1** (Pick & Carry)

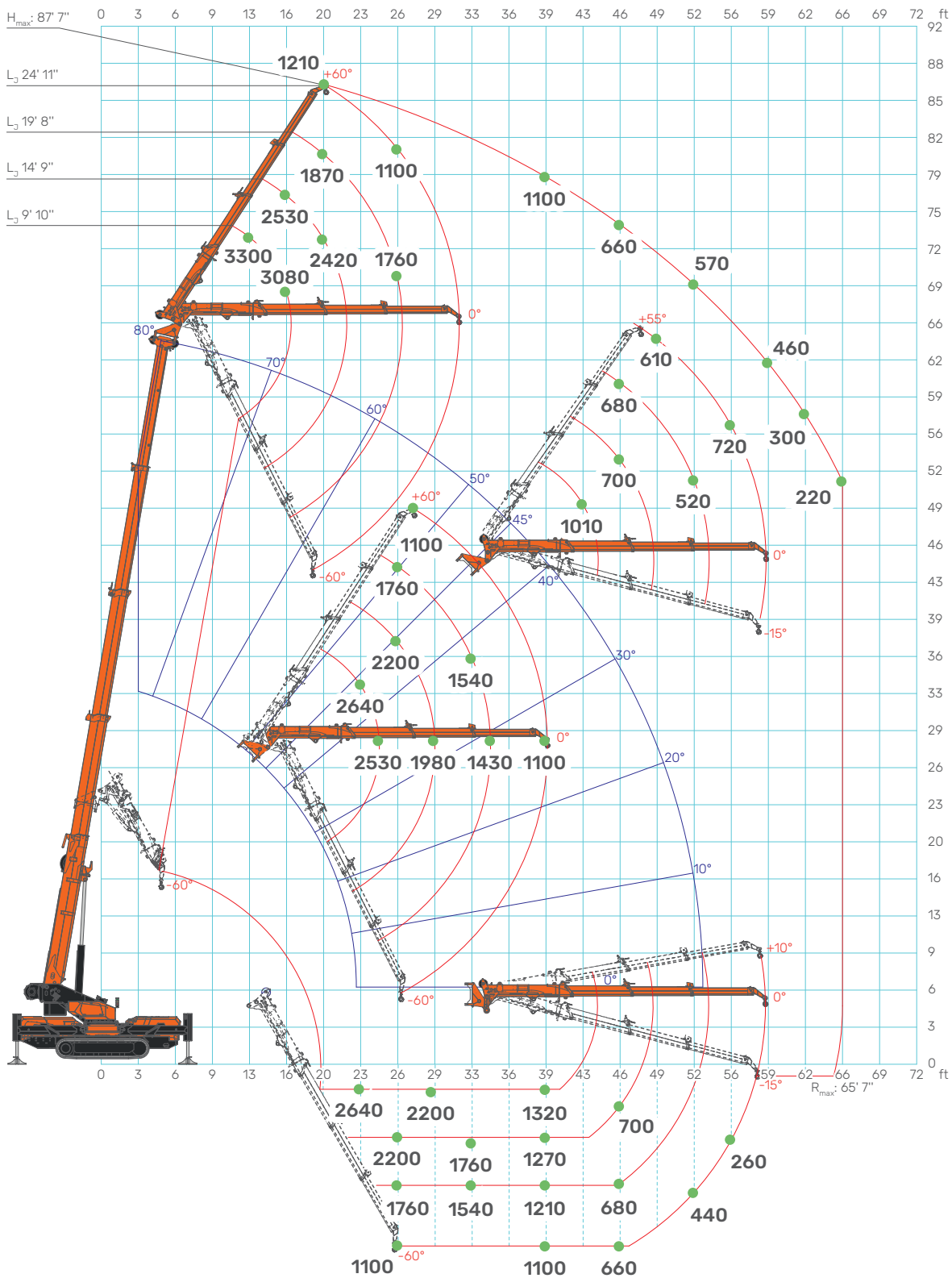
L [ft]→	15' 9"	17' 6"	20' 0"
6' 7"	4400	2200	1100
9' 10"	2860	1650	990
13' 1"	1430	1210	770
15' 9"	1100	770	440
17' 5"		660	440
19' 8"			330
↑R[ft]	[lb]	LC1280_V2051124_C8J1 - LC1280_V2051124_C9J1	

SPX1280

JIB1502.3HX load chart

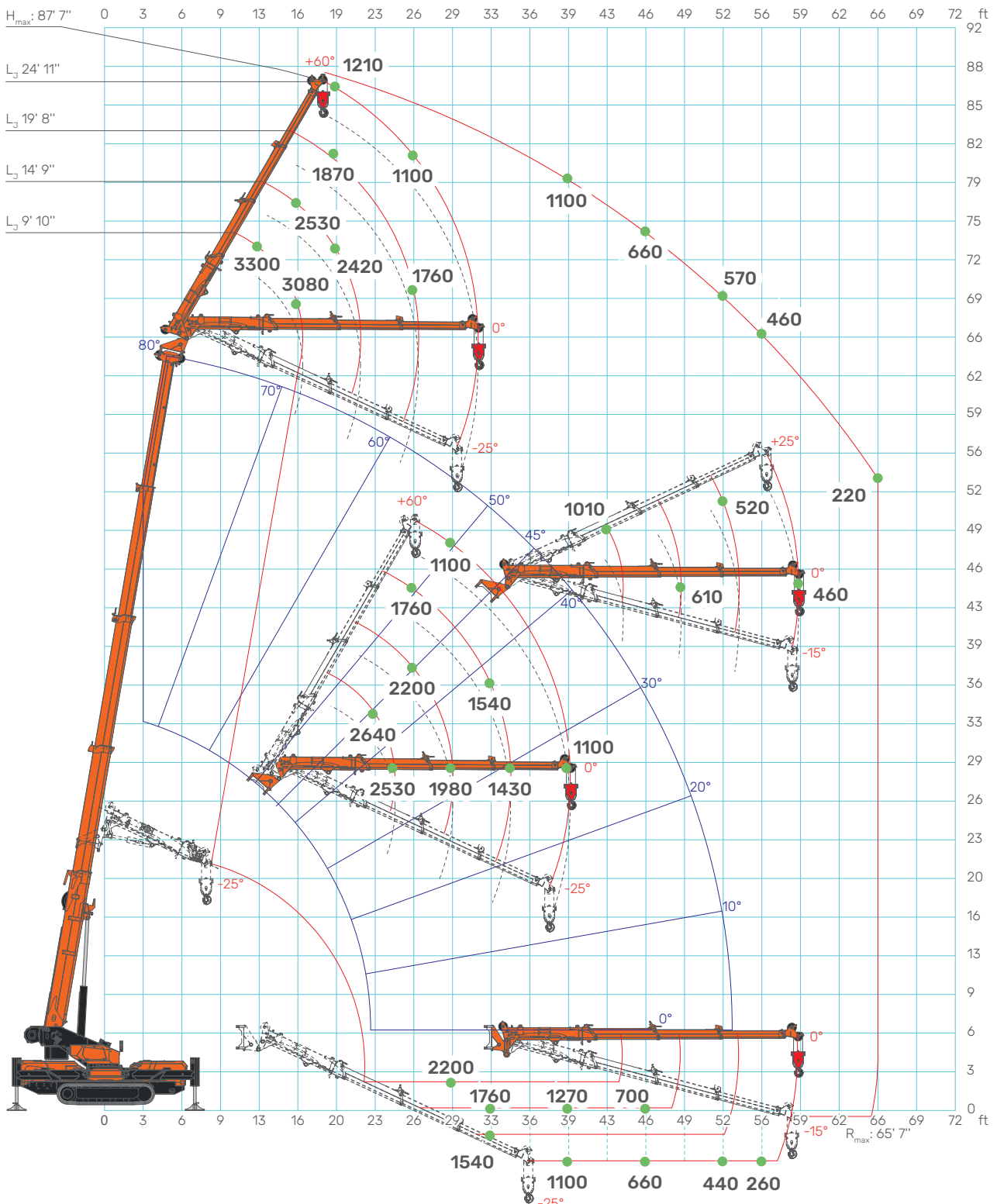
14.03.2025 | REV.3.0

JIB1502.3HX



*Over 33' main boom radius, the minimum jib angle is limited at -15°

[lb]



[lb] *Over 33' main boom radius, the minimum jib angle is limited at -15°

CRANE PERFORMANCE: **J7**

L _j [ft]→	9' 7"	14' 8"	19' 9"	24' 9"
13' 1"	3300	2640	2090	1430
16' 5"	3080	2530	1980	1320
19' 8"	2860	2420	1870	1210
22' 12"	2640	2310	1760	1100
26' 3"	2420	2200	1760	1100
29' 6"	2200	1980	1760	1100
32' 10"	1980	1760	1540	1100
36' 1"	1760	1540	1320	1100
39' 4"	1320	1270	1210	1100
42' 8"	1010	970	920	880
45' 11"	720	700	680	660
49' 3"	610	610	610	590
52' 6"	440	480	520	570
55' 9"	260	390	460	520
59' 1"		240	370	460
62' 4"			240	300
65' 7"				220
↑R[ft]	[lb]	LC1280_V2051124_C16J7 - LC1280_V2051124_C17J7		

CRANE PERFORMANCE: J6

L _j [ft]→	9' 7"	14' 8"	19' 9"	24' 9"
13' 1"	3080	2200	1760	1100
16' 5"	2860	2200	1760	1100
19' 8"	2200	2200	1760	1100
22' 12"	1760	1540	1320	1100
26' 3"	1320	1210	1100	990
29' 6"	880	880	880	880
32' 10"	660	790	790	700
36' 1"	520	610	610	590
39' 4"	440	480	520	570
42' 8"	260	390	460	520
45' 11"		240	370	440
49' 3"			240	220
↑R[ft]	[lb]	LC1280_V2051124_C16J6 - LC1280_V2051124_C17J6		

CRANE PERFORMANCE: J5

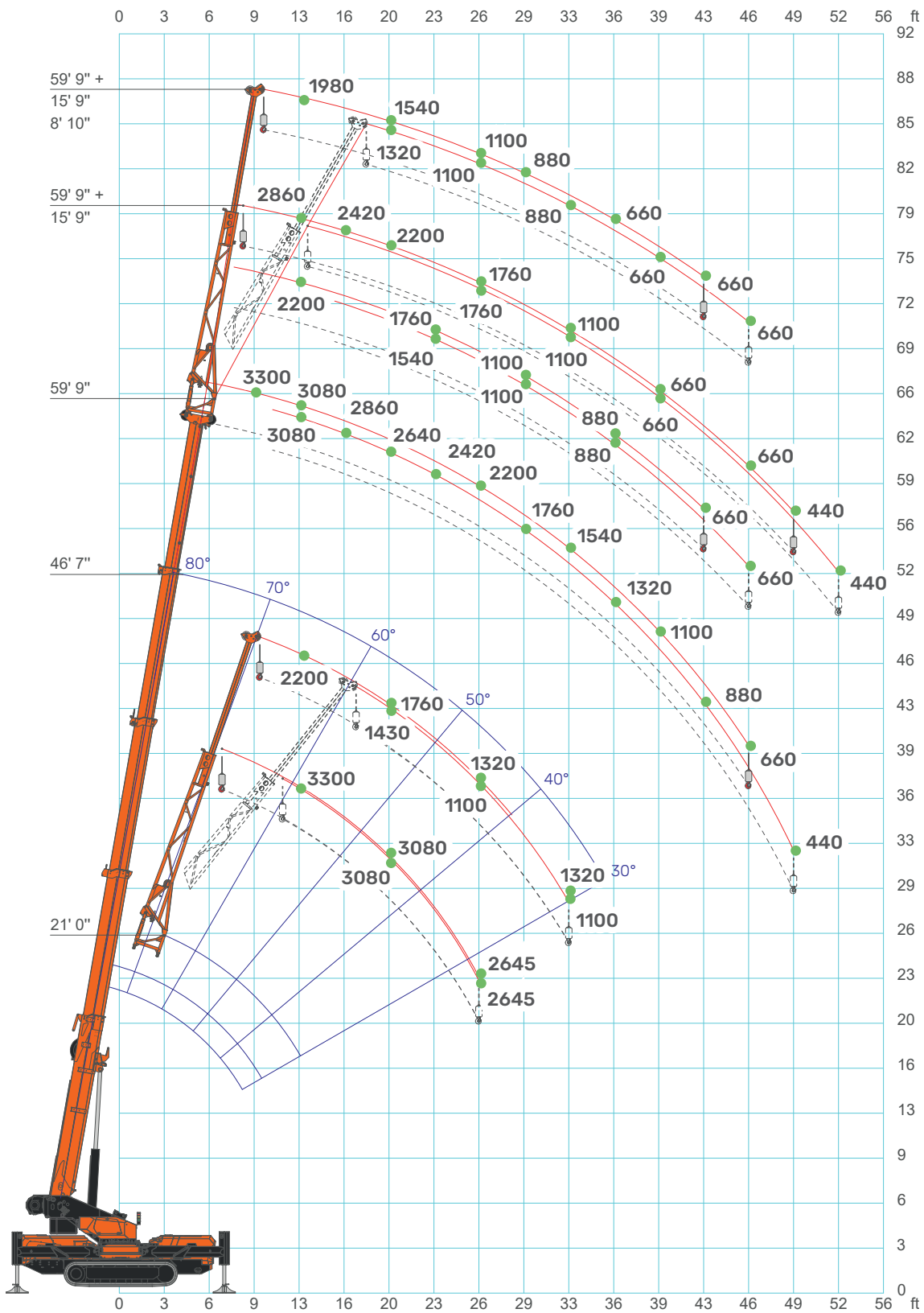
L _j [ft]→	9' 7"	14' 8"	19' 9"	24' 9"
13' 1"	3080	2200	1760	1100
16' 5"	2860	2200	1760	1100
19' 8"	2200	2200	1760	1100
22' 12"	1760	1540	1320	1100
26' 3"	1320	1210	1100	990
29' 6"	880	880	880	880
32' 10"	550	550	550	550
36' 1"	260	260	260	260
↑R[ft]	[lb]	LC1280_V2051124_C16J5 - LC1280_V2051124_C17J5		

SPX1280

JIB1502.1FL load chart

14.03.2025 | REV.3.0

JIB1502.1FL



[lb]

CRANE PERFORMANCE: J7

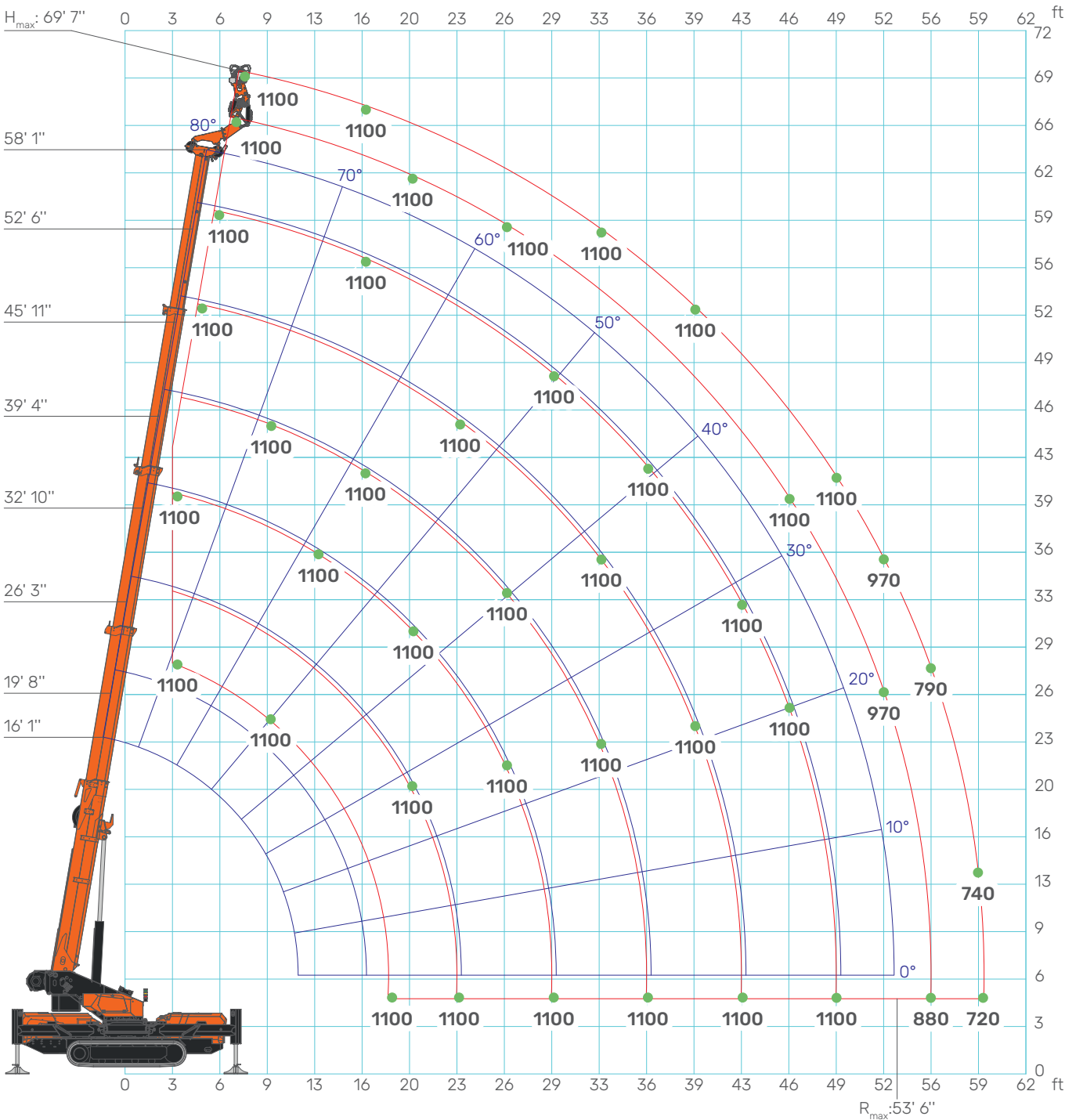
L _j [ft]→	14' 3"	22' 10"
3' 3"	3300	2200
6' 7"	3300	2200
9' 10"	3300	2200
13' 1"	3300	2200
16' 5"	3300	2090
19' 8"	3080	1980
22' 12"	2860	1760
26' 3"	2640	1430
29' 6"	2090	1320
32' 10"	1870	1210
36' 1"	1470	920
39' 4"	1320	880
42' 8"	990	830
45' 11"	810	770
49' 3"	700	660
52' 6"	660	550
↑R[ft]	[lb]	LC1280_V2051124_C33J7

SPX1280

JIB500GR load chart

14.03.2025 | REV3.0

JIB500GR



CRANE PERFORMANCE: J7

L [ft]→	15' 12"	18' 3"	21' 6"	24' 9"	28' 1"	31' 4"	34' 7"	37' 11"	41' 2"	44' 5"	47' 9"	44' 5"	54' 4"	57' 7"	58' 1"
3' 3"	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100
19' 8"	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100
22' 12"			1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100
26' 3"				1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100
29' 6"					1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100
32' 10"						1100	1100	1100	1100	1100	1100	1100	1100	1100	1100
36' 1"							1100	1100	1100	1100	1100	1100	1100	1100	1100
39' 4"								1100	1100	1100	1100	1100	1100	1100	1100
42' 8"									1100	1100	1100	1100	1100	1100	1100
45' 11"										1100	1100	1100	1100	1100	1100
49' 3"											1100	1100	1100	1100	1100
52' 6"												1050	970	970	970
55' 9"													880	810	790
59' 1"														740	740
59' 5"															720
↑R[ft]	[lb]	LC1280_V2051124_C24J7													

CRANE PERFORMANCE: J6

L [ft]→	15' 12"	18' 3"	21' 6"	24' 9"	28' 1"	31' 4"	34' 7"	37' 11"	41' 2"	44' 5"	47' 9"	51' 0"	54' 4"	57' 7"	58' 1"
3' 3"	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100
19' 8"	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100
22' 12"			1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100
26' 3"				1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100
29' 6"					1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100
32' 10"						1100	1100	1100	1100	1100	1100	1100	1100	1100	1100
36' 1"							1100	1100	1100	1100	1100	1100	1100	1100	1100
39' 4"								1100	1100	1100	1100	1100	1100	1100	1100
42' 8"									1050	920	920	920	920	920	920
45' 11"										850	740	740	740	740	740
49' 3"											680	590	590	590	590
52' 6"												520	440	440	440
55' 9"													410	330	330
59' 1"														300	300
59' 5"															280
↑R[ft]	[lb]	LC1280_V2051124_C24J6													

SPX1280

JIB500GR load tables

14.03.2025 | REV3.0

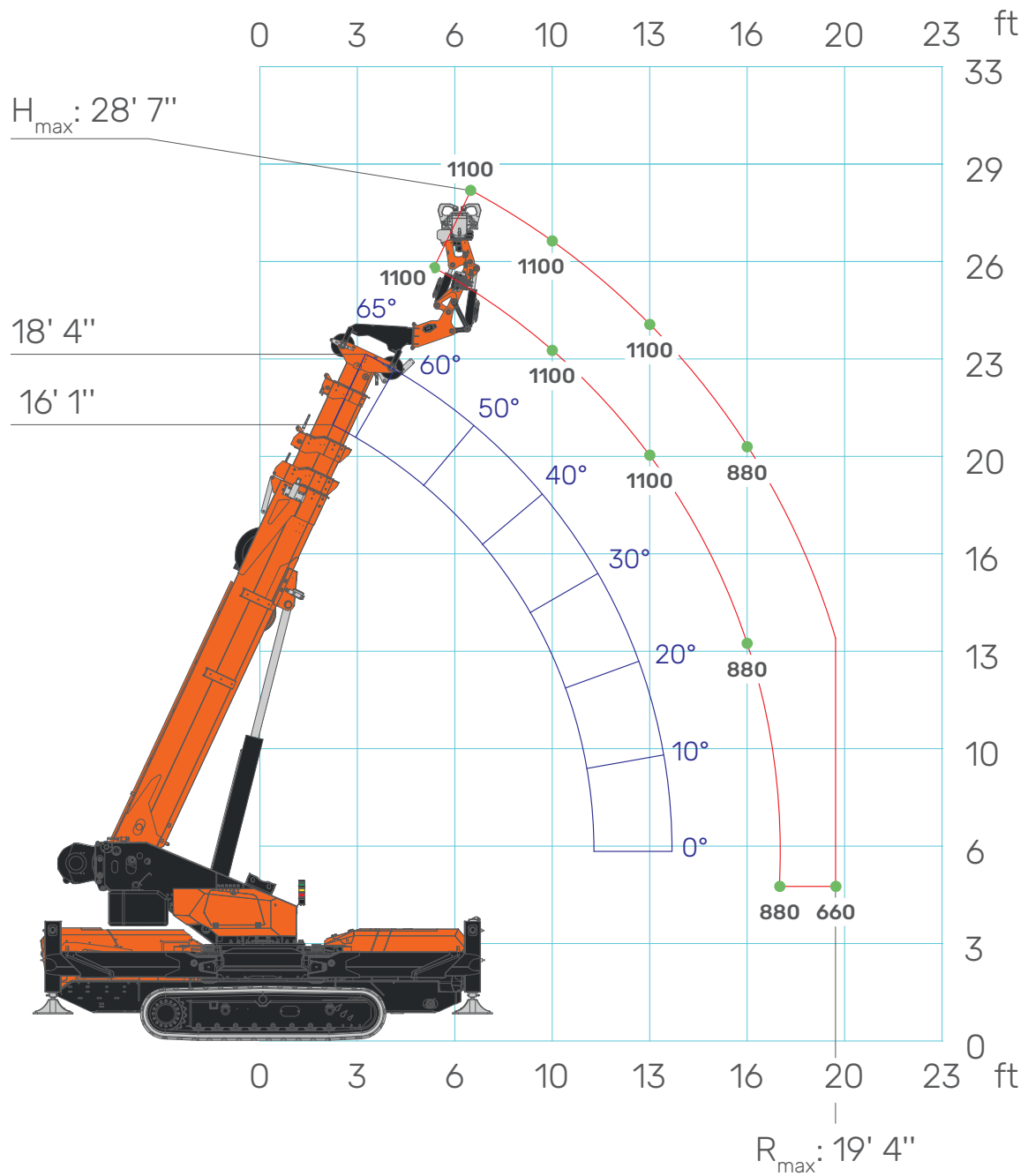
CRANE PERFORMANCE: J5

L [ft]→	15' 12"	18' 3"	21' 6"	24' 9"	28' 1"	31' 4"	34' 7"	37' 11"	41' 2"	44' 5"	47' 9"	51' 0"	54' 4"	57' 7"	58' 1"
3' 3"	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100
19' 8"	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100
22' 12"			1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100
26' 3"				1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100
29' 6"					1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100
32' 10"						1100	1100	1100	1100	1100	1100	1100	1100	1100	1100
36' 1"							1100	1010	1010	1010	1010	1010	1010	1010	1010
39' 4"								900	770	770	770	770	770	770	770
42' 8"									700	590	590	590	590	590	590
45' 11"										520	440	440	440	440	440
48' 11"											390	280	280	280	280
↑R[ft]	[lb]	LC1280_V2051124_C24J5													

CRANE PERFORMANCE: J4

L [ft]→	15' 12"	18' 3"	21' 6"	24' 9"	28' 1"	31' 4"	34' 7"	37' 11"	41' 2"	44' 5"	47' 9"	51' 0"	54' 4"	57' 7"	58' 1"
3' 3"	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100
19' 8"	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100
22' 12"			1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100
26' 3"				1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100
29' 6"					1100	940	940	940	940	940	940	940	940	940	940
32' 10"						810	680	680	680	680	680	680	680	680	680
36' 1"							590	460	460	460	460	460	460	460	460
39' 1"								410	280	280	280	280	280	280	280
↑R[ft]	[lb]	LC1280_V2051124_C24J4													

JIB500GR load chart - Pick & Carry



SPX1280

JIB500GR load tables - Pick & Carry

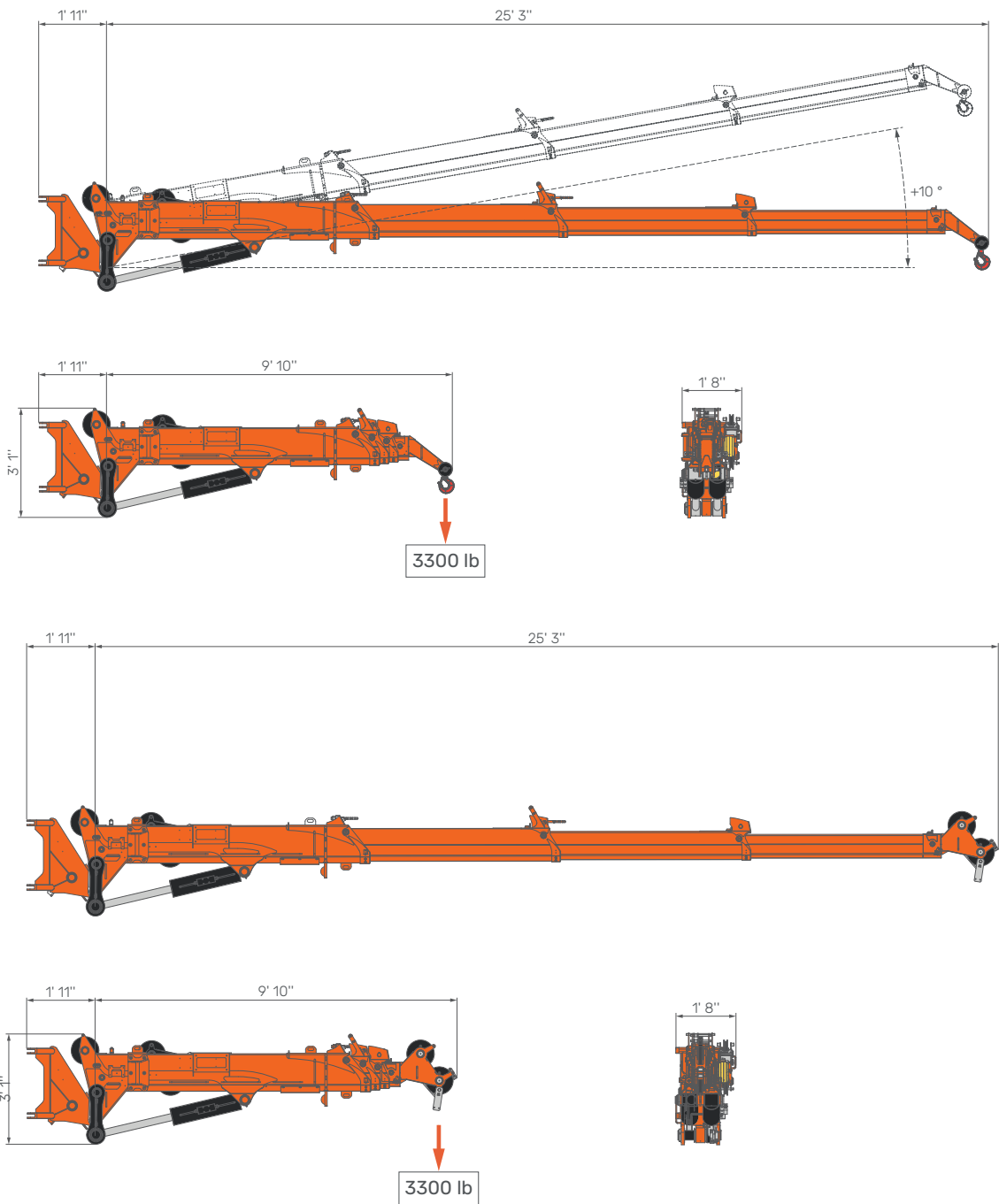
14.03.2025 | REV3.0

CRANE PERFORMANCE: **J1** (Pick & Carry)

L [ft]→	15' 12"	18' 3"
3' 3"	1100	1100
6' 7"	1100	1100
9' 10"	1100	1100
13' 1"	1100	1100
16' 5"	880	880
19' 4"	660	660
↑R[ft]	[lb]	LC1280_V2051124_C24J1

ACCESSORIES

JIB1502.3HX



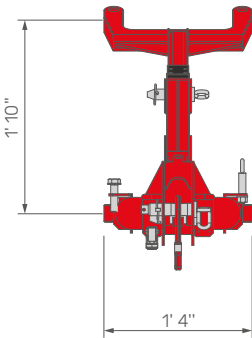
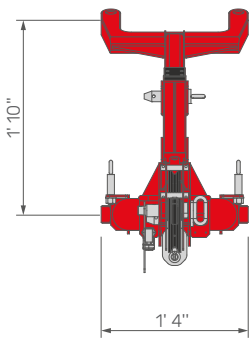
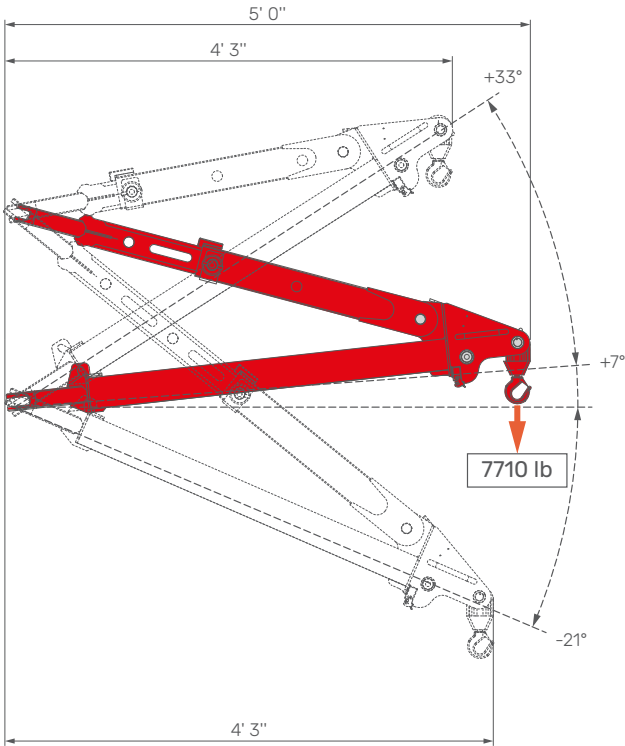
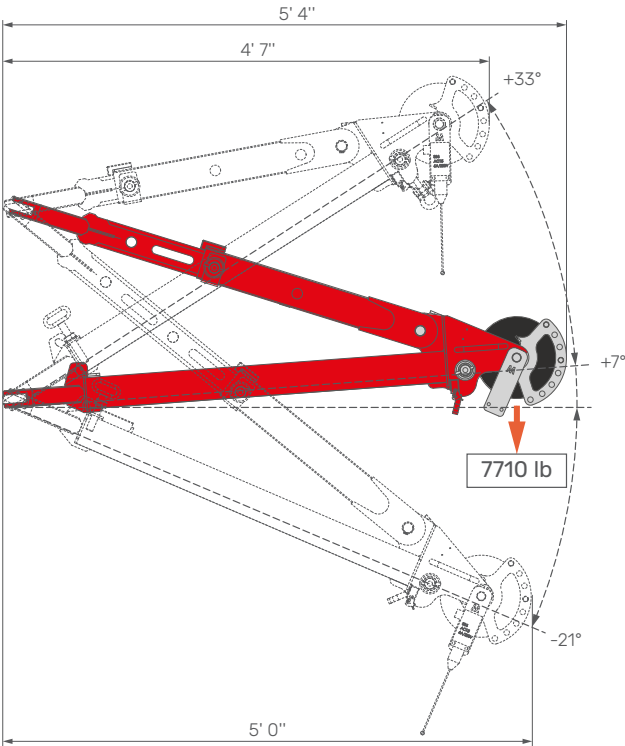
WEIGHT		JIB	JIB1502.3HX	lb	1480

SPX1280

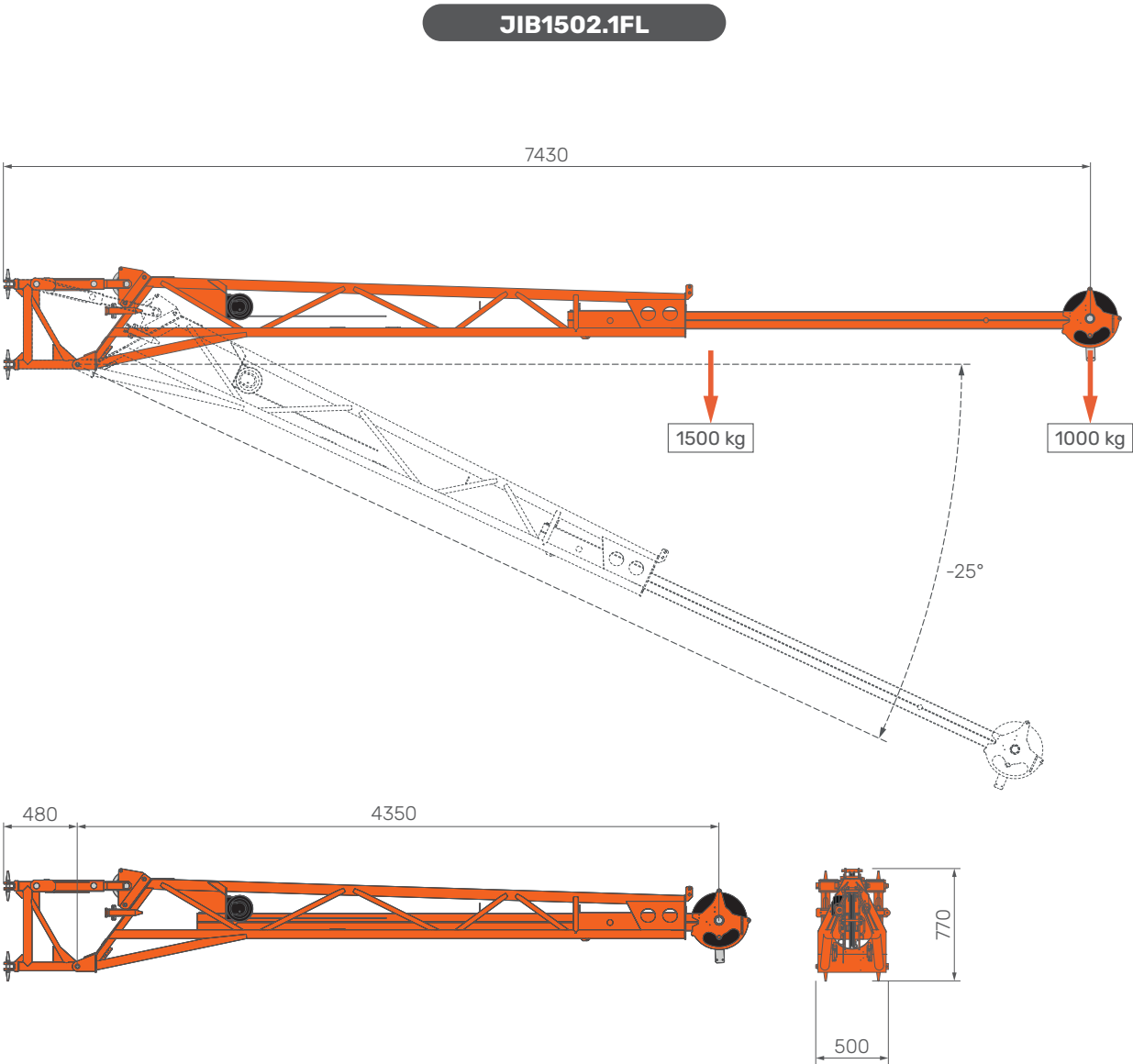
JIB3502GX features

14.03.2025 | REV3.0

JIB3502GX



WEIGHT		JIB	JIB3502GX	lb	150
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WEIGHT				
		JIB	JIB1502.FL	lb
				580

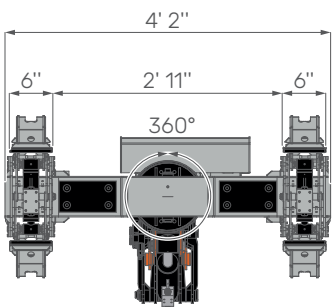
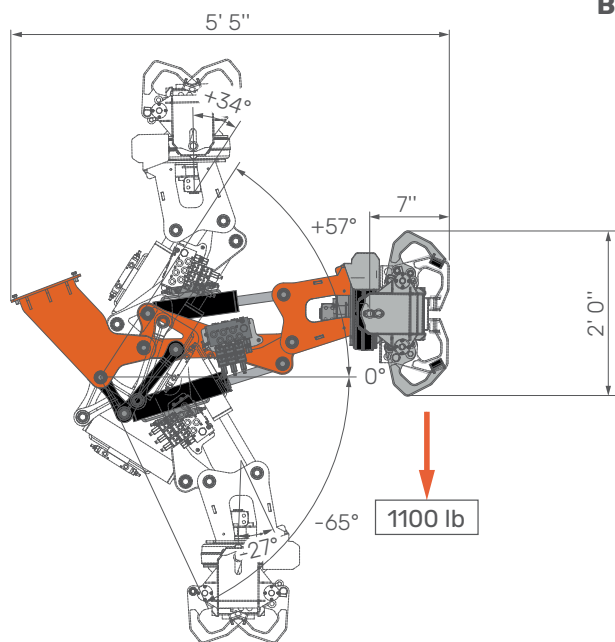
SPX1280

JIB500GR features

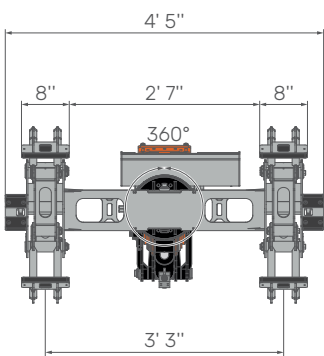
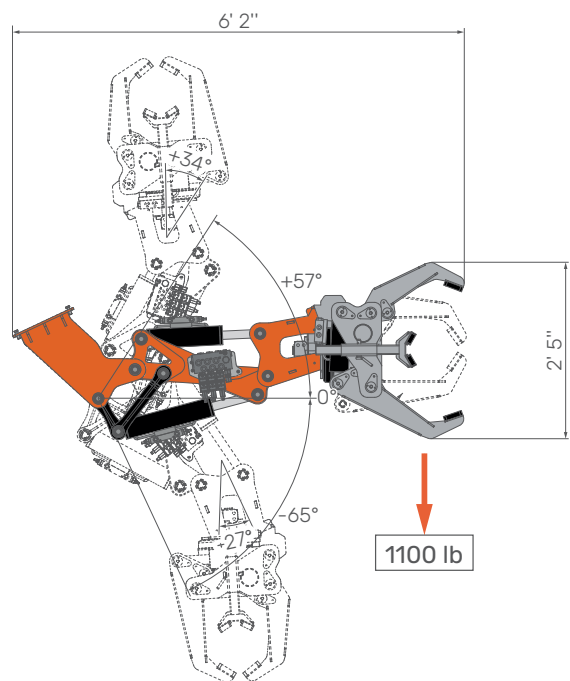
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JIB500GR

BEAMS



PIPES



WEIGHT



JIB

JIB500GR

Beams configuration

Pipes configuration

Adapter

lb

500

500

80

SYMBOLS

	Weight		Engine		Main Boom Lifting		Hydraulic System
	Crane		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
	65° Maximum Working Angle		Counterweight		Outriggers Mats		Grabber
	Closed Tracks and Turret Position Locked at 0° or 180°						
	Extended Tracks and 360° Turret Slewing						

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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