



Technical Data

Specifications & Capacities

SPX650

Translation of the original instructions

[ft] [lb]

24.04.2026 | REV2.1

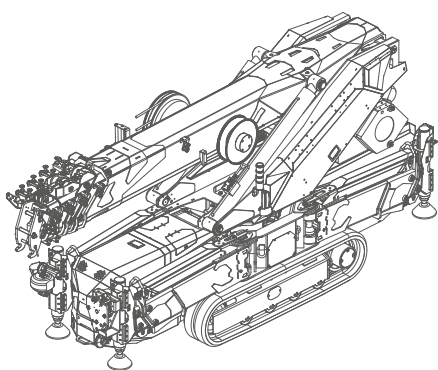


EN 13000:2014

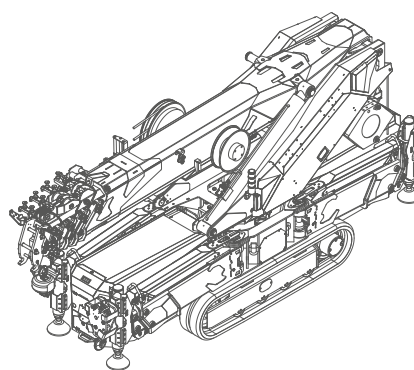
INDEX

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	24
Main boom load tables - Pick & Carry	25
JIB2000GX load chart	26
JIB2000GX load tables	27
JIB2000GX load chart- Pick & Carry	30
JIB2000GX load table - Pick & Carry	31
JIB1200.3HX load chart	32
JIB1200.3HX load tables	34
JIB500GR load chart	38
JIB500GR load tables	39
JIB1000GR load chart	42
JIB1000GR load tables	43
JIB1200.3HX features	46
JIB2000GX features	47
JIB500GR features	48
JIB1000GR features	49
Symbols	50

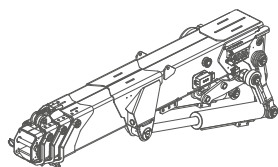
CRANE CONFIGURATION



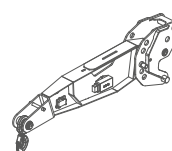
SPX650 CDH-3B



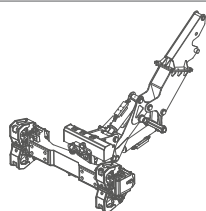
SPX650 CL-2



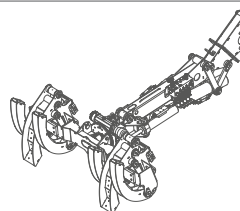
JIB1200.3HX



JIB2000GX



JIB500GR



JIB1000GR

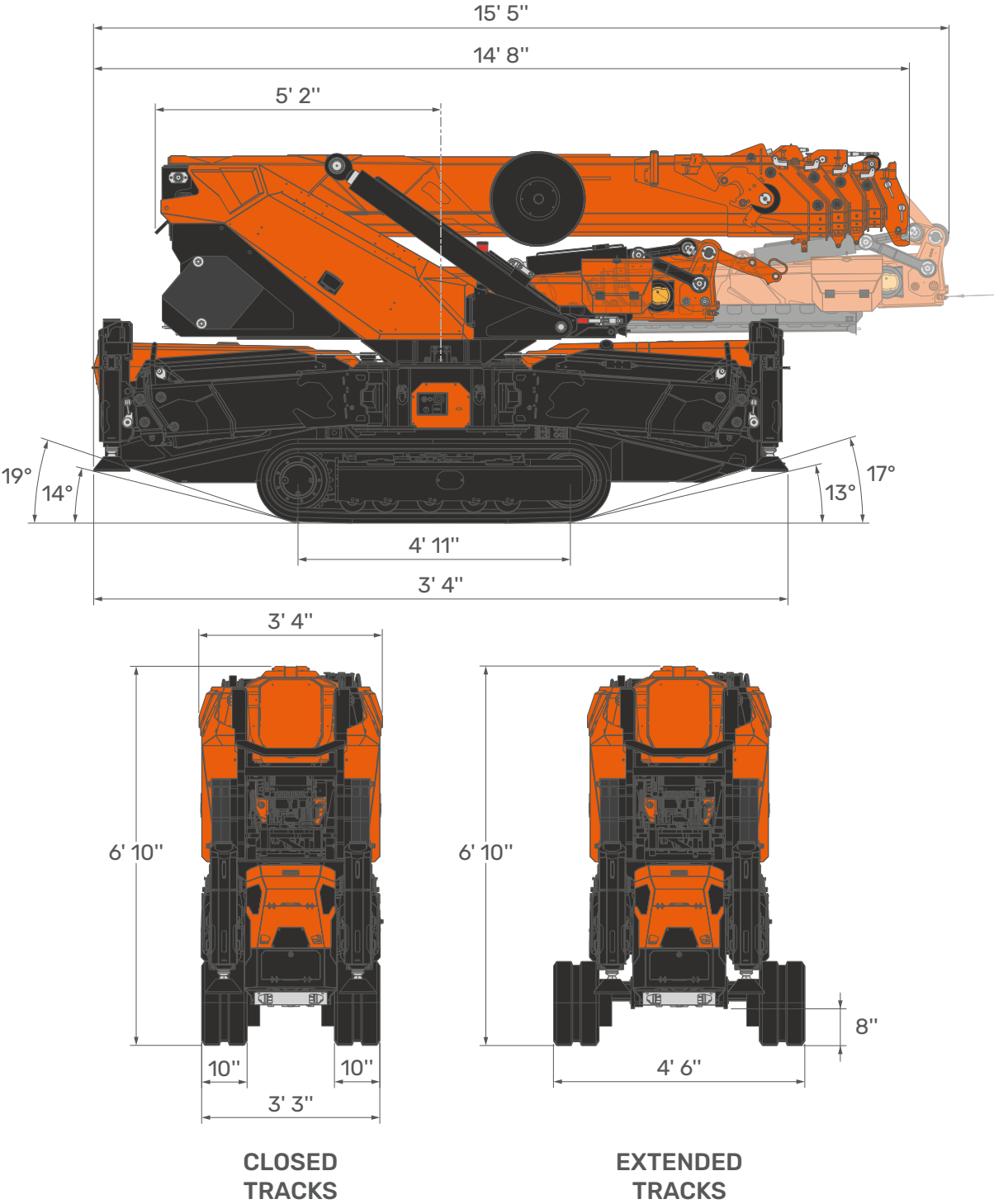


SPX650 CDH-3B

Overall dimensions

24.04.2026 | REV2.1

OVERALL DIMENSIONS



OVERALL INFORMATIONS

INFO GRU

	DESCRIPTION	U.M.	VALUE
	OVERALL DIMENSIONS	ft	Height
			6' 10"
			Length
		ft	14' 8"
			Width
			3' 4"
	BOOM	ft	Length
			13' 1"/50' 6"
			Speed
		s	40 (13' 1"/50' 6")
			Angle
			360°
	SLEWING	rpm	Speed
			1
			Working Angle
		°	0°/82°
			Speed
			25 (0°/50°)
	LIFTING	s	MAX CAPACITY
			lb
			11,020
		lb	MAX OUTRIGGERS LOAD
			10,360 ^[1]
			TRACK LOAD
		lb/in ²	11.3
			TRAVEL SPEED
			Slow
		mph	1.2
			Fast
			1.8
		°	MAX GRADEABILITY
			17°(30%) ^[2]
			WORKING TEMPERATURE
		°F	+14°/+104°
			SOUND EMISSIONS
			dB
		dB	100
			MAX WIND SPEED IN WORKING CONDITIONS
			ft/s
		ft/s	45.2
			Lifting Class (UNI 4301-1)
			A1

^[1]: Static Lifting

^[2]: Engine work limit

SPX650 CDH-3B

Overall informations

24.04.2026 | REV2.1

WEIGHT		CRANE	Standard configuration	lb	12,780 ^{[1][2]}
		HOOKBLOCK	1 ton single line hook	lb	60
			5T-D7		90
ACCESSORIES		JIB	2000GX	lb	110
			1200.3HX		1050
			500GR		590
			1000GR		840
		WINCH	W800.80-2	lb	114
			W800.85-P-2		150
		HYDRAULIC ACTIVATION	HA-SPX650	lb	85
		WINTER KIT	WUK-03.1	lb	7
		POWERPACK	3-Phase Electric Motor Pump	lb	200
		OUTRIGGERS MATS	Outriggers mats (exagonals) (x4)	lb	60

^[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	7.9

POWERPACK



POWER SUPPLY	PP400-9.B2 (CE)	3 PH + N + PE	
	PP220-4.B2 (UL-CSA)	3 PH + PE	

3-PHASE KIT	PP400-9.B2 (CE)	Voltage	V	400
		Frequency	Hz	50
		Motor Power	kW	9.3
	PP220-4.B2 (UL-CSA)	Voltage	V	220
		Frequency	Hz	60
		Motor Power	kW	9.3

BATTERY CHARGER	PP400-9.B2 (CE)	Charge	V	12
			Ah	25
	PP220-4.B2 (UL-CSA)	Charge	V	12
			Ah	25

HYDRAULIC SYSTEM



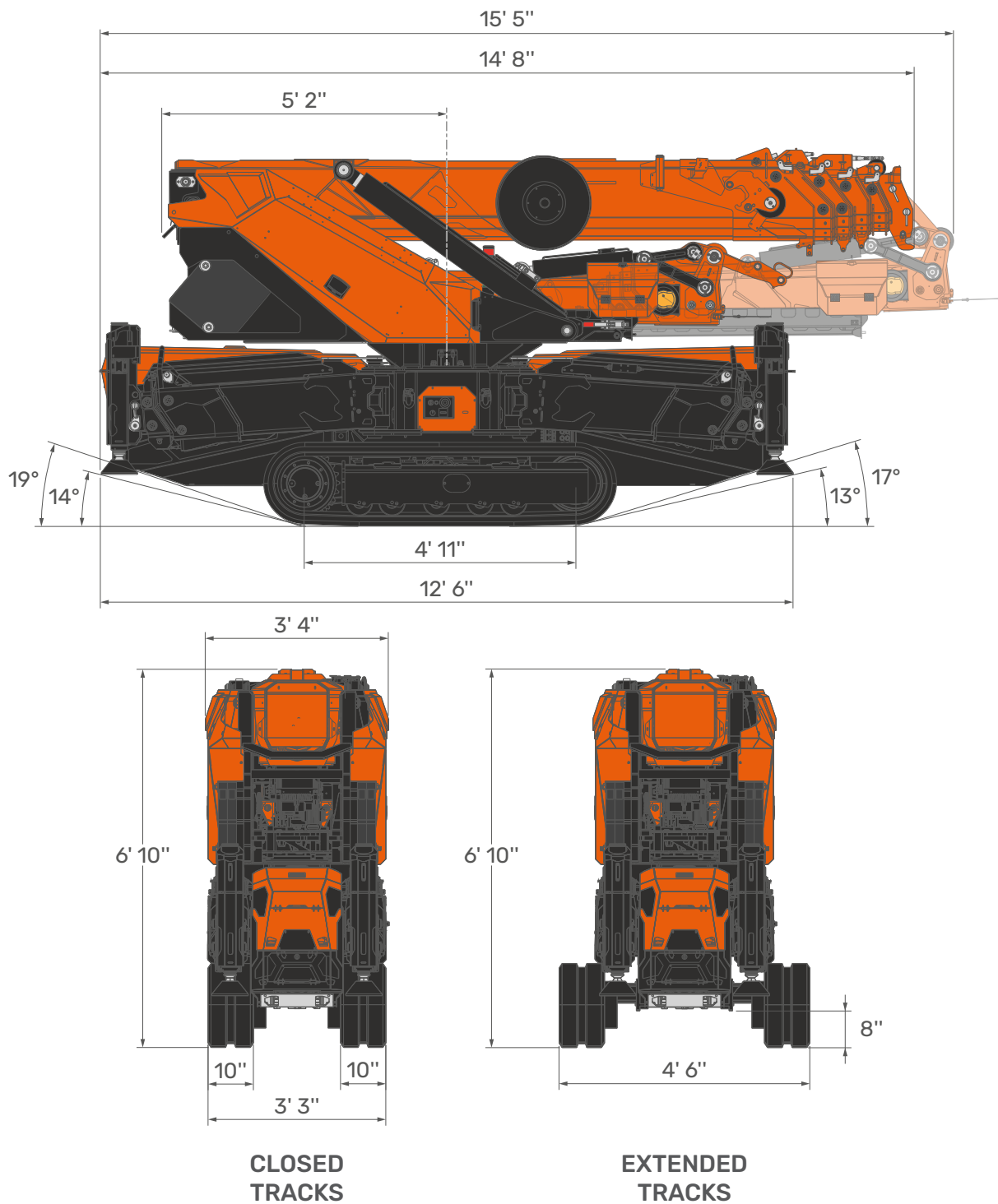
MAX WORKING PRESSURE		bar	230
TANK CAPACITY		gal	18
HYDRAULIC SYSTEM CAPACITY		gal	32
OIL	OIL-650	Biodegradable	ISO VG46
	ARTIC-OIL-650	Mineral	ISO VG46
MAIN PUMP	Variable Displacement	cc/rev	30
	Max Oil Flow	gal/min	17

SPX650 CL-2

Overall dimensions

24.04.2026 | REV2.1

OVERALL DIMENSIONS



OVERALL INFORMATIONS

CRANE INFO				
				
				
				
				
				
				
				
				
				
				
				
		DESCRIPTION	U.M.	VALUE
OVERALL DIMENSIONS		Height	ft	6' 10"
		Length		14' 8"
		Width		3' 4"
BOOM		Length	ft	13' 1"/50' 6"
		Speed	s	40 (13' 1"/50' 6")
SLEWING		Angle	°	360°
		Speed	rpm	1
LIFTING		Working Angle	°	0°/82°
		Speed	s	25 (0°/50°)
MAX CAPACITY			lb	11,020
MAX OUTRIGGERS MAX LOAD			lb	10,360 ^[1]
TRACK LOAD			lb/in ²	11.2
TRAVEL SPEED		Slow	mph	1.2
		Fast		1.8
MAX GRADEABILITY			°	17°(30%)
WORKING TEMPERATURE			°F	14°/+104°
MAX WIND SPEED IN WORKING CONDITIONS			ft/s	45.2
Lifting Class (UNI 4301-1)			A1	

^[1]: Static lifting

SPX650 CL-2

Overall informations

24.04.2026 | REV2.1

WEIGHT		CRANE	Standard configuration	lb	12,780 ^{[1][2]}
		HOOKBLOCK	1 ton single line hook	lb	60
			5T-D7		90

ACCESSORIES		JIB	2000GX	lb	110
			1200.3HX		1050
			500GR		590
		WINCH	W800.80-2	lb	114
			W800.85-P-2		150
		HYDRAULIC ACTIVATION	HA-SPX650	lb	85
		WINTER KIT	WUK-03.1	lb	7
		OUTRIGGERS MATS	Outriggers mats (exagonals) (x4)	lb	60

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

MOTOR



ELECTRIC MOTORIZATION	Power Supply		Lithium Battery	
	Battery Voltage		V	46
	Battery Capacity		Ah	400
	Motor Power		kW	16

ELECTRICAL SYSTEM



POWER SUPPLY	CE	1 PH (230V) + N + PE			
	UL-CSA	1 PH (110/220V) + N + PE			
		2x 1 PH (110/220V) + PE			

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

EXTERNAL CHARGER



POWER SUPPLY	CE	3 PH (400V) + PE			
--------------	----	------------------	--	--	--

BATTERY CHARGER	CE	3 PH (400V) + PE	Charge	V	48
				Ah	140

HYDRAULIC SYSTEM



MAX WORKING PRESSURE		bar	230
TANK CAPACITY		gal	18
HYDRAULIC SYSTEM CAPACITY		gal	32
OIL	OIL-1280	Biodegradable	ISO VG46
	ARTIC-OIL-1280	Mineral	ISO VG46
MAIN PUMP	Variable Displacement	cc/rev	35
	Max Oil Flow	gal/min	17

WINCH

W800.80-2



ROPE

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

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-2



ROPE

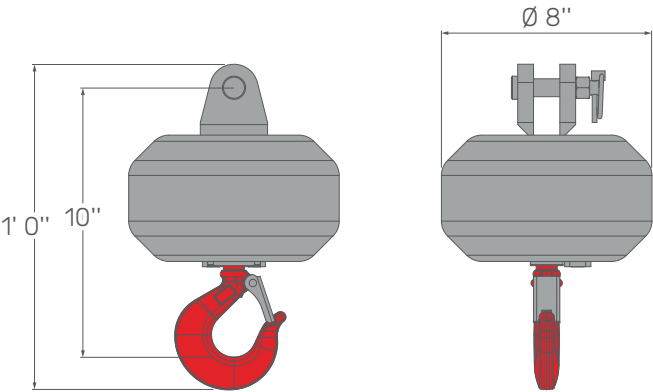
LAYER	MAX PULL LINE	ROPE SPEED	
		STANDARD	
	lb	ft/min	
1	2,270 ^[1]	52	
2	2,110 ^[1]	56	
3	1,980 ^[1]	59	
4	1,870 ^[1]	66	
5	1,760 ^[1]	69	

WIRE ROPE	BREAKING LOAD	Ø	TOTAL LENGTH
	lb	in	ft
Anti-twist 19x7 right lang lay	10,360	1/4"	278' 10"

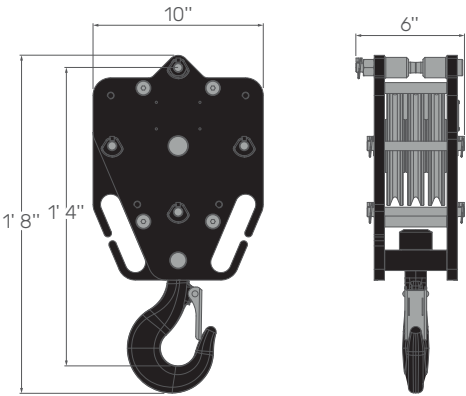
^[1]: LMI limited at 1760 lb.
Maximum speed and maximum lifting capacity cannot be contemporary.

HOOKBLOCK

HOOKBLOCK

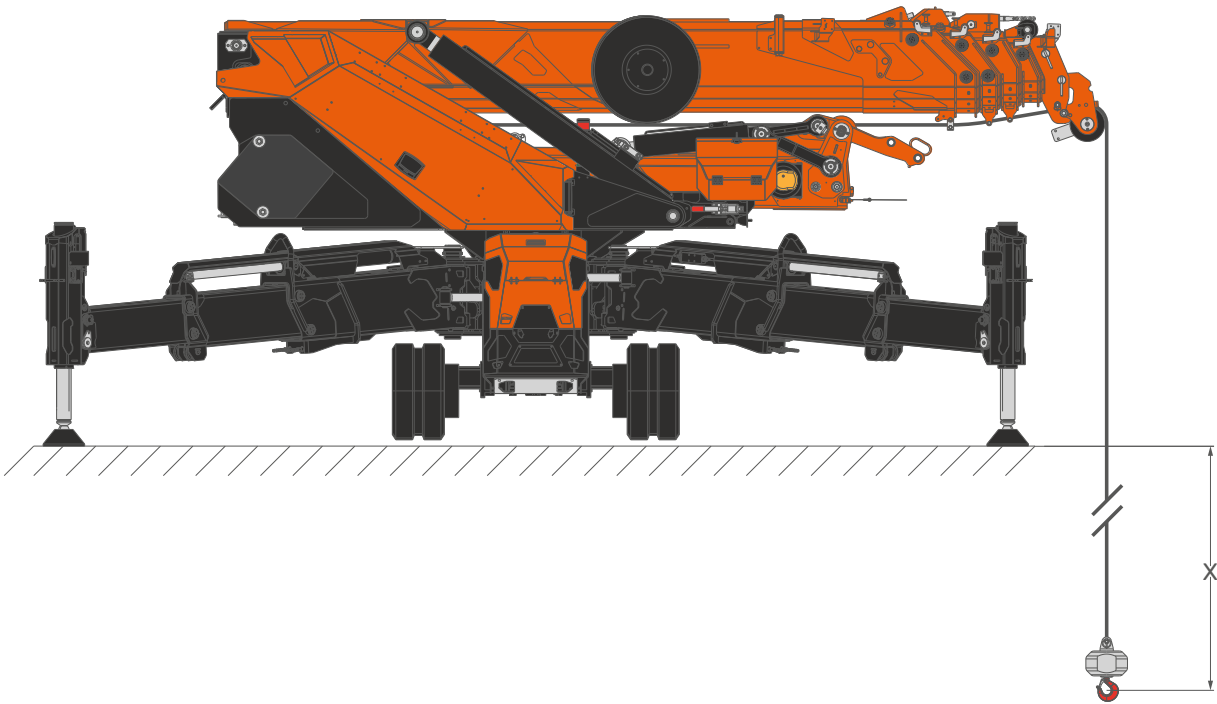


MODEL	LOAD		N° OF	
			Sheaves	Lines
1 ton single line hook	lb	1,760	-	1



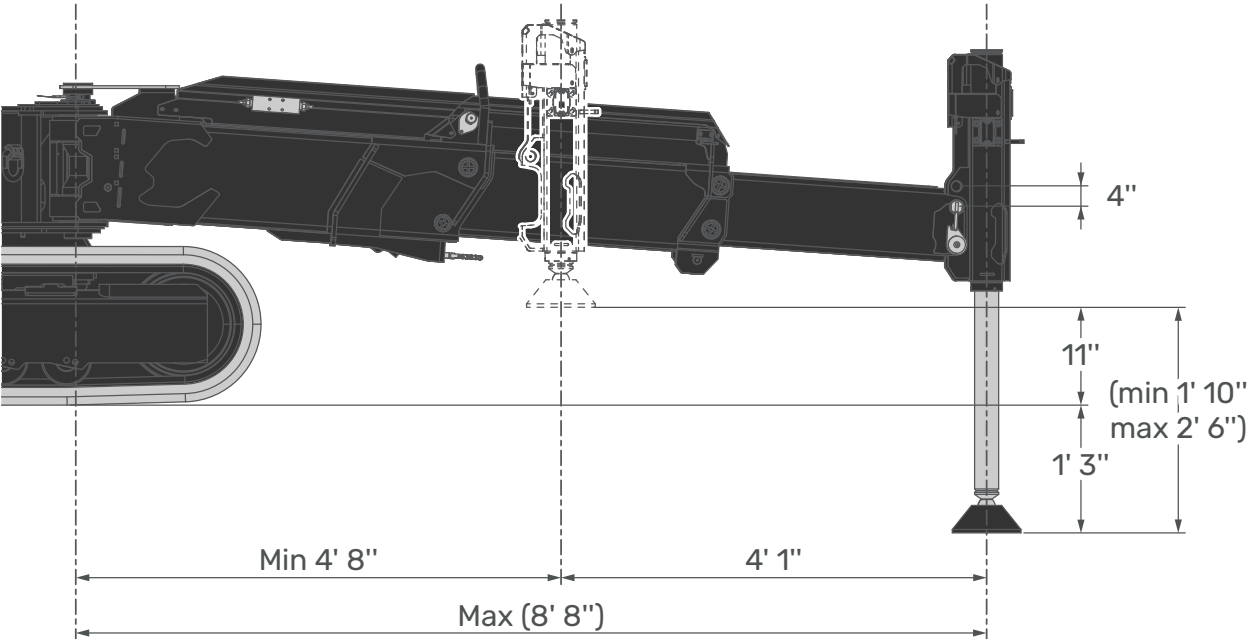
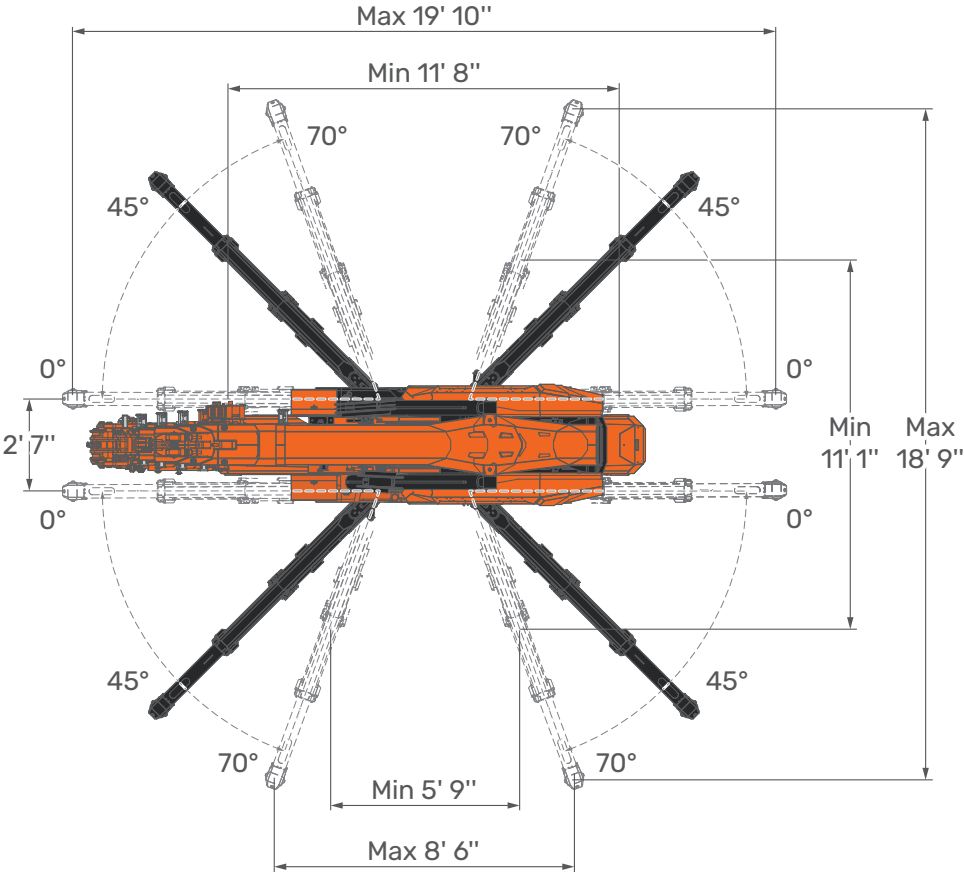
MODEL	LOAD		N° OF	
			Sheaves	Lines
5T-D7	lb	3,520	3	2
		7,050		4
		10,580		6

WINCH ROPE MAX REACH



ROPE		WINCH	W800.80-2	ft	239' 6"
			W800.85-P-2		254' 3"

STABILITY AREAS



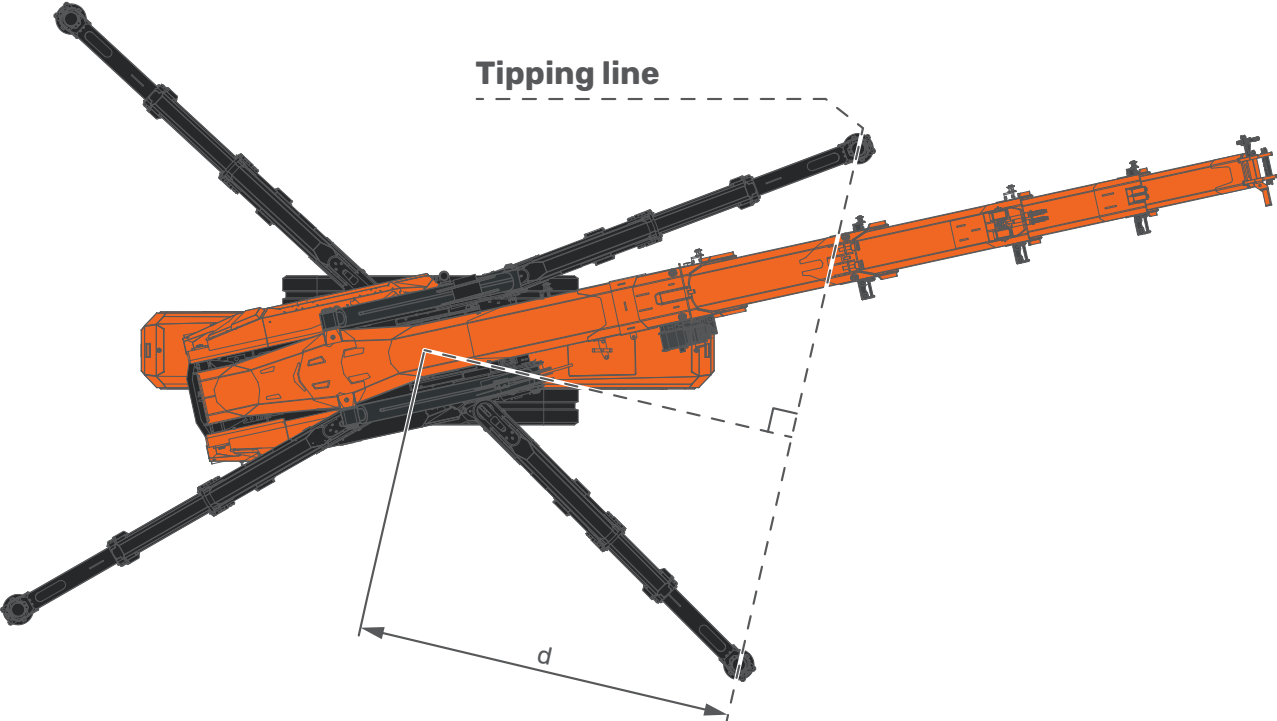
[ft]

SPX650

Tipping line - Load chart selection

24.04.2026 | REV2.1

TIPPING LINE



LOAD CHART SELECTION

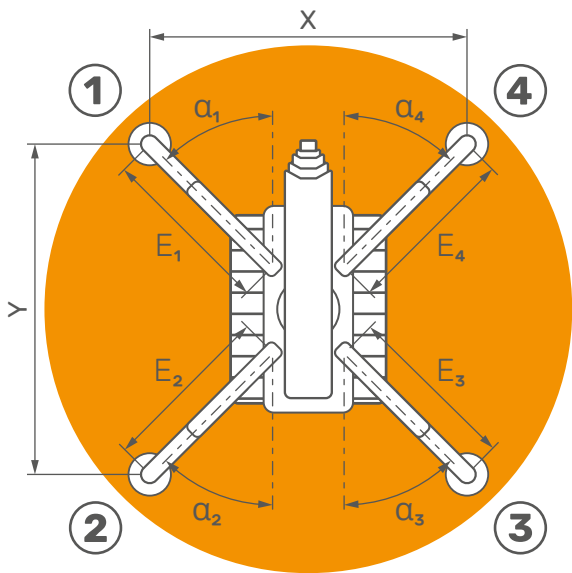
LOAD CHART	d = 3' 7"	d = 4' 5"	d = 5' 6"	d = 6' 1"	d = 7' 3"	d = 8' 6"
						J7
					J6	
				J5		
			J4			
		J3				
	J2					
J1 - PICK & CARRY						
J0 - No LIFTING CAPACITY						

STABILITY AREA

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

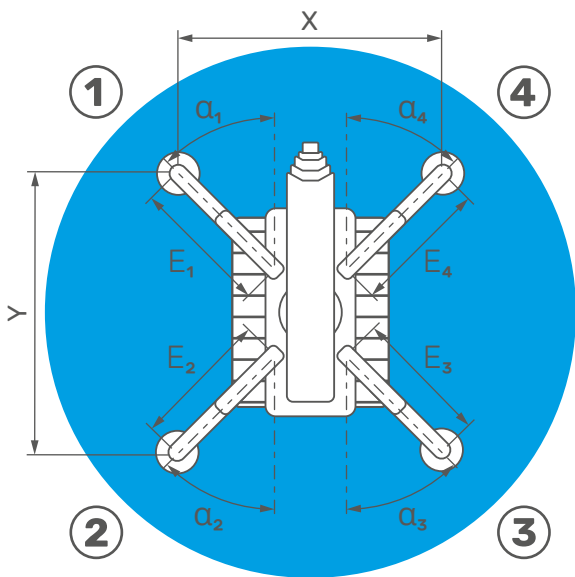
CRANE PERFORMANCE

STABILITY EXAMPLES



FULLY SYMMETRIC STABILITY

FOOTPRINT DIMENSIONS	X	14' 9"
	Y	14' 9"
OUTRIGGERS ANGLE	α_1	45°
	α_2	45°
	α_3	45°
	α_4	45°
OUTRIGGERS EXTENSION	E ₁	8' 6"
	E ₂	8' 6"
	E ₃	8' 6"
	E ₄	8' 6"
J6		360°



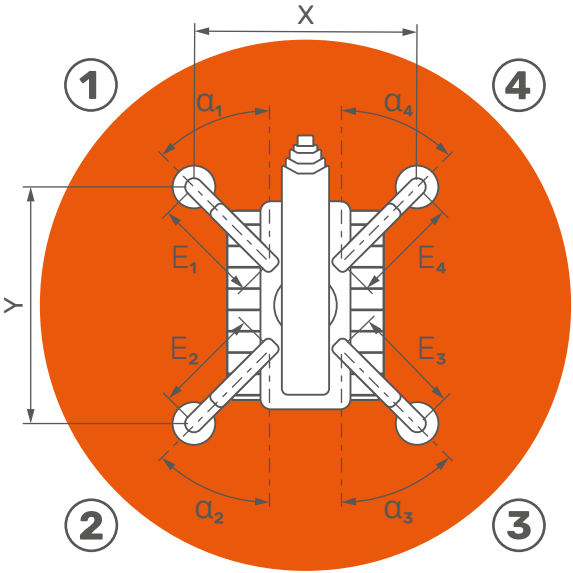
FULLY SYMMETRIC STABILITY

FOOTPRINT DIMENSIONS	X	11' 10"
	Y	11' 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"
J4		360°

SPX650

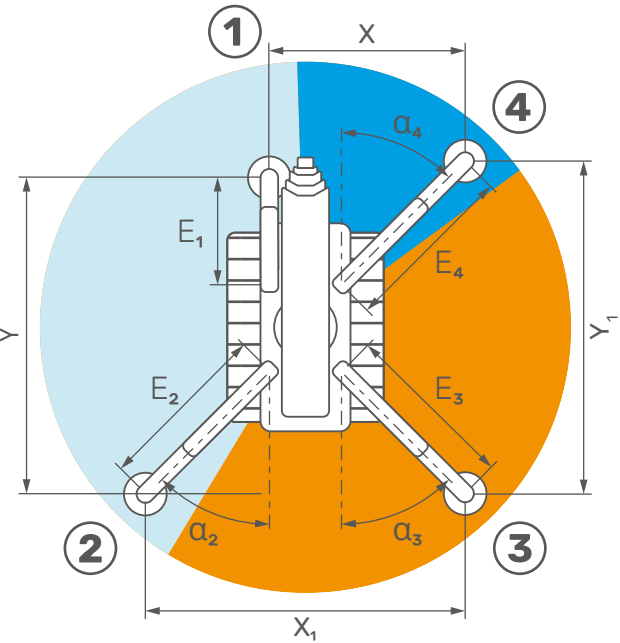
Stability examples

24.04.2026 | REV2.1



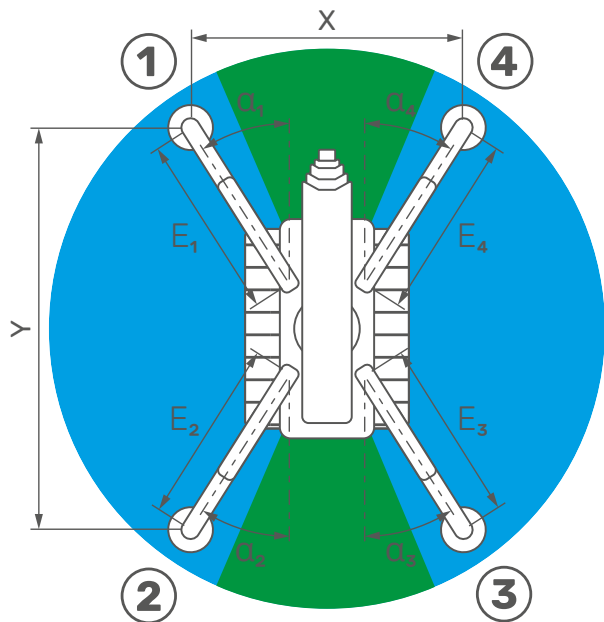
FULLY SYMMETRIC STABILITY

FOOTPRINT DIMENSIONS	OUTRIGGERS ANGLE	OUTRIGGERS EXTENSION
X		9' 2"
Y		9' 2"
α_1	45°	
α_2	45°	
α_3	45°	
α_4	45°	
E_1		4' 7"
E_2		4' 7"
E_3		4' 7"
E_4		4' 7"
J3		360°



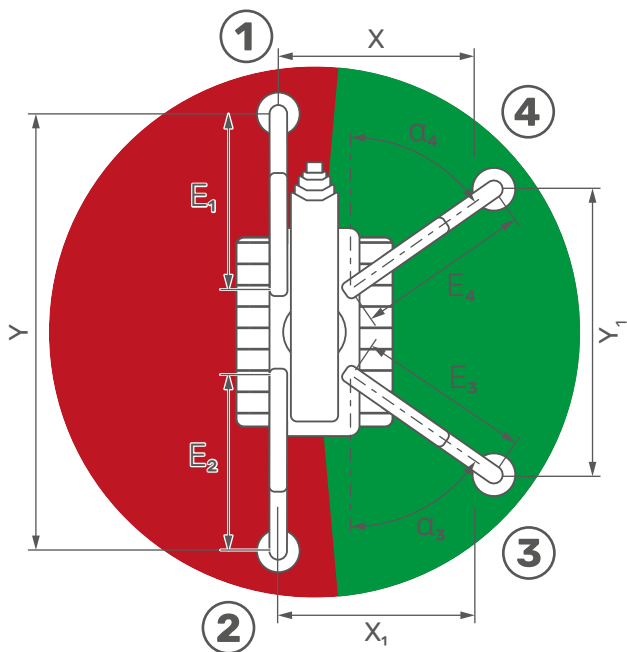
FULLY SYMMETRIC STABILITY

FOOTPRINT DIMENSIONS	OUTRIGGERS ANGLE	OUTRIGGERS EXTENSION
X		8' 10"
X_1		14' 9"
Y		13' 1"
Y_1		14' 9"
α_1	0°	
α_2	45°	
α_3	45°	
α_4	45°	
E_1		4' 7"
E_2		8' 6"
E_3		8' 6"
E_4		8' 6"
J2		146°
J4		58°
J6		156°



FULLY SYMMETRIC STABILITY

OUTRIGGERS	FOOTPRINT DIMENSIONS	
	X	12' 2"
	Y	17' 5"
OUTRIGGERS	ANGLE	
	α_1	32°
	α_2	32°
	α_3	32°
	α_4	32°
OUTRIGGERS	EXTENSION	
	E ₁	8' 6"
	E ₂	8' 6"
	E ₃	8' 6"
	E ₄	8' 6"
	J4	2x 136°
	J7	2x 44°



FULLY SYMMETRIC STABILITY

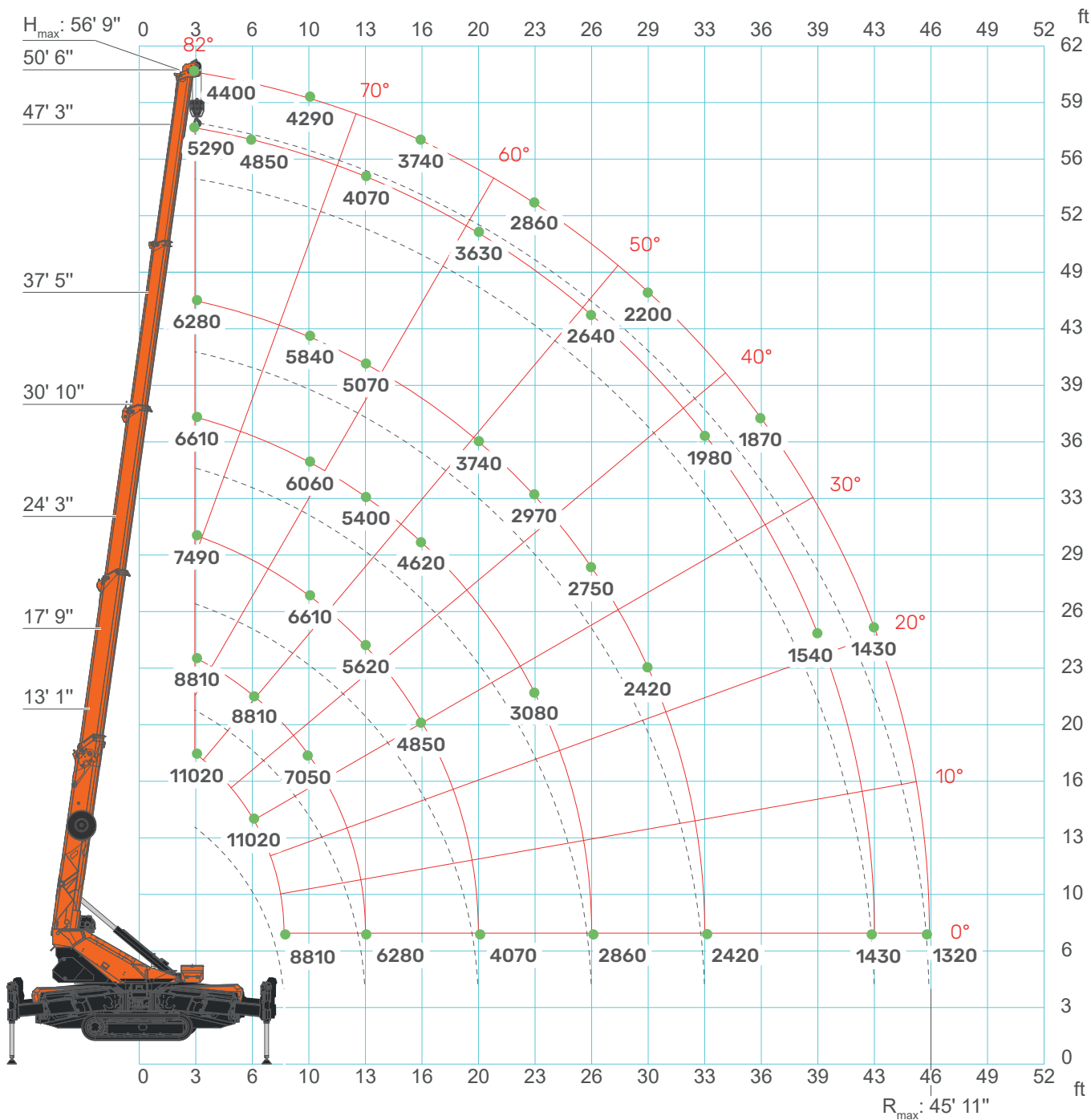
OUTRIGGERS	FOOTPRINT DIMENSIONS	
	X	9' 10"
	X ₁	9' 10"
	Y	19' 8"
	Y ₁	11' 10"
OUTRIGGERS	ANGLE	
	α_1	0°
	α_2	0°
	α_3	58°
	α_4	58°
OUTRIGGERS	EXTENSION	
	E ₁	8' 6"
	E ₂	8' 6"
	E ₃	8' 6"
	E ₄	8' 6"
	J0	195°
	J7	165°

SPX650

Main boom load chart

24.04.2026 | REV2.1

MAIN BOOM



CRANE PERFORMANCE: J7

L [ft]→	13' 1"	13' 3"	17' 9"	20' 12"	24' 3"	27' 7"	30' 10"	34' 1"	37' 5"	40' 8"	47' 3"	50' 6"
3' 3"	11020	8810	8810	8150	7490	6610	6610	6390	6280	6170	5290	4400
6' 7"	11020	8810	8810	7710	7050	6390	6390	6170	6060	5950	4850	4290
9' 10"	8810	8810	7050	6830	6610	6170	6060	5950	5840	5070	4620	4180
13' 1"			6280	5730	5620	5510	5400	5290	5070	4400	4070	3960
16' 5"				5290	4850	4730	4620	4400	4290	4180	3850	3740
19' 8"					4070	3850	3740	3740	3740	3740	3630	3190
22' 12"						3190	3080	3080	2970	2970	2860	2860
26' 3"							2860	2750	2750	2640	2640	2640
29' 6"								2640	2420	2310	2200	2200
32' 10"									2420	2200	1980	1980
36' 1"										1870	1870	1870
42' 8"											1430	1430
45' 7"												1320
↑R[ft]	[lb]	LC650_V307_0326_C0J7 - LC650_V307_0326_C1J7										

CRANE PERFORMANCE: J6

L [ft]→	13' 1"	13' 3"	17' 9"	20' 12"	24' 3"	27' 7"	30' 10"	34' 1"	37' 5"	40' 8"	47' 3"	50' 6"
3' 3"	11020	8810	8810	8150	7490	6610	6610	6390	6280	6170	5290	4400
6' 7"	11020	8810	8810	7710	7050	6390	6390	6170	6060	5950	4850	4290
9' 10"	8810	8810	7050	6830	6610	6170	6060	5950	5840	5070	4620	4180
13' 1"			6280	5730	5620	5510	5400	5290	5070	4400	4070	3960
16' 5"				5290	4850	4730	4620	4400	4290	4180	3850	3740
19' 8"					4070	3850	3740	3740	3740	3740	3630	3190
22' 12"						3190	3080	3080	2970	2970	2860	2860
26' 3"							2640	2530	2530	2420	2420	2420
29' 6"								2200	2160	2090	2090	2070
32' 10"									1890	1850	1800	1800
36' 1"										1540	1540	1540
42' 8"											1210	1210
45' 7"												1050
↑R[ft]	[lb]	LC650_V307_0326_C0J6 - LC650_V307_0326_C1J6										

SPX650

Main boom load tables

24.04.2026 | REV2.1

CRANE PERFORMANCE: J5

L [ft]→	13' 1"	13' 3"	17' 9"	20' 12"	24' 3"	27' 7"	30' 10"	34' 1"	37' 5"	40' 8"	47' 3"	50' 6"
3' 3"	11020	8810	8810	8150	7490	6610	6610	6390	6280	6170	5290	4400
6' 7"	11020	8810	8810	7710	7050	6390	6390	6170	6060	5950	4850	4290
9' 10"	7710	7710	7050	6830	6610	6170	6060	5950	5840	5070	4620	4180
13' 1"			5950	5730	5620	5510	5400	5290	5070	4400	4070	3960
16' 5"				5070	4850	4730	4620	4400	4290	4180	3850	3740
19' 8"					3630	3630	3630	3630	3300	3300	3080	3080
22' 12"						2750	2750	2750	2750	2640	2640	2640
26' 3"							2200	2200	2200	2200	2200	2200
29' 6"								1760	1760	1760	1760	1760
32' 10"									1430	1430	1430	1430
36' 1"										1190	1190	1190
42' 8"											880	880
45' 7"												660
↑R[ft]	[lb]	LC650_V307_0326_C0J5 - LC650_V307_0326_C1J5										

CRANE PERFORMANCE: J4

L [ft]→	13' 1"	13' 3"	17' 9"	20' 12"	24' 3"	27' 7"	30' 10"	34' 1"	37' 5"	40' 8"	47' 3"	50' 6"
3' 3"	11020	8810	8810	8150	7490	6610	6610	6390	6280	6170	5290	4400
6' 7"	11020	8810	8810	7710	7050	6390	6390	6170	6060	5950	4850	4290
9' 10"	7710	7050	7050	6830	6610	6170	6060	5950	5840	5070	4620	4180
13' 1"			5950	5730	5620	5510	5400	5290	5070	4400	4070	3960
16' 5"				3850	3850	3850	3850	3850	3850	3630	3410	3300
19' 8"					2860	2860	2860	2860	2750	2750	2640	2640
22' 12"						2200	2200	2200	2200	2200	2200	2200
26' 3"							1760	1760	1760	1760	1760	1760
29' 6"								1410	1410	1410	1410	1410
32' 10"									1100	1100	1100	1100
36' 1"										880	880	880
42' 8"											520	520
45' 7"												390
↑R[ft]	[lb]	LC650_V307_0326_C0J4 - LC650_V307_0326_C1J4										

CRANE PERFORMANCE: J3

L [ft]→	13' 1"	13' 3"	17' 9"	20' 12"	24' 3"	27' 7"	30' 10"	34' 1"	37' 5"	40' 8"	47' 3"	50' 6"
3' 3"	11020	8810	8810	8150	7490	6610	5950	5510	5510	5290	4180	3740
6' 7"	11020	8810	8810	7710	6610	6170	5730	5290	5070	5070	3960	3520
9' 10"	6610	6170	6170	5730	5290	5070	5070	4850	4850	4400	3740	3300
13' 1"			4400	4400	4180	3960	3960	3740	3520	3520	3300	3080
16' 5"				2970	2970	2970	2860	2860	2860	2750	2750	2750
19' 8"					2200	2200	2200	2200	1980	1980	1870	1870
22' 12"						1540	1540	1540	1540	1540	1540	1540
26' 3"							1100	1100	1100	1100	1100	1100
29' 6"								880	880	880	880	880
32' 10"									660	660	660	660
36' 1"										440	440	440
↑R[ft]	[lb]	LC650_V307_0326_C0J3 - LC650_V307_0326_C1J3										

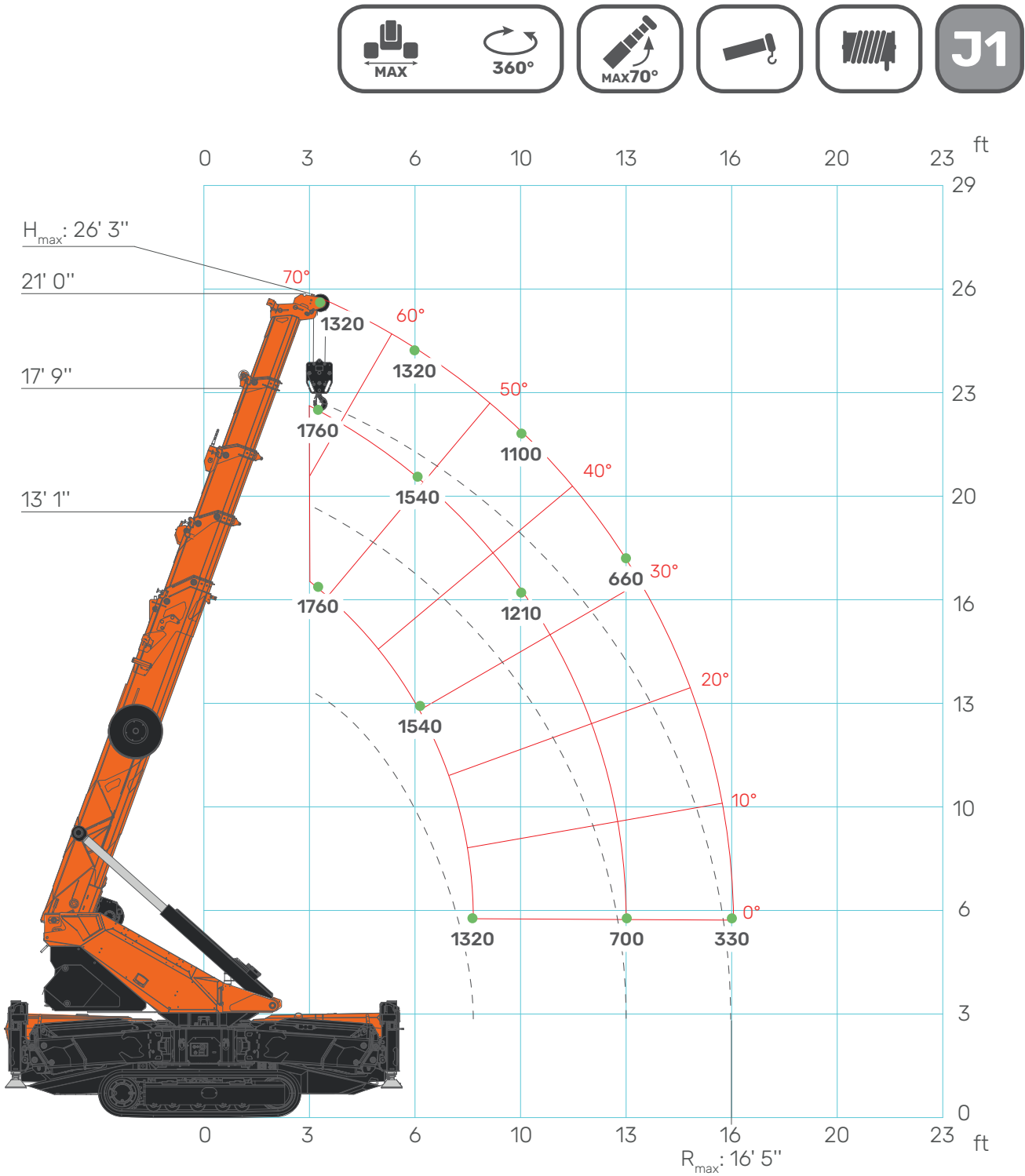
CRANE PERFORMANCE: J2

L [ft]→	13' 1"	13' 3"	17' 9"	20' 12"	24' 3"	27' 7"	30' 10"	34' 1"	37' 5"	40' 8"	47' 3"	50' 6"
3' 3"	11020	6610	6610	4400	4400	4400	3300	3300	3300	2860	2640	2640
6' 7"	8810	4400	4400	3300	2640	2640	2640	2640	2640	2200	2200	2200
9' 10"	4400	3300	3300	2640	2200	2200	2200	2200	2200	1980	1760	1760
13' 1"			2200	2090	1980	1760	1760	1760	1540	1540	1320	1320
16' 5"				1980	1760	1540	1540	1540	1430	1430	1320	1210
19' 8"					1540	1430	1430	1320	1320	1210	1100	880
22' 12"						1100	880	880	880	770	770	660
26' 3"							830	660	660	660	550	480
29' 6"								660	610	550	480	440
32' 10"									440	330	330	330
36' 1"										330	220	220
↑R[ft]	[lb]	LC650_V307_0326_C0J2 - LC650_V307_0326_C1J2										

SPX650

Main boom load chart - Pick & Carry

24.04.2026 | REV2.1





CRANE PERFORMANCE: J1
(Pick & Carry)

L [ft]→	13' 1"	17' 9"	20' 12"
3' 3"	1760	1760	1320
6' 7"	1540	1540	1320
9' 10"	1320	1210	1100
13' 1"		700	660
16' 5"			330
↑R[ft]	[lb]	LC650_V307_0326_C0J1 LC650_V307_0326_C1J1	

SPX650

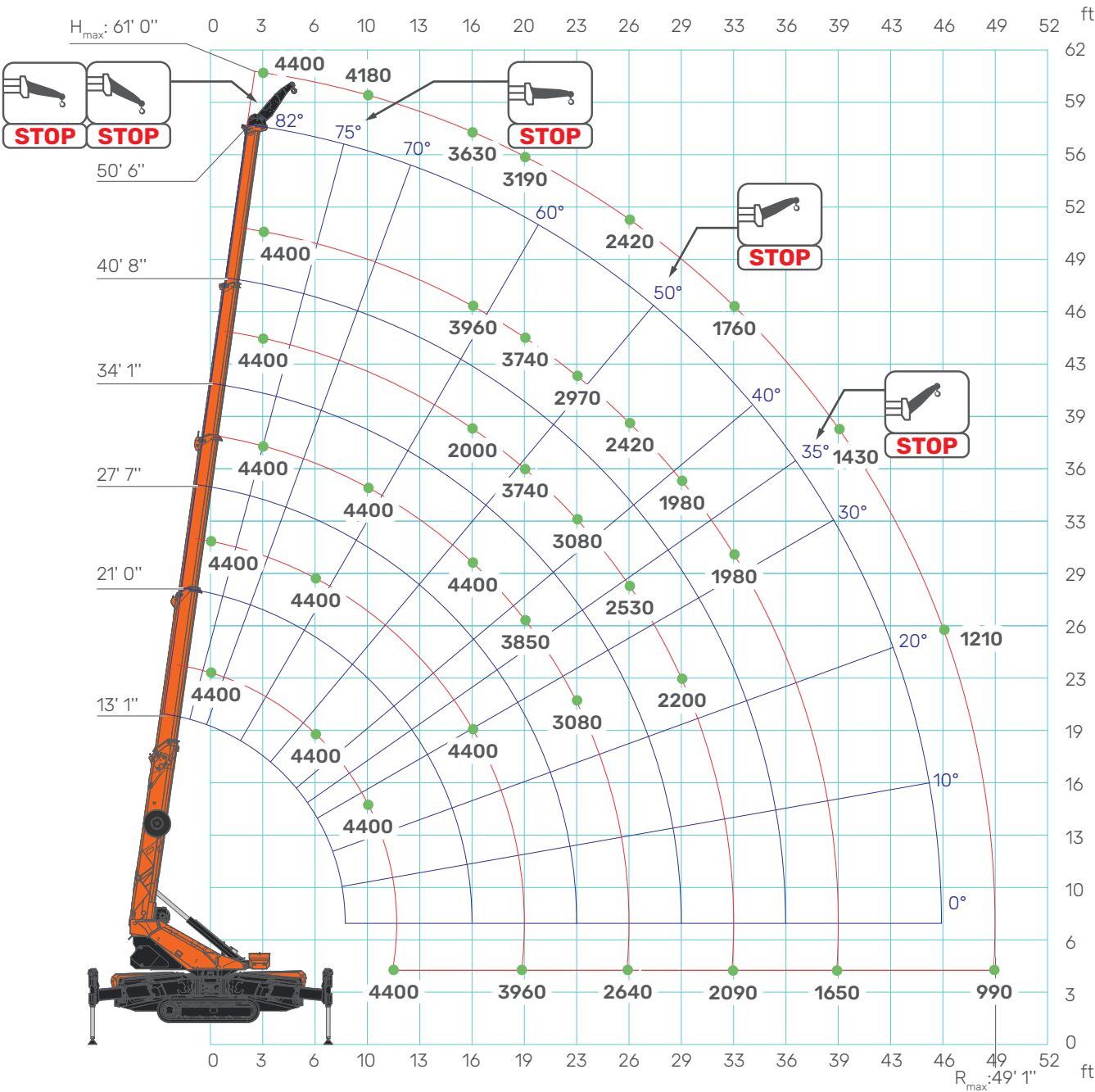
JIB2000GX load chart

24.04.2026 | REV2.1

JIB2000GX



J7



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

[lb]

CRANE PERFORMANCE: J7

L [ft]→	13' 1"	17' 9"	20' 12"	24' 3"	27' 7"	30' 10"	34' 1"	37' 5"	40' 8"	47' 3"	50' 6"
3' 3"	4400	4400	4400	4400	4400	4400	4400	4400	4400	4400	4400
6' 7"	4400	4400	4400	4400	4400	4400	4400	4400	4400	4400	4290
9' 10"	4400	4400	4400	4400	4400	4400	4400	4400	4400	4400	4180
13' 1"	4400	4400	4400	4400	4400	4400	4400	4400	4400	4070	3960
16' 5"		4400	4400	4400	4400	4400	4400	4180	3960	3740	3630
19' 8"			3960	3960	3850	3740	3740	3740	3740	3630	3190
22' 12"				3080	3080	3080	3080	2970	2970	2860	2860
26' 3"					2640	2640	2530	2530	2420	2420	2420
29' 6"						2200	2200	1980	1980	1980	1980
32' 10"							2090	1980	1980	1980	1760
36' 1"								1980	1980	1760	1540
39' 4"									1650	1650	1430
45' 11"										1210	1210
48' 11"											990
↑R[ft]	[lb]	LC650_V307_0326_C8J7									

CRANE PERFORMANCE: J6

L [ft]→	13' 1"	17' 9"	20' 12"	24' 3"	27' 7"	30' 10"	34' 1"	37' 5"	40' 8"	47' 3"	50' 6"
3' 3"	4400	4400	4400	4400	4400	4400	4400	4400	4400	4400	4400
6' 7"	4400	4400	4400	4400	4400	4400	4400	4400	4400	4400	4290
9' 10"	4400	4400	4400	4400	4400	4400	4400	4400	4400	4400	4180
13' 1"	4400	4400	4400	4400	4400	4400	4400	4400	4400	4070	3960
16' 5"		4400	4400	4400	4400	4400	4400	4180	3960	3740	3630
19' 8"			3960	3960	3850	3740	3740	3740	3740	3630	3190
22' 12"				3080	3080	3080	3080	2970	2970	2860	2860
26' 3"					2640	2640	2530	2530	2420	2420	2420
29' 6"						2200	2200	1980	1980	1980	1980
32' 10"							1760	1760	1760	1760	1760
36' 1"								1430	1430	1430	1430
39' 4"									1320	1320	1320
45' 11"										880	880
48' 11"											770
↑R[ft]	[lb]	LC650_V307_0326_C8J6									

CRANE PERFORMANCE: J5

L [ft]→	13' 1"	17' 9"	20' 12"	24' 3"	27' 7"	30' 10"	34' 1"	37' 5"	40' 8"	47' 3"	50' 6"
3' 3"	4400	4400	4400	4400	4400	4400	4400	4400	4180	3740	3630
6' 7"	4400	4400	4400	4400	4400	4400	4400	4400	4180	3740	3630
9' 10"	4400	4400	4400	4400	4400	4400	4400	4400	4180	3740	3630
13' 1"	4400	4400	4400	4400	4400	4400	4400	4400	4180	3740	3630
16' 5"		4400	4400	4400	4400	4400	4180	4180	3960	3740	3630
19' 8"			3300	3300	3300	3300	3300	3080	3080	2860	2860
22' 12"				2640	2640	2640	2640	2640	2640	2640	2640
26' 3"					1980	1980	1980	1980	1980	1980	1980
29' 6"						1650	1650	1650	1650	1650	1650
32' 10"							1320	1320	1320	1320	1320
36' 1"								1100	1100	1100	1100
39' 4"									880	880	880
45' 11"										570	570
48' 11"											480
↑R[ft]	[lb]	LC650_V307_0326_C8J5									

CRANE PERFORMANCE: J4

L [ft]→	13' 1"	17' 9"	20' 12"	24' 3"	27' 7"	30' 10"	34' 1"	37' 5"	40' 8"	47' 3"	50' 6"
3' 3"	4400	4400	4400	4400	4400	4400	4180	4180	3960	3080	2640
6' 7"	4400	4400	4400	4400	4400	4400	4180	4180	3960	2860	2420
9' 10"	4400	4400	4400	4400	4400	4400	4180	3960	3630	2640	2420
13' 1"	4400	4400	4400	4400	4400	4400	3960	3960	3630	2640	2420
16' 5"		3960	3630	3630	3410	2970	2860	2860	2750	2640	2420
19' 8"			2750	2640	2640	2420	2420	2420	2200	1980	1980
22' 12"				2090	1980	1980	1980	1980	1980	1760	1760
26' 3"					1650	1650	1650	1540	1540	1540	1430
29' 6"						1320	1320	1320	1320	1320	1320
32' 10"							1050	1050	1050	1050	1050
36' 1"								830	830	830	830
39' 4"									660	660	660
45' 11"										330	330
48' 11"											260
↑R[ft]	[lb]	LC650_V307_0326_C8J4									

CRANE PERFORMANCE: J3

L [ft]→	13' 1"	17' 9"	20' 12"	24' 3"	27' 7"	30' 10"	34' 1"	37' 5"	40' 8"	47' 3"	50' 6"
3' 3"	4400	4400	4400	4400	4400	4180	3740	3520	3300	2640	2420
6' 7"	4400	4400	4400	4400	4400	3740	3300	3300	3080	2420	2200
9' 10"	4400	4400	4400	4400	3740	3300	3080	3080	2860	2310	2200
13' 1"	3300	3300	3190	3190	3080	2970	2860	2750	2640	2200	1980
16' 5"		2640	2640	2640	2640	2420	2420	2200	2200	1760	1540
19' 8"			1870	1870	1870	1870	1760	1760	1760	1540	1320
22' 12"				1430	1430	1430	1320	1320	1320	1210	1100
26' 3"					1100	1100	1100	1100	1100	880	880
29' 6"						830	830	790	790	700	700
32' 10"							660	660	660	550	550
36' 1"								440	440	440	440
39' 4"									260	260	260
↑R[ft]	[lb]	LC650_V307_0326_C8J3									

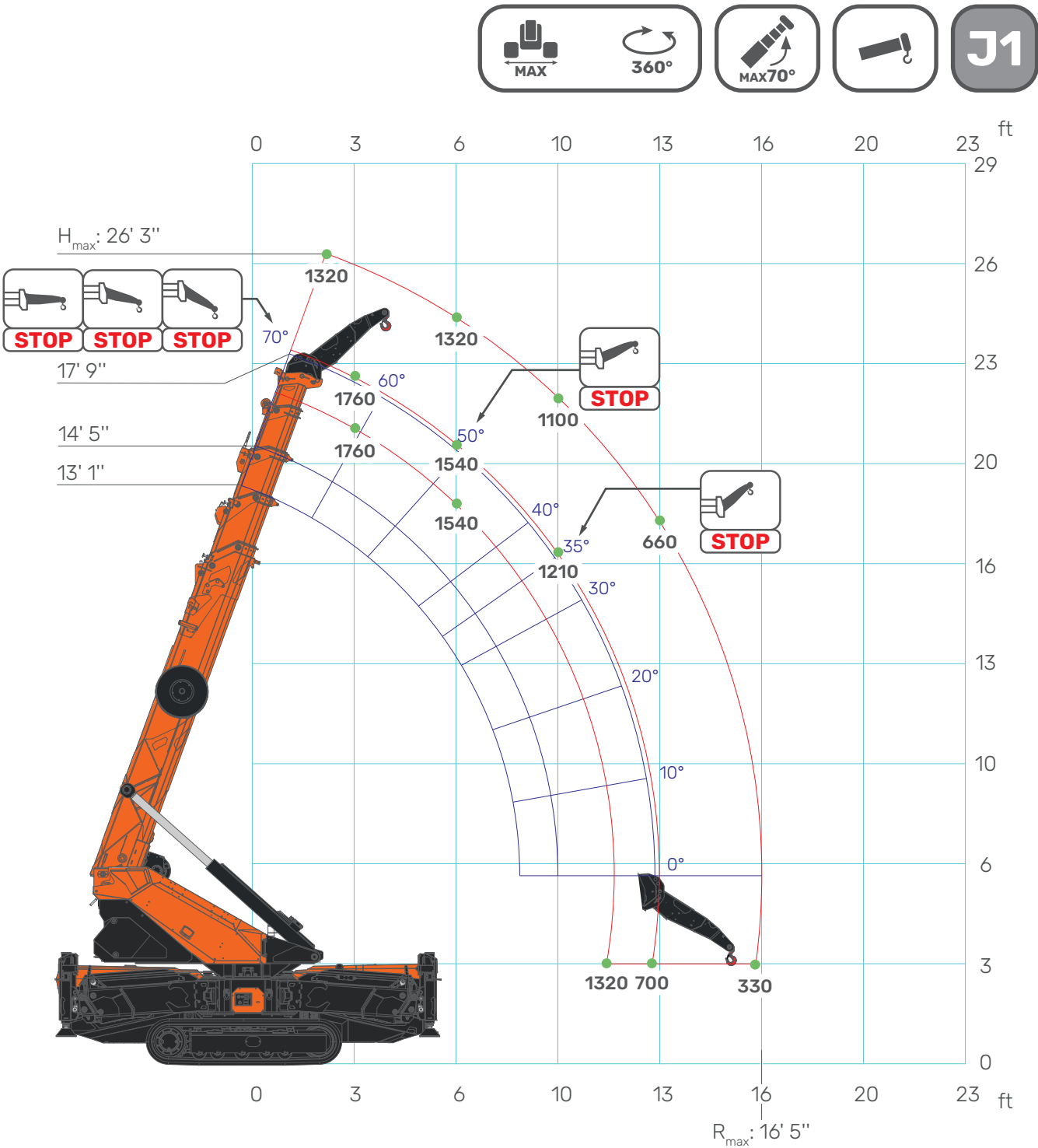
CRANE PERFORMANCE: J2

L [ft]→	13' 1"	17' 9"	20' 12"	24' 3"	27' 7"	30' 10"	34' 1"	37' 5"	40' 8"	47' 3"	50' 6"
3' 3"	4400	4400	4400	4400	4400	3300	3300	3300	2860	2200	1980
6' 7"	4400	4400	3300	2640	2640	2640	2640	2640	2200	1980	1760
9' 10"	4400	3300	2640	2200	2200	2200	2200	2200	1980	1760	1540
13' 1"	2200	2200	2090	1980	1760	1760	1760	1540	1540	1210	1100
16' 5"		1980	1980	1760	1540	1540	1540	1430	1430	1100	990
19' 8"			1540	1540	1430	1430	1320	1320	1100	880	660
22' 12"				1100	1100	880	880	880	770	660	520
26' 3"					830	830	660	660	660	480	390
29' 6"						590	550	550	550	440	330
32' 10"							330	330	330	260	260
36' 1"								220	220	220	220
↑R[ft]	[lb]	LC650_V307_0326_C8J2									

SPX650

JIB2000GX load chart- Pick & Carry

24.04.2026 | REV2.1



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

[lb]



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

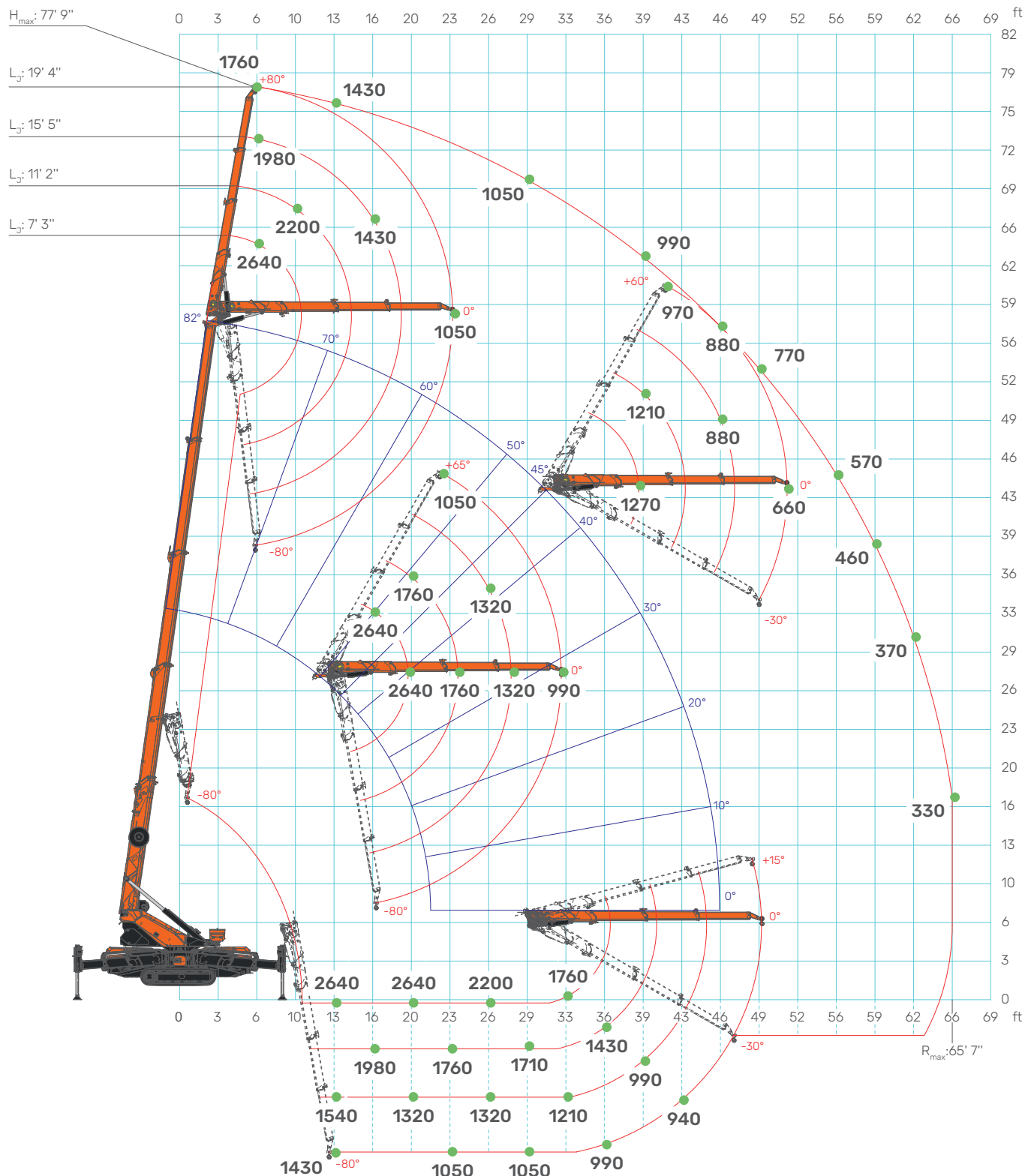
L [ft]→	13' 1"	14' 5"	17' 9"
3' 3"	1760	1760	1320
6' 7"	1540	1540	1320
9' 10"	1320	1210	1100
13' 1"		700	660
16' 5"			330
↑R[ft]	[lb]	LC650_V307_0326_ C8J1	

SPX650

JIB1200.3HX load chart

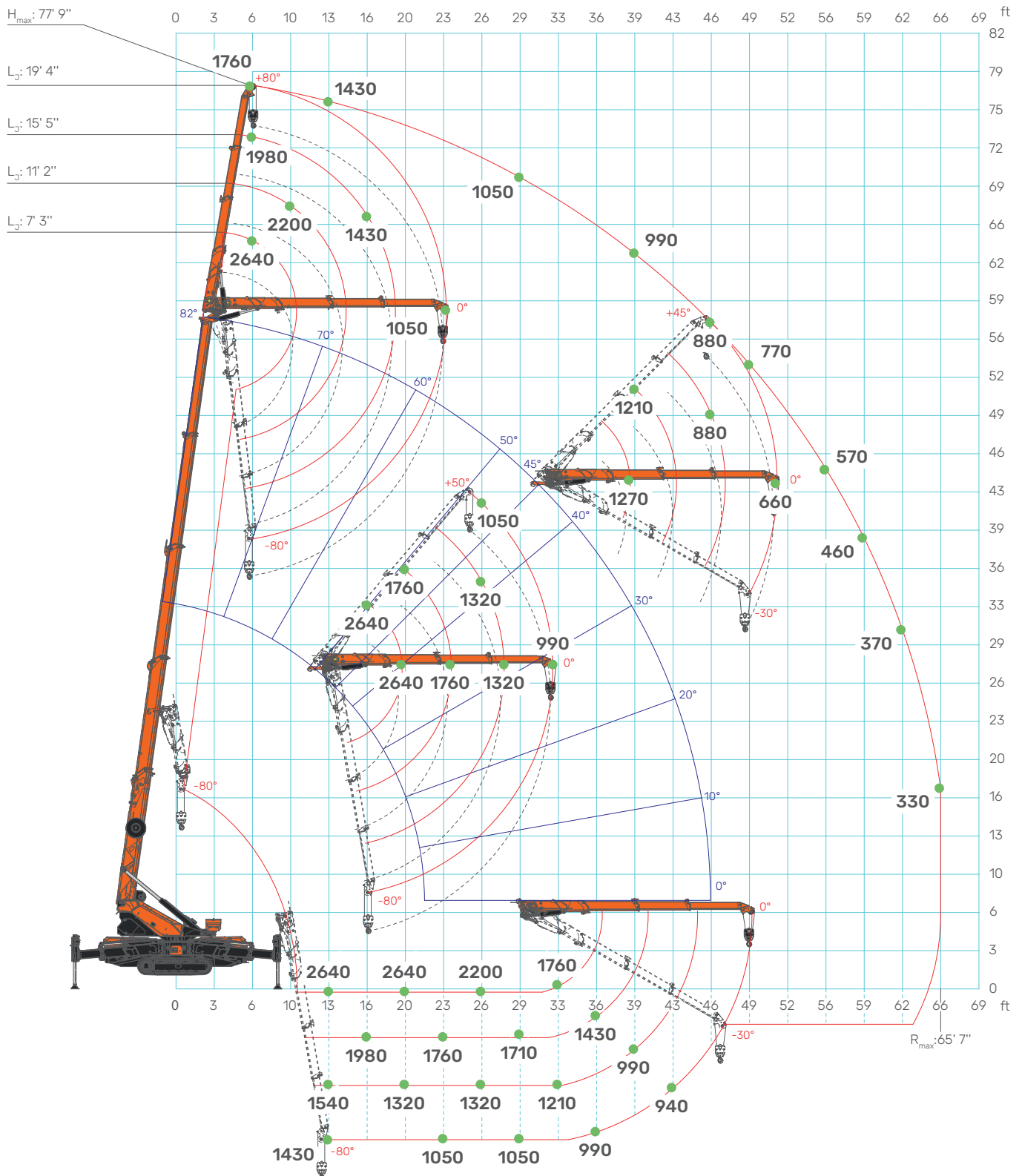
24.04.2026 | REV2.1

JIB1200.3HX



*Over 29' main boom radius, the minimum jib angle is limited at -30°

[lb]



[lb]

*Over 29' main boom radius, the minimum jib angle is limited at -30°

CRANE PERFORMANCE: **J7**

L _j [ft]→	7' 3"	11' 2"	15' 5"	19' 4"
3' 3"	2640	2200	1980	1760
6' 7"	2640	2200	1980	1760
9' 10"	2640	2200	1760	1650
13' 1"	2640	2200	1540	1430
16' 5"	2640	1980	1430	1210
19' 8"	2640	1760	1320	1050
22' 12"	2640	1760	1320	1050
26' 3"	2200	1760	1320	1050
29' 6"	1980	1710	1320	1050
32' 10"	1760	1580	1210	990
36' 1"	1430	1430	1210	990
39' 4"	1270	1210	990	990
42' 8"	1010	990	990	940
45' 11"	790	880	880	880
49' 3"	610	660	700	770
52' 6"	440	550	610	680
55' 9"		440	500	570
59' 1"			390	460
62' 4"				370
65' 7"				330
↑R[ft]	[lb]	LC650_V307_0326_C16J7 - LC650_V307_0326_C17J7		

CRANE PERFORMANCE: J6

L _j [ft]→	7' 3"	11' 2"	15' 5"	19' 4"
3' 3"	2640	2200	1980	1760
6' 7"	2640	2200	1980	1760
9' 10"	2640	2200	1760	1650
13' 1"	2640	2200	1540	1430
16' 5"	2640	1980	1430	1210
19' 8"	2640	1760	1320	1050
22' 12"	2640	1760	1320	1050
26' 3"	2200	1760	1320	1050
29' 6"	1690	1650	1320	1050
32' 10"	1270	1270	1210	990
36' 1"	940	970	990	990
39' 4"	790	880	920	990
42' 8"	610	660	720	790
45' 11"	440	500	550	610
49' 3"	280	350	440	480
52' 6"		260	330	390
55' 9"			220	280
59' 1"				220
↑R[ft]	[lb]	LC650_V307_0326_C16J6 - LC650_V307_0326_C17J6		

CRANE PERFORMANCE: J5

L _j [ft]→	7' 3"	11' 2"	15' 5"	19' 4"
3' 3"	2640	2200	1980	1760
6' 7"	2640	2200	1980	1760
9' 10"	2640	2200	1760	1540
13' 1"	2640	2200	1320	1210
16' 5"	2640	1980	1270	1100
19' 8"	2420	1760	1210	920
22' 12"	1760	1760	1190	920
26' 3"	1320	1320	1140	880
29' 6"	1030	1030	990	880
32' 10"	720	720	720	720
36' 1"	480	480	480	480
39' 4"	260	260	260	260
↑R[ft]	[lb]	LC650_V307_0326_C16J5 - LC650_V307_0326_C17J5		

CRANE PERFORMANCE: J4

L _j [ft]→	7' 3"	11' 2"	15' 5"	19' 4"
3' 3"	2640	2200	1760	1410
6' 7"	2640	2200	1540	1320
9' 10"	2640	2200	1140	1100
13' 1"	2640	2200	1050	1050
16' 5"	2200	1980	990	990
19' 8"	1870	1760	990	880
22' 12"	1320	1320	990	830
26' 3"	1030	990	880	770
29' 6"	700	700	660	660
32' 10"	440	440	440	440
36' 1"	220	220	220	220
↑R[ft]	[lb]	LC650_V307_0326_C16J4 - LC650_V307_0326_C17J4		



CRANE PERFORMANCE: J3

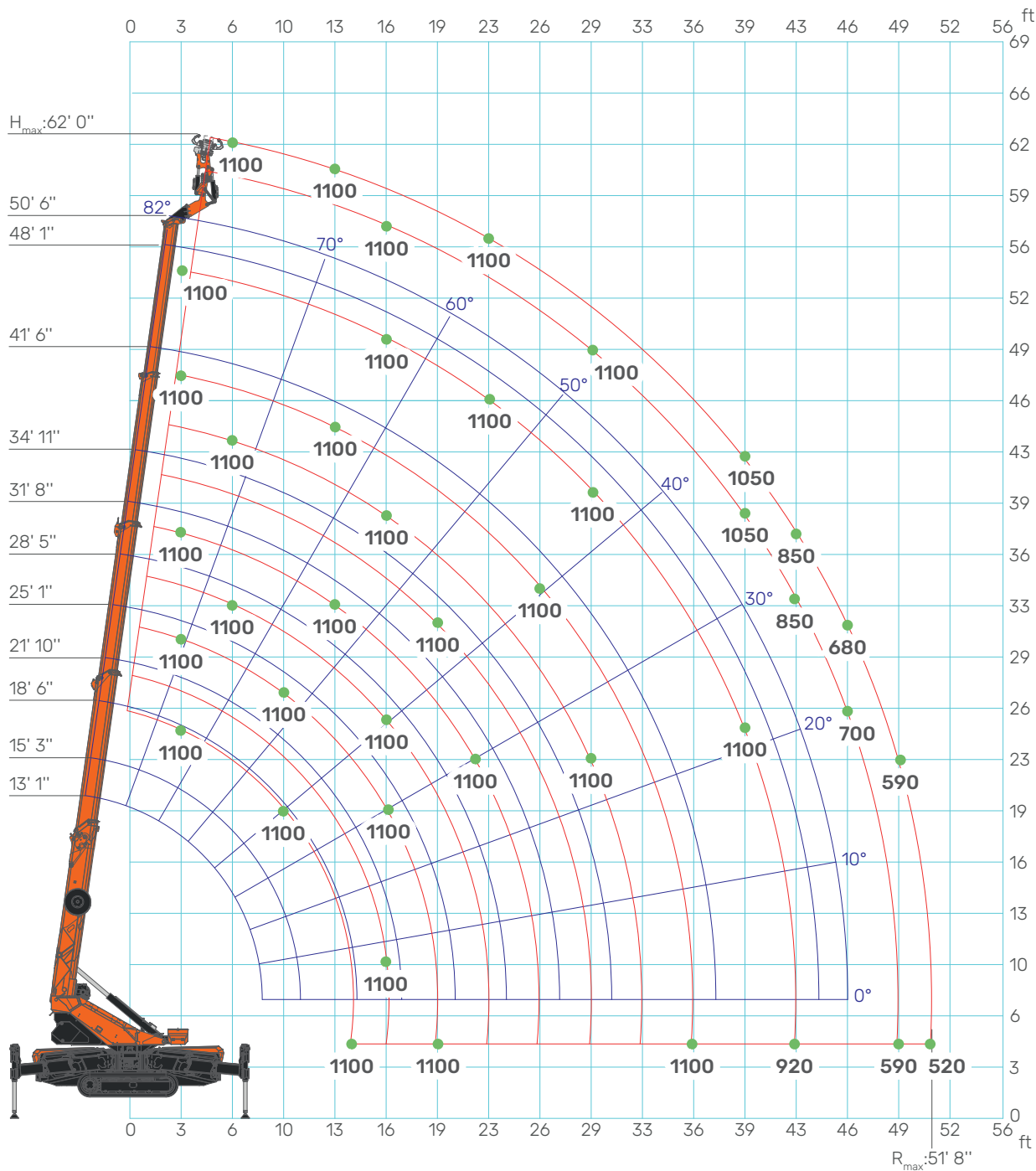
L _j [ft]→	7' 3"	11' 2"	15' 5"	19' 4"
3' 3"	2640	2200	1540	1210
6' 7"	2640	2200	1340	1140
9' 10"	2200	1980	990	940
13' 1"	1980	1540	920	900
16' 5"	1430	1100	850	850
19' 8"	920	880	770	740
22' 12"	590	570	550	550
26' 3"	330	330	330	330
↑R[ft]	[lb]	LC650_V307_0326_C16J3 - LC650_V307_0326_C17J3		

SPX650

JIB500GR load chart

24.04.2026 | REV2.1

JIB500GR



CRANE PERFORMANCE: J7

L [ft]→	13' 1"	15' 3"	18' 6"	21' 10"	25' 1"	28' 5"	31' 8"	34' 11"	38' 3"	41' 6"	44' 9"	48' 1"	50' 6"
3' 3"	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100
16' 5"	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
22' 12"				1100	1100	1100	1100	1100	1100	1100	1100	1100	1100
26' 3"					1100	1100	1100	1100	1100	1100	1100	1100	1100
29' 6"						1100	1100	1100	1100	1100	1100	1100	1100
32' 10"							1100	1100	1100	1100	1100	1100	1100
36' 1"								1100	1100	1100	1100	1100	1100
39' 4"									1100	1100	1050	1050	1050
42' 8"										920	880	850	850
45' 11"											740	700	680
49' 3"												590	590
51' 8"													520
↑R[ft]	[lb]	LC650_V307_0326_C24J7											

CRANE PERFORMANCE: J6

L [ft]→	13' 1"	15' 3"	18' 6"	21' 10"	25' 1"	28' 5"	31' 8"	34' 11"	38' 3"	41' 6"	44' 9"	48' 1"	50' 6"
3' 3"	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100
16' 5"	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
22' 12"				1100	1100	1100	1100	1100	1100	1100	1100	1100	1100
26' 3"					1100	1100	1100	1100	1100	1100	1100	1100	1100
29' 6"						1100	1100	1100	1100	1100	1100	1100	1100
32' 10"							1100	1100	1100	1100	1100	1100	1100
36' 1"								1010	970	940	920	920	920
39' 4"									770	720	700	680	680
42' 8"										570	520	500	500
↑R[m]	[lb]	LC650_V307_0326_C24J6											

CRANE PERFORMANCE: J5

L [ft]→	13' 1"	15' 3"	18' 6"	21' 10"	25' 1"	28' 5"	31' 8"	34' 11"	38' 3"	41' 6"	44' 9"	48' 1"	50' 6"
3' 3"	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100
16' 5"	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
22' 12"				1100	1100	1100	1100	1100	1100	1100	1100	1100	1100
26' 3"					1100	1100	1100	1100	1100	1100	1100	1100	1100
29' 6"						1100	1100	1080	1050	1050	1050	1030	1010
32' 10"							850	810	770	770	740	740	740
36' 1"								610	570	520	520	520	520
↑R[ft]	[lb]	LC650_V307_0326_C24J5											

CRANE PERFORMANCE: J4

L [ft]→	13' 1"	15' 3"	18' 6"	21' 10"	25' 1"	28' 5"	31' 8"	34' 11"	38' 3"	41' 6"	44' 9"	48' 1"	50' 6"
3' 3"	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100
16' 5"	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
22' 12"				1100	1100	1100	1100	1100	1100	1100	1100	1100	1100
26' 3"					1100	1100	1100	1080	1080	1080	1030	990	970
29' 6"						850	810	770	740	740	740	700	680
32' 10"							590	550	500	500	480	480	480
↑R[ft]	[lb]	LC650_V307_0326_C24J4											



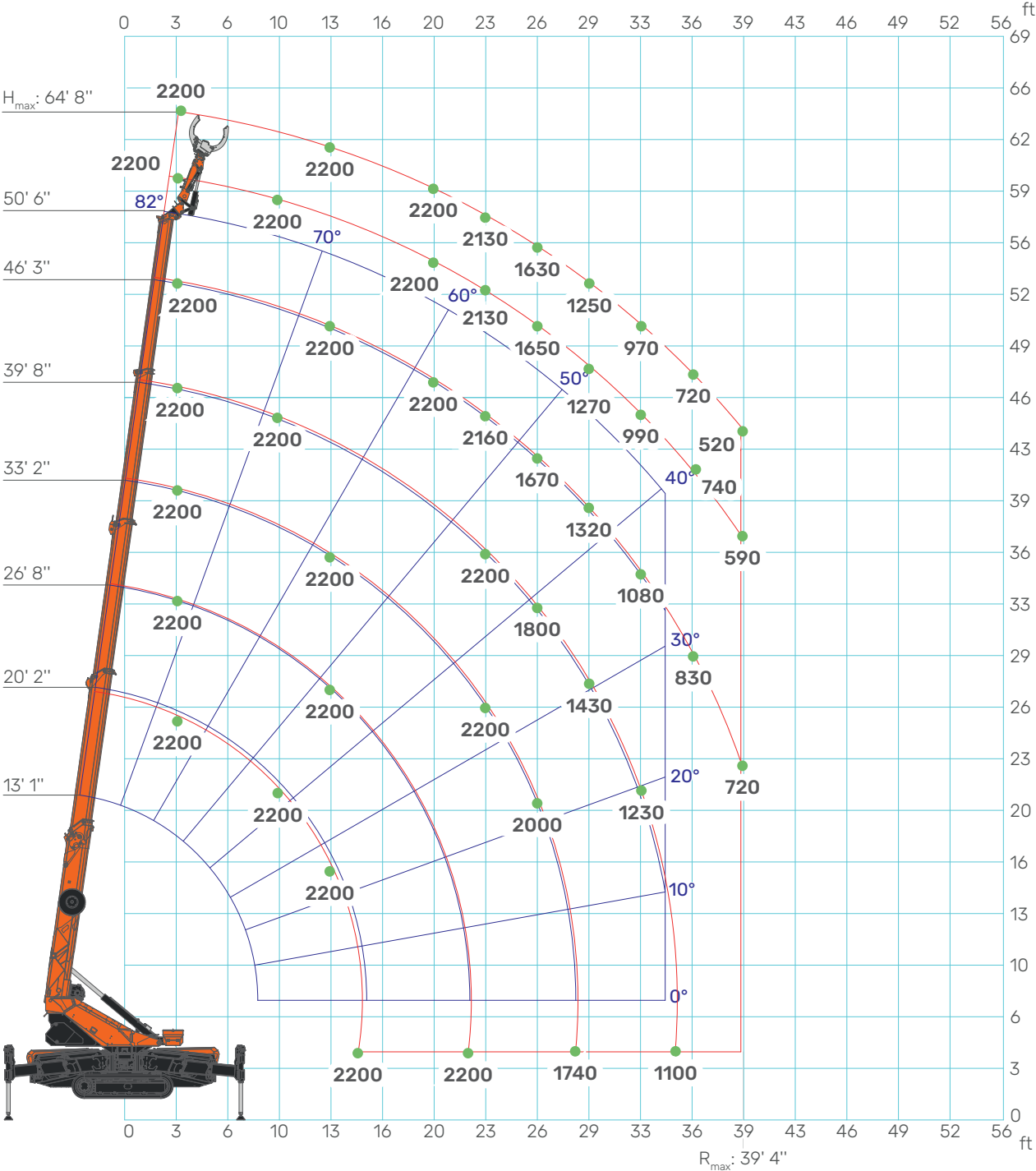
CRANE PERFORMANCE: J3							
L [ft]→	13' 1"	15' 3"	18' 6"	21' 10"	25' 1"	28' 5"	29' 6"
3' 3"	1100	1100	1100	1100	1100	1100	1100
13' 1"	1100	1100	1100	1100	1100	1100	1100
16' 5"		1100	1100	1100	1100	1100	1100
19' 8"			1030	1030	1030	1030	1030
22' 12"				1030	1030	990	990
26' 3"					740	680	630
29' 6"						460	440
32' 10"	[lb]	LC650_V307_0326_C24J3					

SPX650

JIB1000GR load chart

24.04.2026 | REV2.1

JIB1000GR



CRANE PERFORMANCE: J7

L [ft]→	13' 1"	16' 10"	20' 2"	23' 5"	26' 8"	29' 12"	33' 3"	36' 7"	39' 10"	43' 1"	46' 5"	49' 8"	50' 6"
3' 3"	2200	2200	2200	2200	2200	2200	2200	2200	2200	2200	2200	2200	2200
16' 5"	2200	2200	2200	2200	2200	2200	2200	2200	2200	2200	2200	2200	2200
19' 8"		2200	2200	2200	2200	2200	2200	2200	2200	2200	2200	2200	2200
22' 12"			2200	2200	2200	2200	2200	2160	2160	2130	2130	2130	2130
26' 3"				2180	2000	1820	1800	1690	1670	1650	1650	1650	1630
29' 6"					1740	1580	1430	1380	1320	1300	1270	1270	1250
32' 10"						1380	1230	1100	1080	1010	990	970	970
36' 1"							1100	970	830	810	740	720	720
38' 9"								850	720	610	590	550	520
↑R[ft]	[lb]	LC650_V3070326_C25J7											

CRANE PERFORMANCE: J6

L [ft]→	13' 1"	16' 10"	20' 2"	23' 5"	26' 8"	29' 12"	33' 3"	36' 7"	39' 10"	43' 1"	46' 5"	49' 8"	50' 6"
3' 3"	2200	2200	2200	2200	2200	2200	2200	2200	2200	2200	2200	2200	2200
16' 5"	2200	2200	2200	2200	2200	2200	2200	2200	2200	2200	2200	2200	2200
19' 8"		2200	2200	2200	2200	2200	2200	2200	2200	2200	2200	2200	2200
22' 12"			2200	2200	2200	2200	2200	2160	2160	2130	2130	2130	2130
26' 3"				2180	2000	1820	1800	1690	1670	1650	1650	1650	1630
29' 6"					1740	1580	1430	1380	1320	1300	1270	1270	1230
32' 10"						1380	1230	1100	1080	1010	990	970	940
36' 1"							1100	940	810	790	720	700	700
38' 9"								830	700	570	550	500	480
↑R[ft]	[lb]	LC650_V3070326_C25J6											

CRANE PERFORMANCE: J5

L [ft]→	13' 1"	16' 10"	20' 2"	23' 5"	26' 8"	29' 12"	33' 3"	36' 7"	39' 10"	43' 1"	46' 5"	49' 8"	50' 6"
3' 3"	2200	2200	2200	2200	2200	2200	2200	2200	2200	2200	2200	2200	2200
16' 5"	2200	2200	2200	2200	2200	2200	2200	2200	2200	2200	2200	2200	2200
19' 8"		2200	2200	2200	2200	2200	2200	2270	2160	2070	1980	1890	1850
22' 12"			2200	2130	1910	1870	1740	1670	1580	1490	1430	1360	1320
26' 3"				1740	1540	1340	1300	1210	1160	1080	1010	970	920
29' 6"					1270	1100	920	900	810	790	720	680	630
32' 2"						920	770	610	590	520	500	440	390
↑R[ft]	[lb]	LC650_V307_0326_C25J5											

CRANE PERFORMANCE: J4

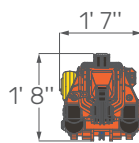
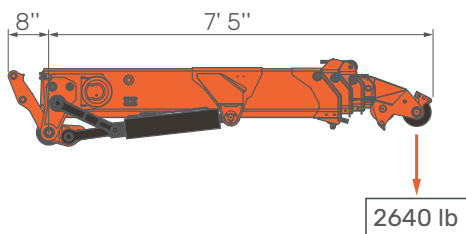
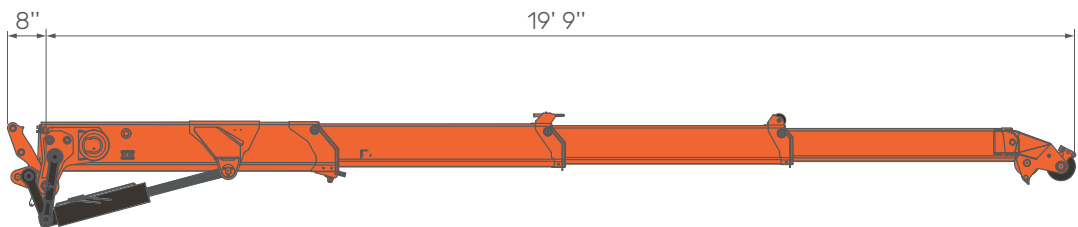
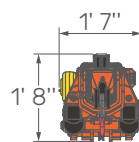
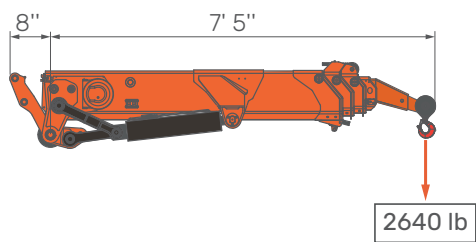
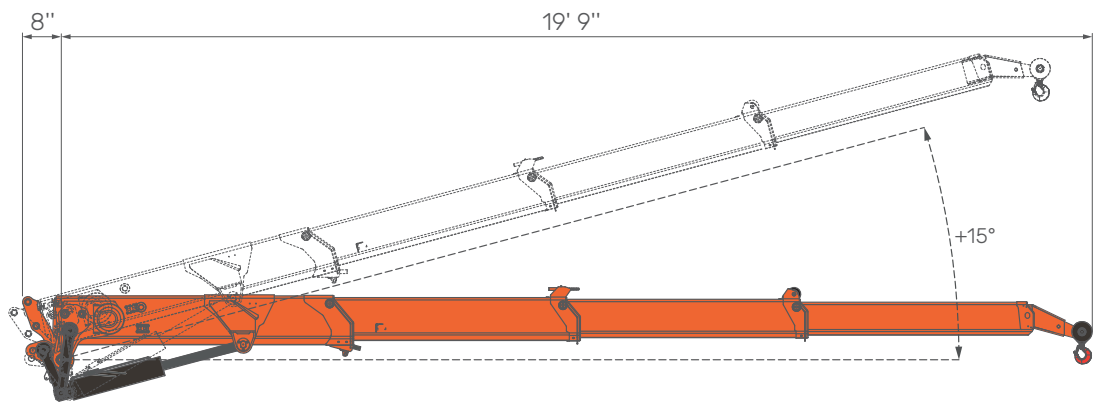
L [ft]→	13' 1"	16' 10"	20' 2"	23' 5"	26' 8"	29' 12"	33' 3"	36' 7"	39' 10"	43' 1"
3' 3"	2200	2200	2200	2200	2200	2200	2200	2200	2200	2200
16' 5"	2200	2200	2200	2200	2200	2200	2200	2200	2200	2200
19' 8"		2200	2200	2160	2110	1960	1820	1690	1600	1520
22' 12"			1910	1670	1450	1410	1300	1210	1120	1050
26' 3"				1360	1160	990	940	850	790	700
28' 10"					970	790	630	590	520	460
↑R[ft]	[lb]	LC650_V307_0326_C25J4								



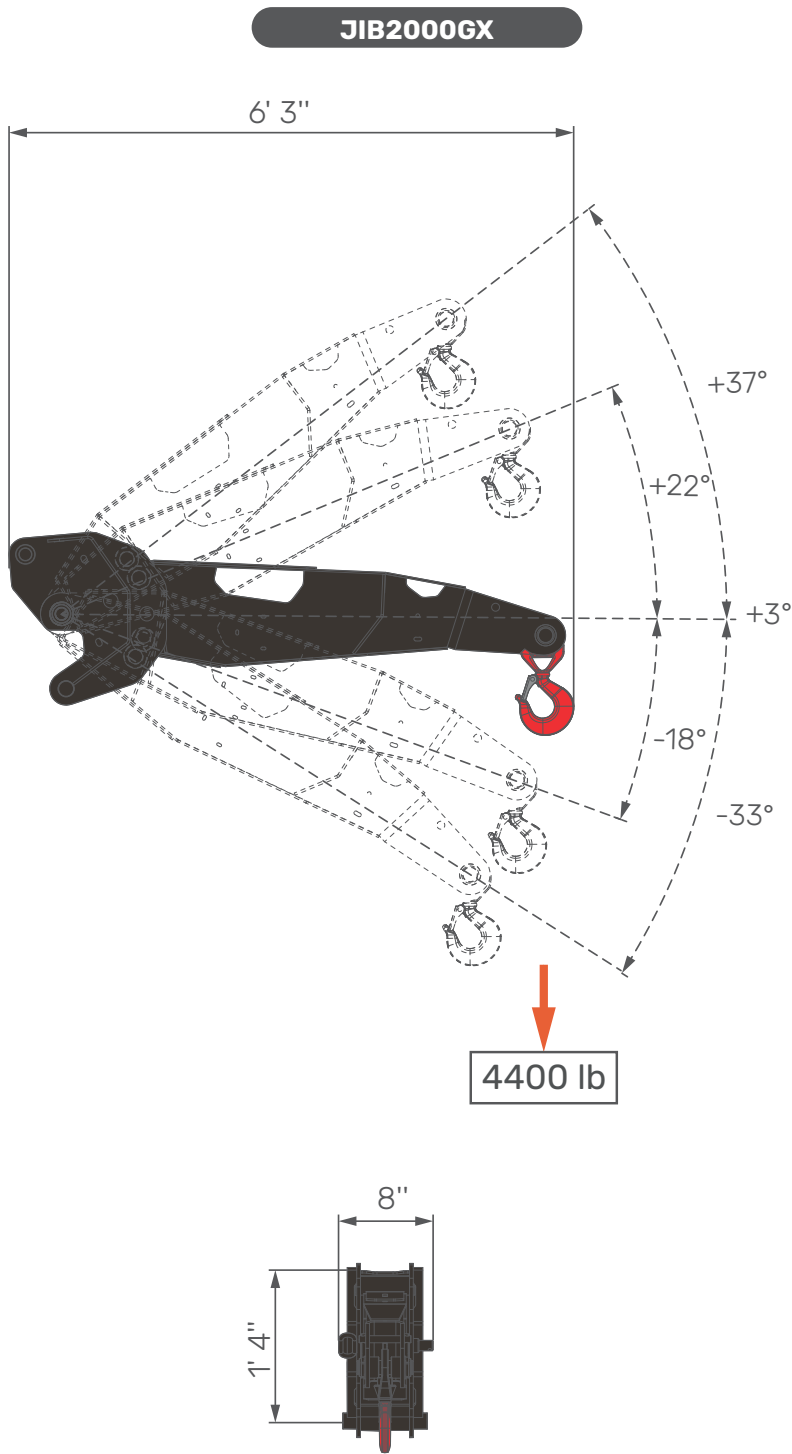
CRANE PERFORMANCE: J3							
L [ft]→	13' 1"	16' 10"	20' 2"	23' 5"	26' 8"	29' 12"	33' 3"
3' 3"	2200	2200	2200	2200	2200	2200	2200
13' 1"	2200	2200	2200	2200	2200	2200	2200
16' 5"	2200	2200	2180	2070	1870	1690	1560
19' 8"		1890	1630	1360	1320	1160	1030
22' 12"			1270	1050	850	810	680
25' 7"				850	660	480	460
↑R[ft]	[lb]	LC650_V307_0326_C25J3					

ACCESSORIES

JIB1200.3HX



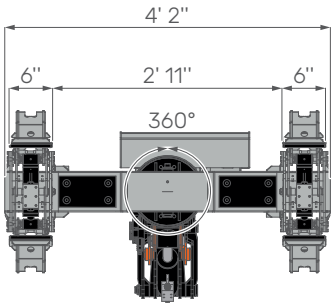
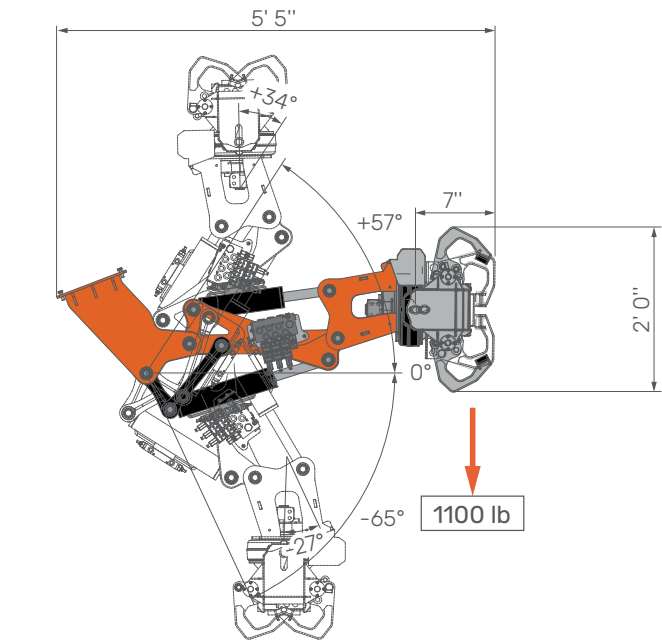
WEIGHT				
		JIB	JIB1200.3HX	lb 900



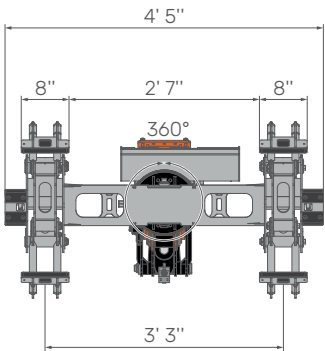
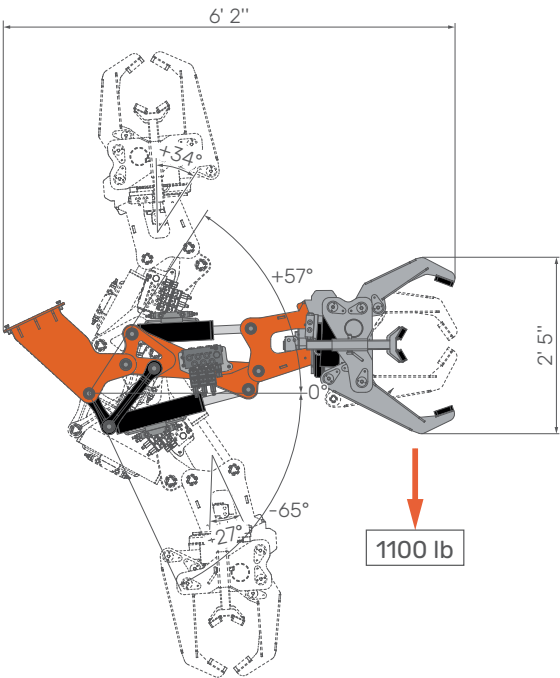
WEIGHT				
		JIB	JIB2000GX	lb
				110

JIB500GR

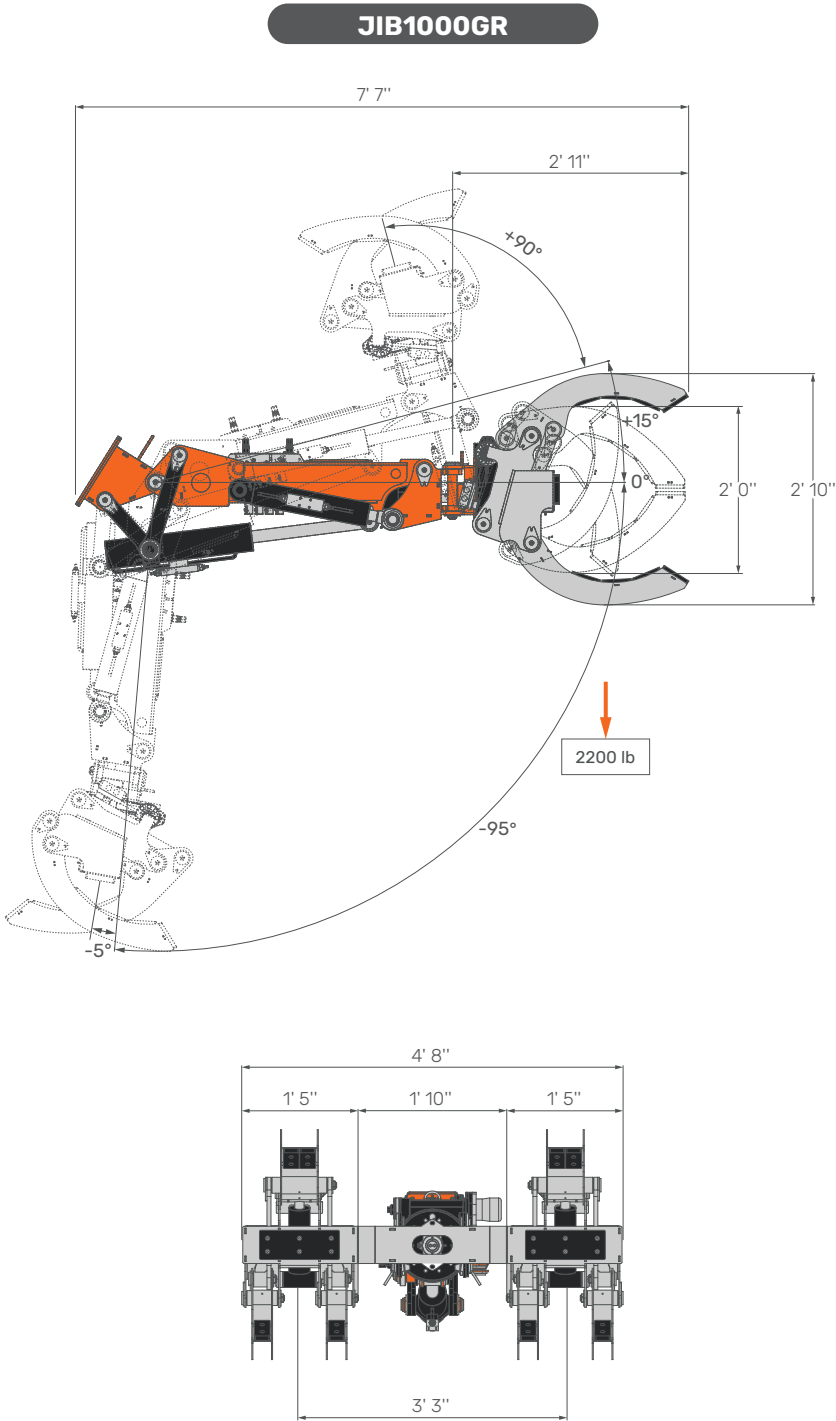
BEAMS



PIPES



WEIGHT		JIB	JIB500GR	Beams configuration	lb	500
				Pipes configuration		500
				Adapter		80



WEIGHT		JIB		
		JIB1000GR	lb	380

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
	External Battery Charger						
	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.



Jekko s.r.l.

Via Campardone, 1 - 31014 Colle Umberto (TV) - Italy
info@jekko.it - www.jekko-cranes.com

SERIAL NUMBER:



24.04.2026 | REV2.1