



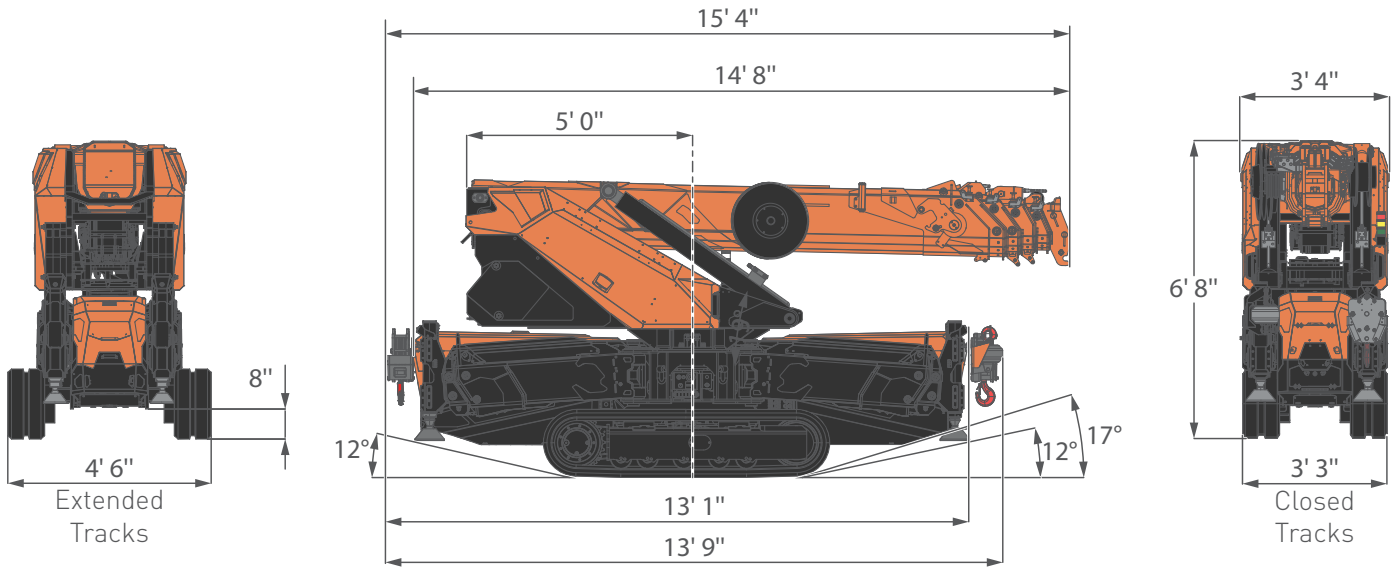
# Technical Data

Specification & Capacities

# SPX650

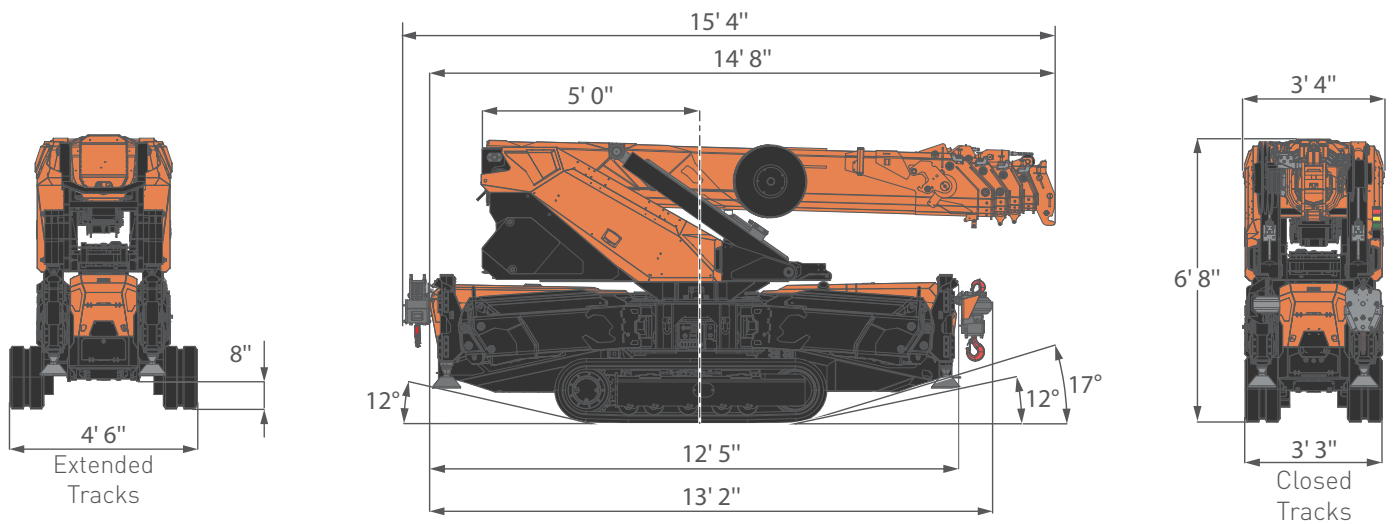
## OVERALL DIMENSIONS

### SPX650CL-2



## OVERALL DIMENSIONS

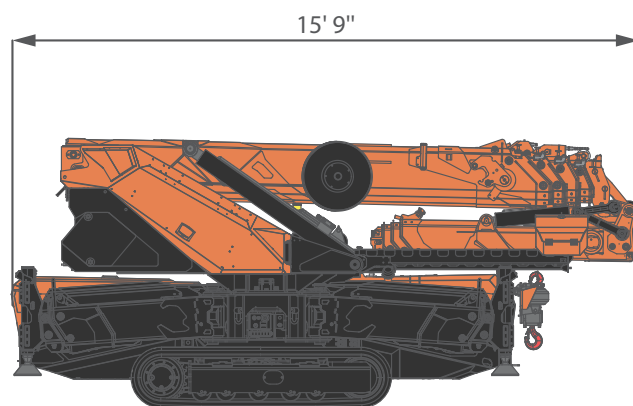
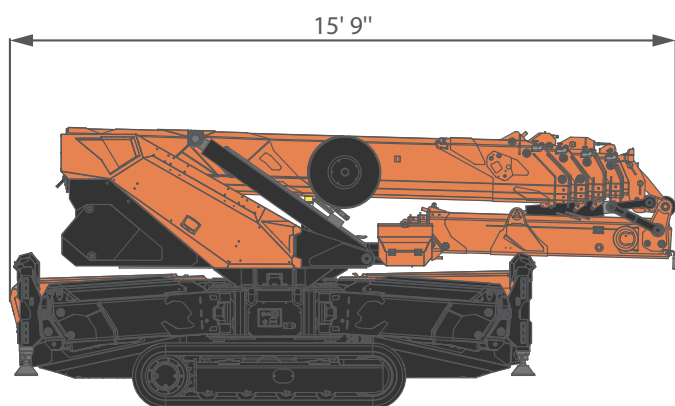
### SPX650CDH



**OVERALL DIMENSIONS**  
**JIB MOUNTED ON MAIN BOOM**

**SPX650CL-2**

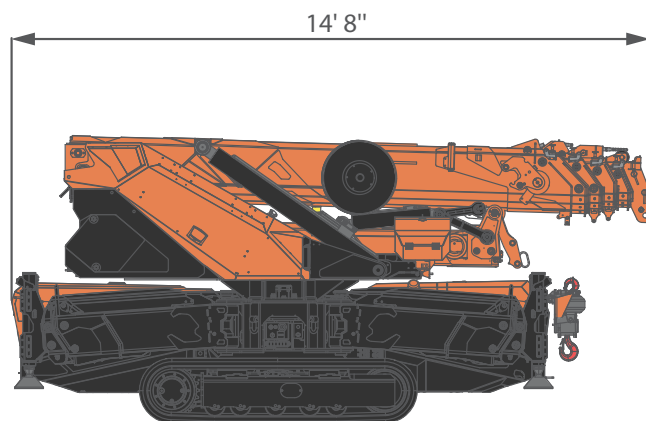
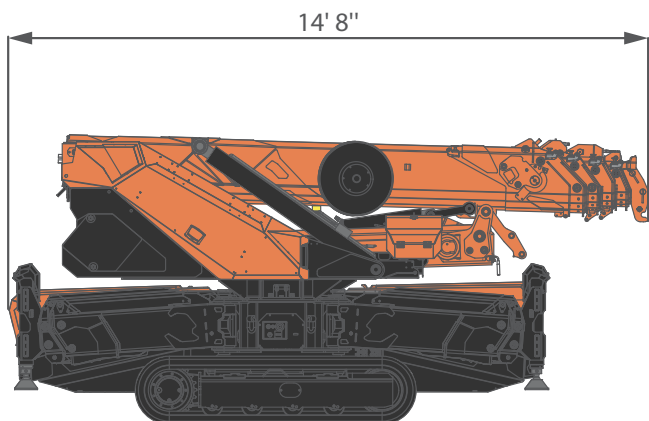
**SPX650CDH**



**OVERALL DIMENSIONS**  
**JIB STOWED ON THE COLUMN**

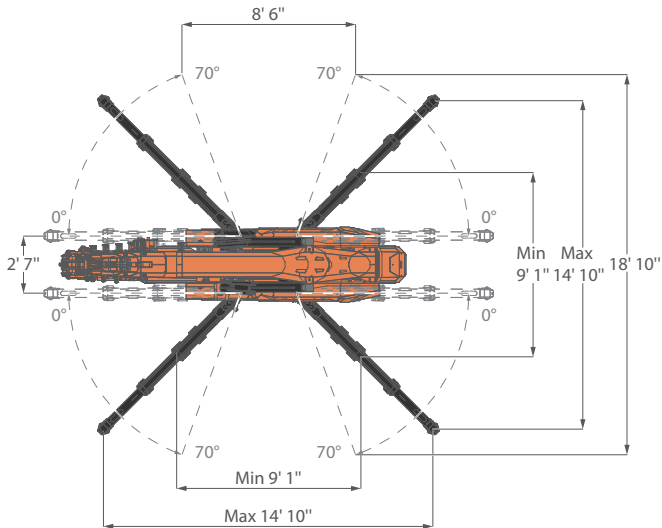
**SPX650CL-2**

**SPX650CDH**

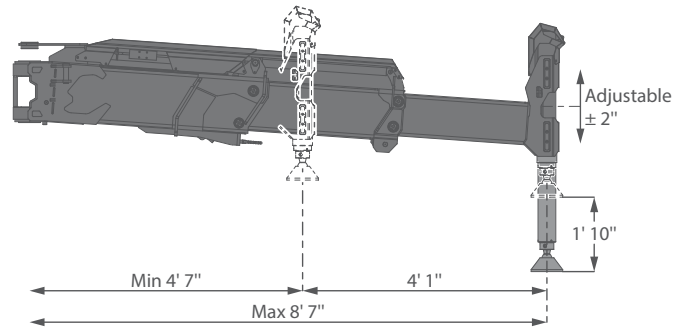


## OVERALL DIMENSIONS

### STABILITY DIMENSIONS



### JIB TILTING PULLEY HEAD



## CRANE PERFORMANCE

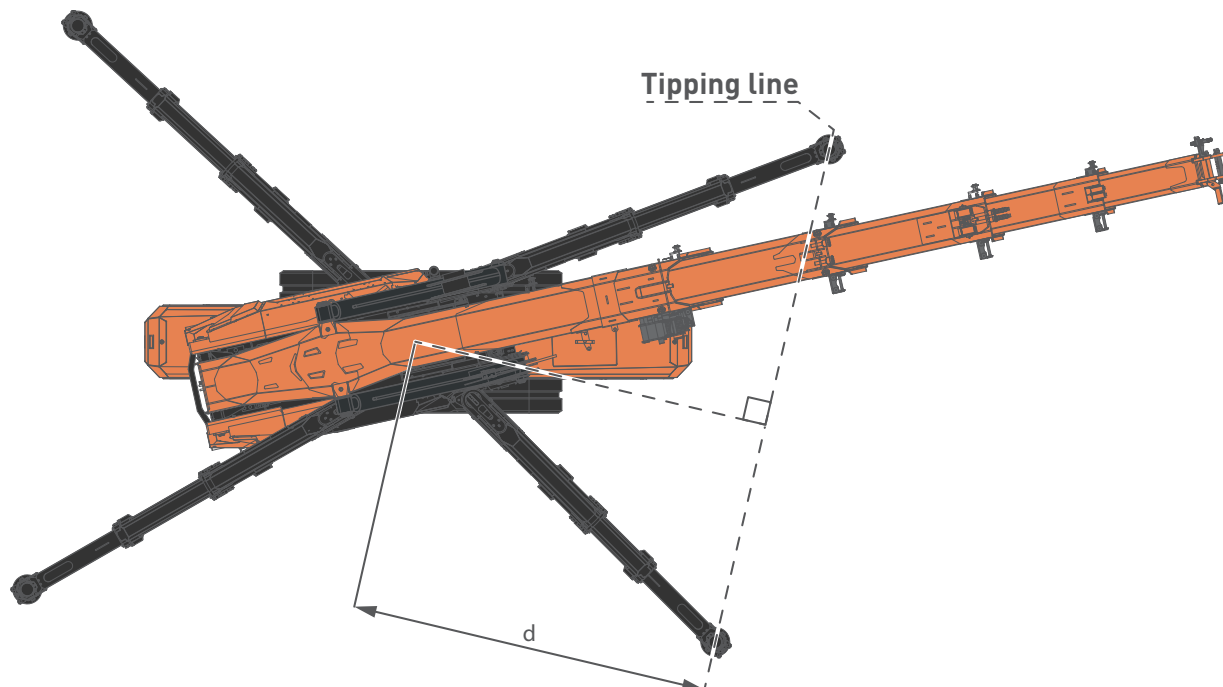
	d = 3' 7"	d = 4' 5"	d = 5' 6"	d = 6' 1"	d = 7' 5"	d = 8' 6"	
CRANE PERFORMANCE						J7	
					J5	J6	
			J3	J4			
		J2					
	J1 - PICK & CARRY						
	J0 - No LIFTING CAPACITY						
STABILITY AREA							

J: Stability level with J7 being the maximum and J2 the minimum, J1 is Pick&Carry only and J0 has no lifting capacity.

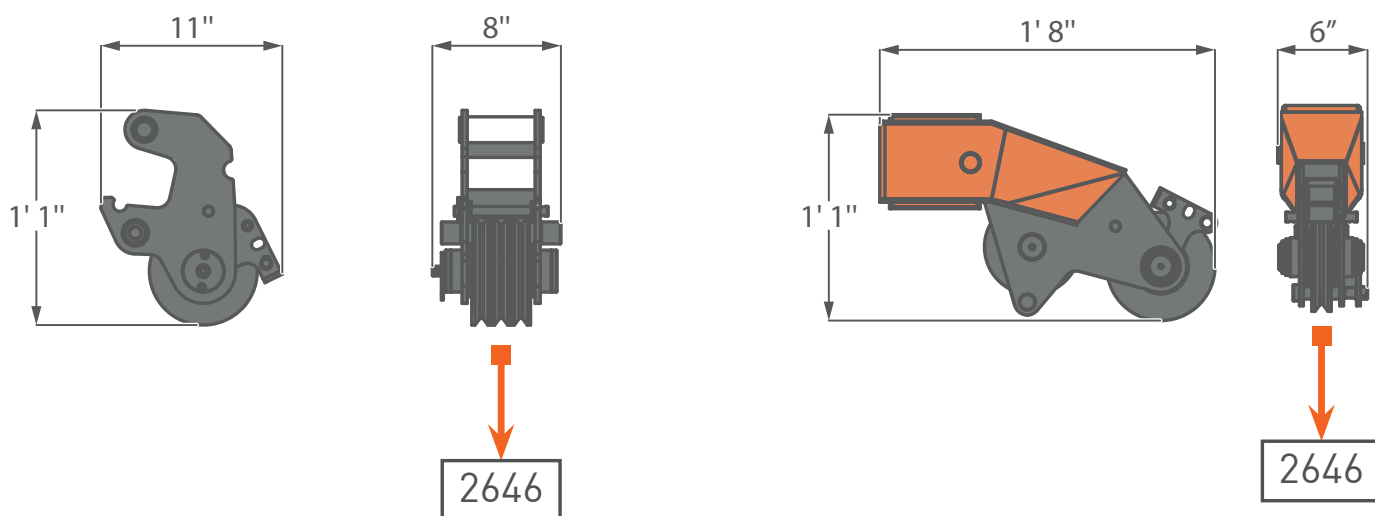
d: Perpendicular distance between the overturning line and the center of rotation.










## OVERALL DIMENSIONS TIPPING LINE



## PULLEY HEAD AND HOOKBLOCK MAIN BOOM TILTING PULLEY HEAD



## OVERALL INFORMATIONS




CRANE INFO		NAME	DESCRIPTIONS	U.M	VALUE	
	OVERALL DIMENSIONS CDH	Height	Height	ft	6' 8"	
			Length		Length	15' 4"
					Width	Width
		Height				Height
			Length			Length
					Width	Width
	BOOM	Length		ft		13' 1"-47' 7"
		Speed	s	39		
	SLEWING	Angle	°	360°		
		Speed	rpm	0,85		
	LIFTING	working Angle	°	0°/80°		
		Speed	s	33		
			Max Capacity	lb	11.023*	
			Max Outirgger Load Bearing CDH	lb	10.802†	
		Max Outirgger Load Bearing CL2	lb	10.582‡		
		Track load	lb/in <sup>2</sup>	11,1§		
		Travel Speed CDH	mph	1,8		
		Travel Speed CL2	mph	1,2		
		Gradeability	°	20		
		Working Temperature	°C	-20°/+40°		
		Lifting Class (UNI 4301-1)		A1		



\*: Dry weight


†: Engine working limit

‡: Static lifting

§: Crane without accessories

ACCESSORIES		CRANE	SPX650CL-2	lb	13.007*
			SPX650CDH	lb	13.228*
		HOOKBLOCK	Overhaul Ball	bl	66
			2T- D7	lb	66
			57-D7	lb	66
			JIB	JIB2000GX	lb
	JIB1200.3HX			lb	904
		WINCH	W800.6	lb	115
		OUTRIGGERS MATS	OM400	lb	37
		TOOLBOXES	TB	lb	44

ENGINE		ENGINE CDH	Power	kW	18.5
			Horse Power	HP	24.5
			Tank capacity	gal	7,92
		ELECTRIC CL2	Voltage	V	48
			Power	kW	16

HYDRAULIC SYSTEM		Working Pressure		bar	230
		Tank Capacity		gal	18,49
		OIL	Type	Synthetic	ISO 6743-4:HFDU
				Biodegradable	ISO VG46
			Viscosity Grade	VG	46
		MAIN PUMP CDH	Type	Axial Piston Pump	
			Displacement	in <sup>3</sup> /rev	1,8
			Max Oil Flow	gal/min	17
		MAIN PUMP CL2	Displacement	in <sup>3</sup> /rev	2,1
			Max Oil Flow	gal/min	17

## WINCH PERFORMANCE

GEAR WINCH	Layer		Max pull line	Standard rope speed
			lb	ft/min
	1		1.731	52
	2		1.609	56
	3		1.499	59
	4		1.411	66
5		1.323	69	
ROPE	Wire rope	Max load	Ø	Total length
		lb	in	ft
	19x7 right lang lay Non rotating	10.362	1/4"	265' 8"

PISTON WINCH	Layer		Max pull line	Standard rope speed
			lb	ft/min
	1		2.161*	-
	2		2.006*	-
	3		1.896*	-
4		1.786*	-	
ROPE	Wire rope	Max load	Ø	Total length
		lb	in	ft
	19x7 right lang lay Non rotating	10.362	1/4"	223' 1"

\*: LMI limited at 1763 lb.

†: Maximum speed and maximum lifting capacity cannot be contemporary.

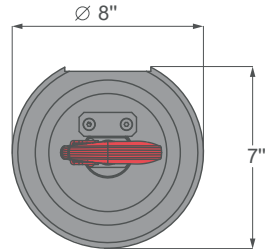
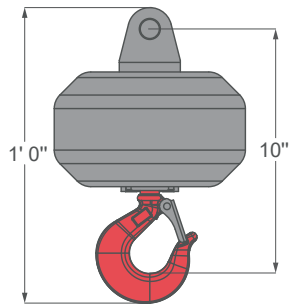


: Test made in full force/low speed mode.

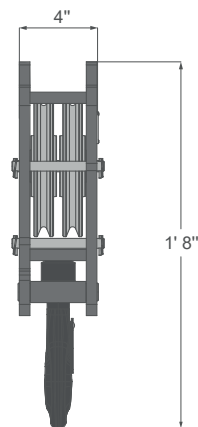
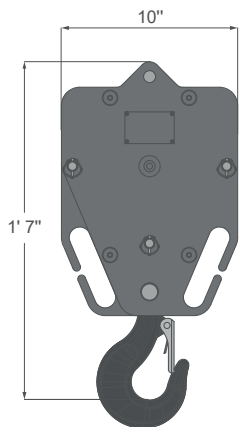


: Test made in full speed/low force mode.

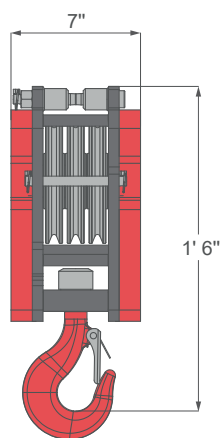
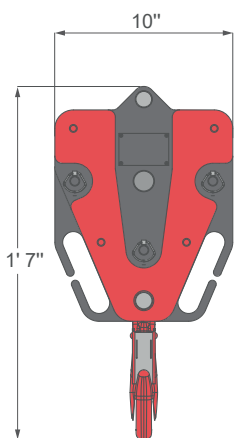
## HOOK BLOCK



MODELS	Overhaul Ball		Weights (lb)	
			60	
	Block type	Load (lb)	N° of	
Sheaves			Lines	
	Single fall block	2.205*	-	1

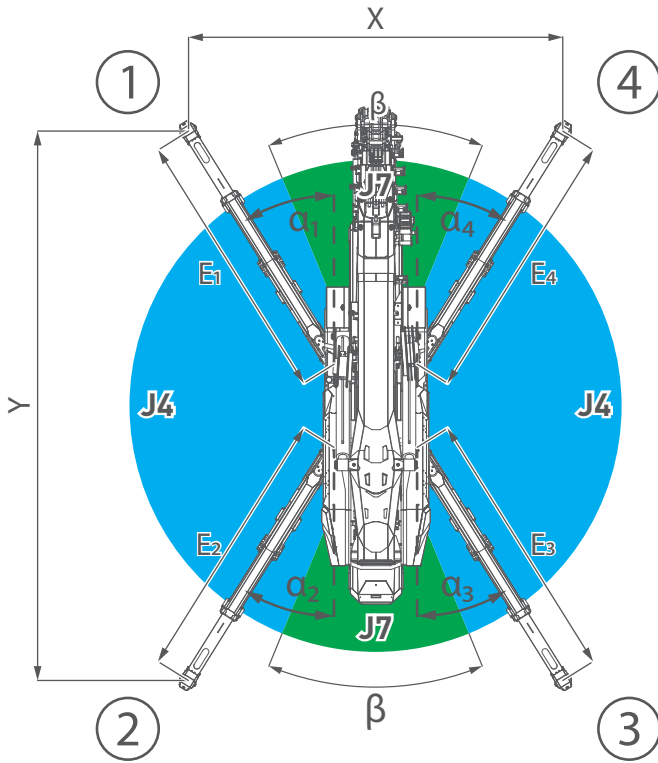


MODELS	2.5T-D7		Weights (lb)	
			64	
	Block type	Load (lb)	N° of	
Sheaves			Lines	
	Double pulley block	5.291	1	3
		3.530	1	2

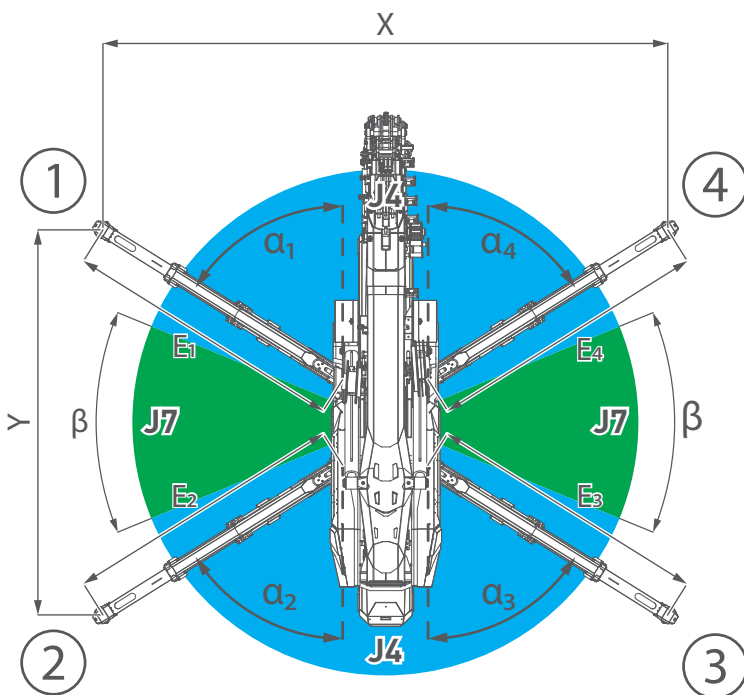


MODELS	5T-D7		Weights (lb)	
			112	
	Block type	Load (lb)	N° of	
Sheaves			Lines	
	Triple pulley block	10.582	3	6
		8.818	2	5
		7.055	2	4

## CRANE PERFORMANCE STABILITY EXAMPLES

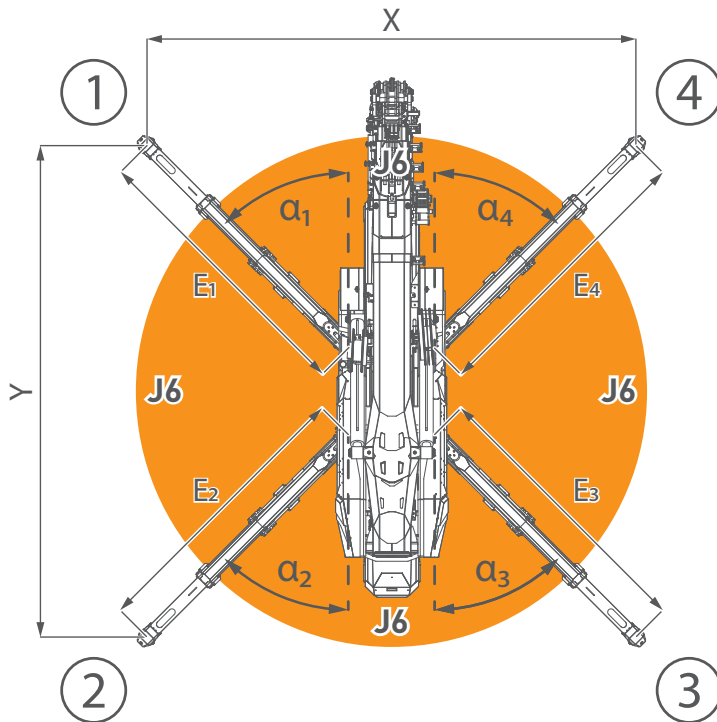


FULL SYMMETRIC STABILITY		
	Main Boom	with Jib
FOOTPRINT DIMENSIONS	X	11' 10"
	Y	17' 1"
OUTRIGGERS ANGLES	$\alpha_1$	32°
	$\alpha_2$	32°
	$\alpha_3$	32°
	$\alpha_4$	32°
OUTRIGGERS EXTENSIONS	E <sub>1</sub>	8' 6"
	E <sub>2</sub>	8' 6"
	E <sub>3</sub>	8' 6"
	E <sub>4</sub>	8' 6"
J7	$\beta$	44°

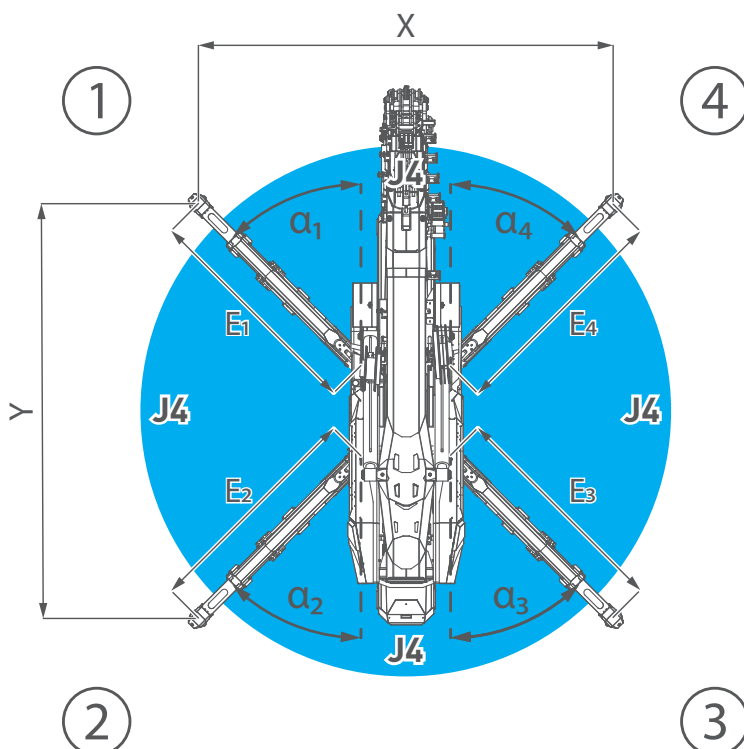


FULL SYMMETRIC STABILITY		
	Main Boom	with Jib
FOOTPRINT DIMENSIONS	X	17' 1"
	Y	11' 10"
OUTRIGGERS ANGLES	$\alpha_1$	58°
	$\alpha_2$	58°
	$\alpha_3$	58°
	$\alpha_4$	58°
OUTRIGGERS EXTENSIONS	E <sub>1</sub>	8' 6"
	E <sub>2</sub>	8' 6"
	E <sub>3</sub>	8' 6"
	E <sub>4</sub>	8' 6"
J7	$\beta$	44°

## CRANE PERFORMANCE STABILITY EXAMPLES

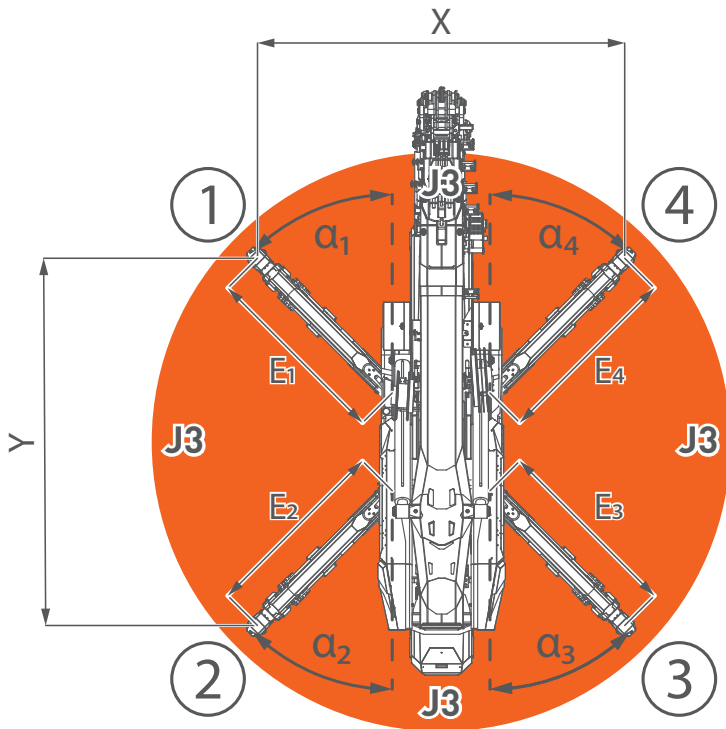


FULL SYMMETRIC STABILITY		
OUTRIGGERS DIMENSIONS	Main Boom	
	with Jib	
X	14' 9"	
Y	14' 9"	
OUTRIGGERS ANGLES	$\alpha_1$	45°
	$\alpha_2$	45°
	$\alpha_3$	45°
	$\alpha_4$	45°
OUTRIGGERS EXTENSIONS	E <sub>1</sub>	8' 6"
	E <sub>2</sub>	8' 6"
	E <sub>3</sub>	8' 6"
	E <sub>4</sub>	8' 6"



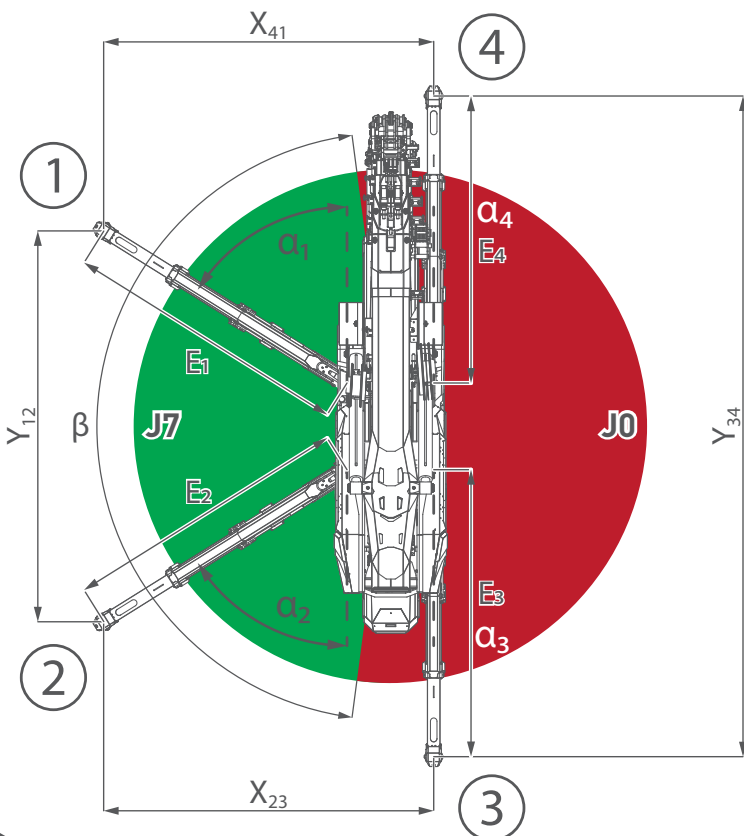
HALF SYMMETRIC STABILITY		
OUTRIGGERS DIMENSIONS	Main Boom	
	with Jib	
X	11' 10"	
Y	11' 10"	
OUTRIGGERS ANGLES	$\alpha_1$	45°
	$\alpha_2$	45°
	$\alpha_3$	45°
	$\alpha_4$	45°
OUTRIGGERS EXTENSIONS	E <sub>1</sub>	6' 7"
	E <sub>2</sub>	6' 7"
	E <sub>3</sub>	6' 7"
	E <sub>4</sub>	6' 7"

## CRANE PERFORMANCE STABILITY EXAMPLES



### MINIMUM SYMMETRIC STABILITY

OUTRIGGER DIMENSIONS	MINIMUM SYMMETRIC STABILITY	
	Main Boom	with Jib
X	9' 2"	
Y	9' 2"	
$\alpha_1$	45°	
$\alpha_2$	45°	
$\alpha_3$	45°	
$\alpha_4$	45°	
$E_1$	4' 7"	
$E_2$	4' 7"	
$E_3$	4' 7"	
$E_4$	4' 7"	

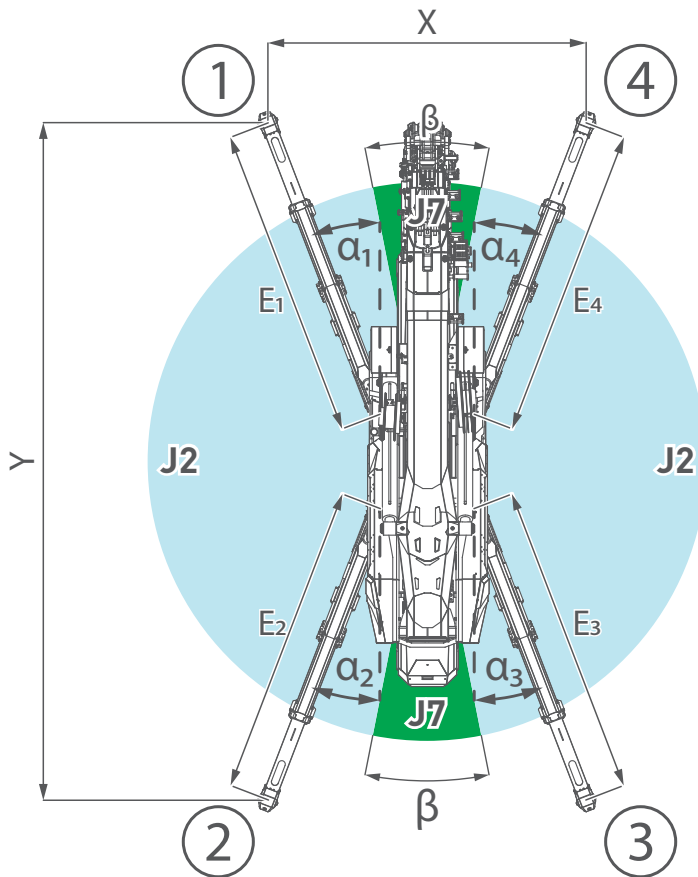


### ASYMMETRIC STABILITY ON SIDE

OUTRIGGER DIMENSIONS	ASYMMETRIC STABILITY ON SIDE	
	Main Boom	with Jib
$X_{41}$	10' 10"	
$Y_{12}$	11' 10"	
$X_{23}$	10' 10"	
$Y_{34}$	19' 8"	
$\alpha_1$	58°	
$\alpha_2$	58°	
$\alpha_3$	0°	
$\alpha_4$	0°	
$E_1$	8' 6"	
$E_2$	8' 6"	
$E_3$	8' 6"	
$E_4$	8' 6"	
J7	$\beta$	
	165°	

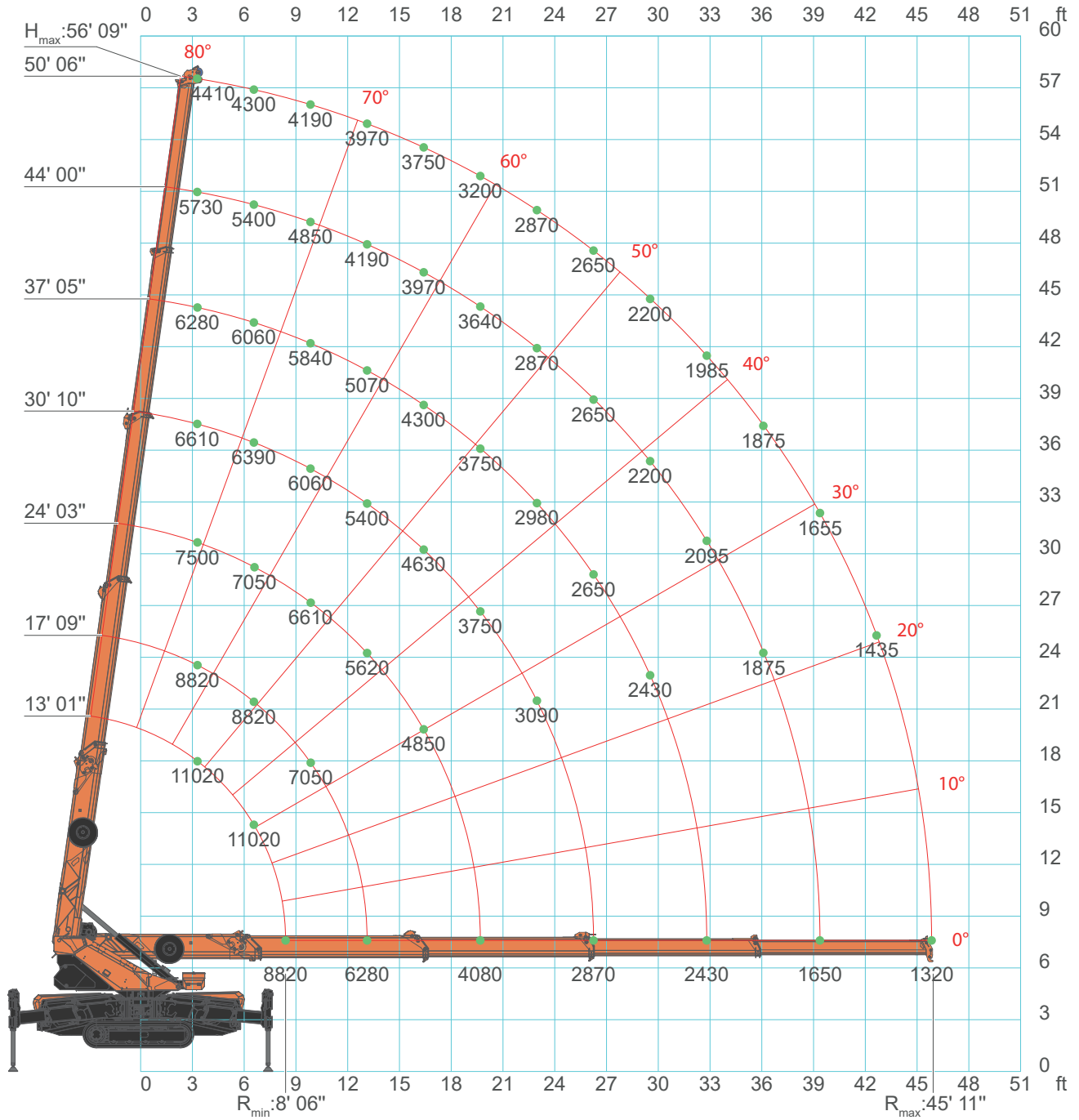


## CRANE PERFORMANCE STABILITY EXAMPLES



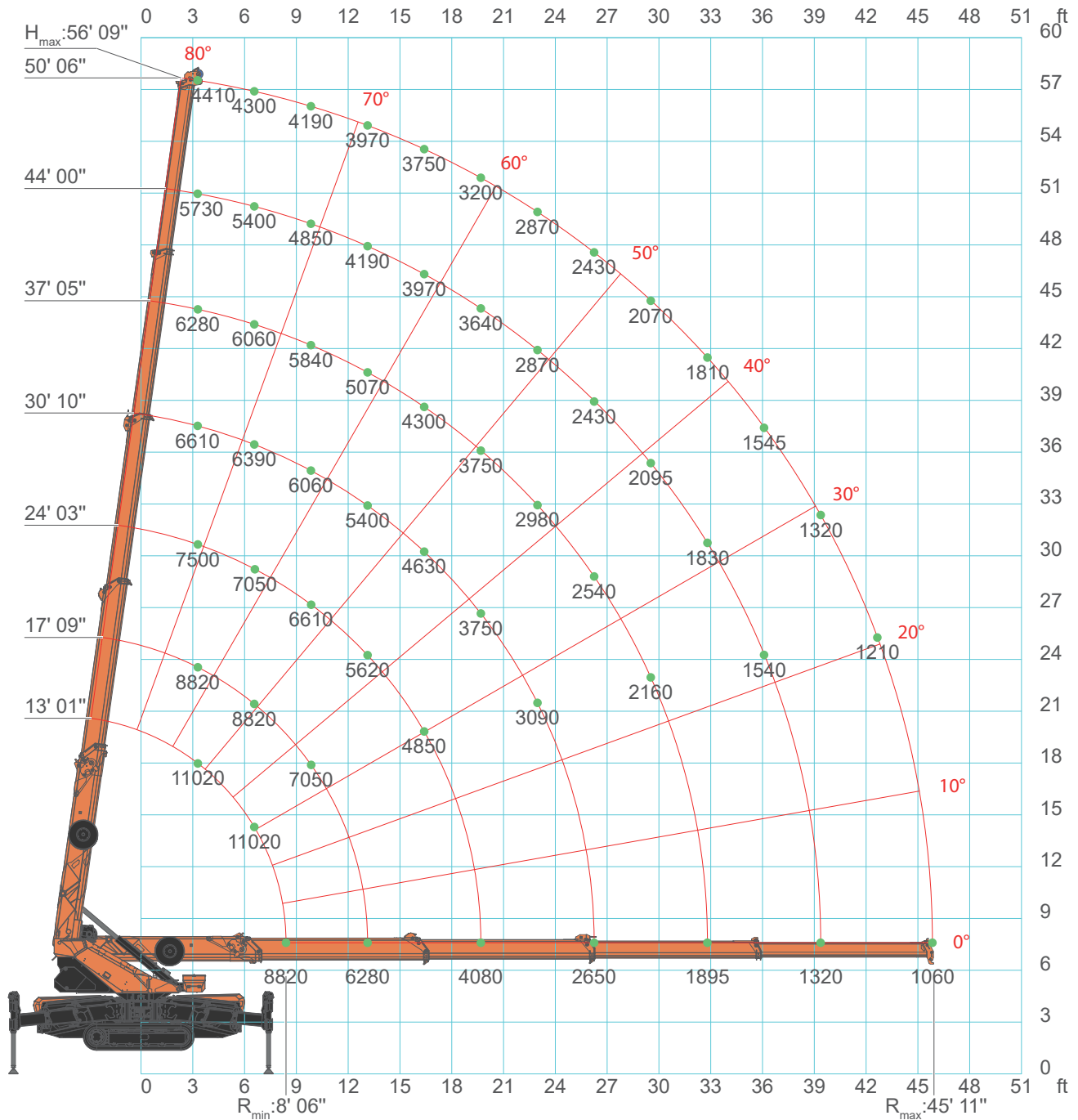
FULL SYMMETRIC STABILITY			
	Main Boom	with Jib	
FOOTPRINT DIMENSIONS	X	7' 3"	8' 10"
	Y	19' 0"	18' 8"
OUTRIGGERS ANGLES	$\alpha_1$	16°	21°
	$\alpha_2$	16°	21°
	$\alpha_3$	16°	21°
	$\alpha_4$	16°	21°
OUTRIGGERS EXTENSIONS	$E_1$	8' 6"	
	$E_2$	8' 6"	
	$E_3$	8' 6"	
	$E_4$	8' 6"	
J7	$\beta$	14°	22°

## SPX650 - MAIN BOOM



# SPX650 - MAIN BOOM

J6




## SPX650 - MAIN BOOM




CRANE PERFORMANCE: J7												
L(ft) →	13' 1"	13' 3"	17' 9"	21' 0"	24' 3"	27' 7"	30' 10"	34' 1"	37' 5"	44' 0"	47' 3"	50' 6"
3' 03"	5,51	4,41	4,41	4,08	3,75	3,31	3,31	3,20	3,14	2,87	2,65	2,20
6' 7"	5,51	4,41	4,41	3,86	3,53	3,20	3,20	3,09	3,03	2,70	2,43	2,15
9' 10"	4,41	4,41	3,53	3,42	3,31	3,09	3,03	2,98	2,92	2,43	2,31	2,09
13' 1"			3,14	2,87	2,81	2,76	2,70	2,65	2,54	2,09	2,04	1,98
16' 5"				2,65	2,43	2,37	2,31	2,20	2,15	1,98	1,93	1,87
19' 8"					2,04	1,93	1,87	1,87	1,87	1,82	1,82	1,60
23' 0"						1,60	1,54	1,54	1,49	1,43	1,43	1,43
26' 3"							1,43	1,38	1,38	1,32	1,32	1,32
29' 6"								1,32	1,21	1,10	1,10	1,10
32' 10"									1,21	1,10	0,99	0,99
36' 1"										0,94	0,94	0,94
42' 8"											0,72	0,72
45' 7"												0,66
↑R (ft)	[sh tn]											

LC650\_V101\_0321\_BP\_GANCIO\_J7

## SPX650 - MAIN BOOM

		<b>CRANE PERFORMANCE: J6</b>											
L (ft) →	13' 1"	13' 3"	17' 9"	21' 0"	24' 3"	27' 7"	30' 10"	34' 1"	37' 5"	40' 8"	47' 3"	50' 6"	
3' 3"	5,51	4,41	4,41	4,08	3,75	3,31	3,31	3,20	3,14	3,09	2,65	2,20	
6' 7"	5,51	4,41	4,41	3,86	3,53	3,20	3,20	3,09	3,03	2,98	2,43	2,15	
9' 10"	4,41	4,41	3,53	3,42	3,31	3,09	3,03	2,98	2,92	2,54	2,31	2,09	
13' 1"			3,14	2,87	2,81	2,76	2,70	2,65	2,54	2,20	2,04	1,98	
16' 5"				2,65	2,43	2,37	2,31	2,20	2,15	2,09	1,93	1,87	
19' 8"					2,04	1,93	1,87	1,87	1,87	1,87	1,82	1,60	
23' 0"						1,60	1,54	1,54	1,49	1,49	1,43	1,43	
26' 3"							1,32	1,27	1,27	1,21	1,21	1,21	
29' 6"								1,10	1,08	1,05	1,05	1,04	
32' 10"									0,95	0,93	0,90	0,90	
36' 1"										0,77	0,77	0,77	
42' 8"											0,61	0,61	
45' 7"												0,53	
↑R (ft)	[sh tn]	LC650_V101_0321_BP_GANCIO_J6											

		<b>CRANE PERFORMANCE: J5</b>											
L (m) →	13' 1"	13' 3"	17' 9"	21' 0"	24' 3"	27' 7"	30' 10"	34' 1"	37' 5"	40' 8"	47' 3"	50' 6"	
3' 3"	5,51	4,41	4,41	4,08	3,75	3,31	3,31	3,20	3,14	3,09	2,65	2,20	
6' 7"	5,51	4,41	4,41	3,86	3,53	3,20	3,20	3,09	3,03	2,98	2,43	2,15	
9' 10"	3,86	3,86	3,53	3,42	3,31	3,09	3,03	2,98	2,92	2,54	2,31	2,09	
13' 1"			2,98	2,87	2,81	2,76	2,70	2,65	2,54	2,20	2,04	1,98	
16' 5"				2,54	2,43	2,37	2,31	2,20	2,15	2,09	1,93	1,87	
19' 8"					1,82	1,82	1,82	1,82	1,65	1,65	1,54	1,54	
23' 0"						1,38	1,38	1,38	1,38	1,32	1,32	1,32	
26' 3"							1,10	1,10	1,10	1,10	1,10	1,10	
29' 6"								0,88	0,88	0,88	0,88	0,88	
32' 10"									0,72	0,72	0,72	0,72	
36' 1"										0,60	0,60	0,60	
42' 8"											0,44	0,44	
45' 7"												0,33	
↑R (m)	[ton]	LC650_V101_0321_BP_GANCIO_J5											

\*: Completely retracted boom

## SPX650 - MAIN BOOM

CRANE PERFORMANCE: J4												
L (ft) →	13' 1"	13' 3"	17' 9"	21' 0"	24' 3"	27' 7"	30' 10"	34' 1"	37' 5"	40' 8"	47' 3"	50' 6"
3' 3"	5,51	4,41	4,41	4,08	3,75	3,31	3,31	3,20	3,14	3,09	2,65	2,20
6' 7"	5,51	4,41	4,41	3,86	3,53	3,20	3,20	3,09	3,03	2,98	2,43	2,15
9' 10"	3,86	3,53	3,53	3,42	3,31	3,09	3,03	2,98	2,92	2,54	2,31	2,09
13' 1"			2,98	2,87	2,81	2,76	2,70	2,65	2,54	2,20	2,04	1,98
16' 5"				1,93	1,93	1,93	1,93	1,93	1,93	1,82	1,71	1,65
19' 8"					1,43	1,43	1,43	1,43	1,38	1,38	1,32	1,32
23' 0"						1,10	1,10	1,10	1,10	1,10	1,10	1,10
26' 3"							0,88	0,88	0,88	0,88	0,88	0,88
29' 6"								0,71	0,71	0,71	0,71	0,71
32' 10"									0,55	0,55	0,55	0,55
36' 1"										0,44	0,44	0,44
42' 8"											0,26	0,26
45' 7"												0,20
↑R (ft)	[sh tn]											

LC650\_V101\_0321\_BP\_GANCIO\_J4

CRANE PERFORMANCE: J3												
L (ft) →	13' 1"	13' 3"	17' 9"	21' 0"	24' 3"	27' 7"	30' 10"	34' 1"	37' 5"	40' 8"	47' 3"	50' 6"
3' 3"	5,51	4,41	4,41	4,08	3,75	3,31	2,98	2,76	2,76	2,65	2,09	1,87
6' 7"	5,51	4,41	4,41	3,86	3,31	3,09	2,87	2,65	2,54	2,54	1,98	1,76
9' 10"	3,31	3,09	3,09	2,87	2,65	2,54	2,54	2,43	2,43	2,20	1,87	1,65
13' 1"			2,20	2,20	2,09	1,98	1,98	1,87	1,76	1,76	1,65	1,54
16' 5"				1,49	1,49	1,49	1,43	1,43	1,43	1,38	1,38	1,38
19' 8"					1,10	1,10	1,10	1,10	0,99	0,99	0,94	0,94
23' 0"						0,77	0,77	0,77	0,77	0,77	0,77	0,77
26' 3"							0,55	0,55	0,55	0,55	0,55	0,55
29' 6"								0,44	0,44	0,44	0,44	0,44
32' 10"									0,33	0,33	0,33	0,33
36' 1"										0,22	0,22	0,22
↑R (ft)	[sh tn]											

LC650\_V101\_0321\_BP\_GANCIO\_J3

\*: Completely retracted boom

## SPX650 - MAIN BOOM

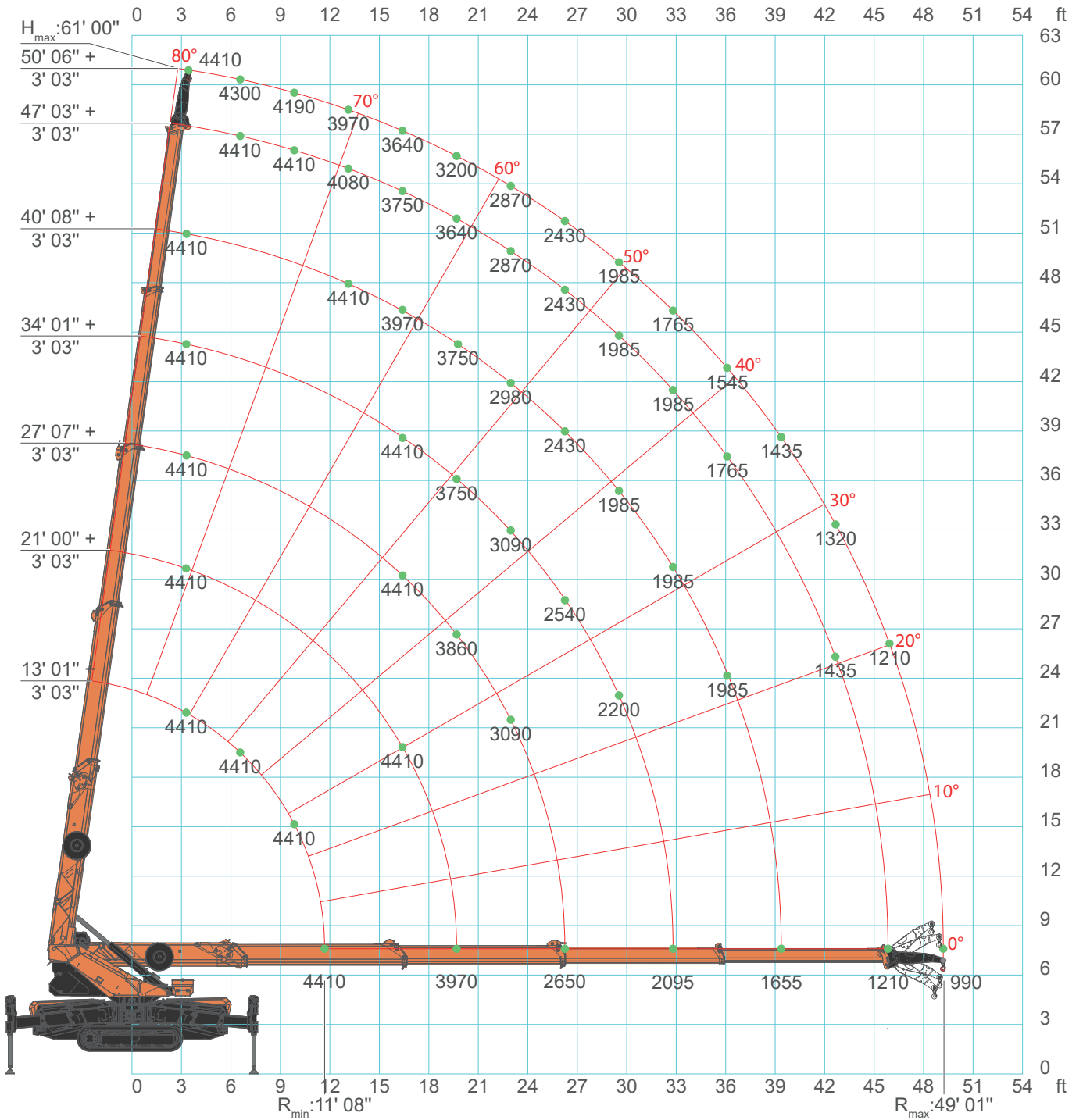
CRANE PERFORMANCE: J2												
L (ft) →	13' 1"	13' 3"	17' 9"	21' 0"	24' 3"	27' 7"	30' 10"	34' 1"	37' 5"	40' 8"	47' 3"	50' 6"
3' 3"	5,51	3,31	3,31	2,20	2,20	2,20	1,65	1,65	1,65	1,43	1,32	1,32
6' 7"	4,41	2,20	2,20	1,65	1,32	1,32	1,32	1,32	1,32	1,10	1,10	1,10
9' 10"	2,20	1,65	1,65	1,32	1,10	1,10	1,10	1,10	1,10	0,99	0,88	0,88
13' 1"			1,10	1,05	0,99	0,88	0,88	0,88	0,77	0,77	0,66	0,66
16' 5"				0,99	0,88	0,77	0,77	0,77	0,72	0,72	0,66	0,61
19' 8"					0,77	0,72	0,72	0,66	0,66	0,61	0,55	0,44
23' 0"						0,55	0,44	0,44	0,44	0,39	0,39	0,33
26' 3"							0,42	0,33	0,33	0,33	0,28	0,24
29' 6"								0,33	0,31	0,28	0,24	0,22
32' 10"									0,22	0,17	0,17	0,17
36' 1"										0,17	0,11	0,11
↑R (ft)	[sh tn]											

LC650\_V101\_0321\_BP\_GANCIO\_J2

CRANE PERFORMANCE: J1 (Pick & Carry)			
L (ft) →	13' 1"	17' 9"	21' 0"
3' 3"	0,88	0,88	0,66
6' 7"	0,77	0,77	0,66
9' 10"	0,66	0,61	0,55
13' 1"		0,35	0,33
16' 5"			0,19
↑R (ft)	[sh tn]		

LC650\_V101\_0321\_BP\_GANCIO\_J1

## SPX650 - MAIN BOOM

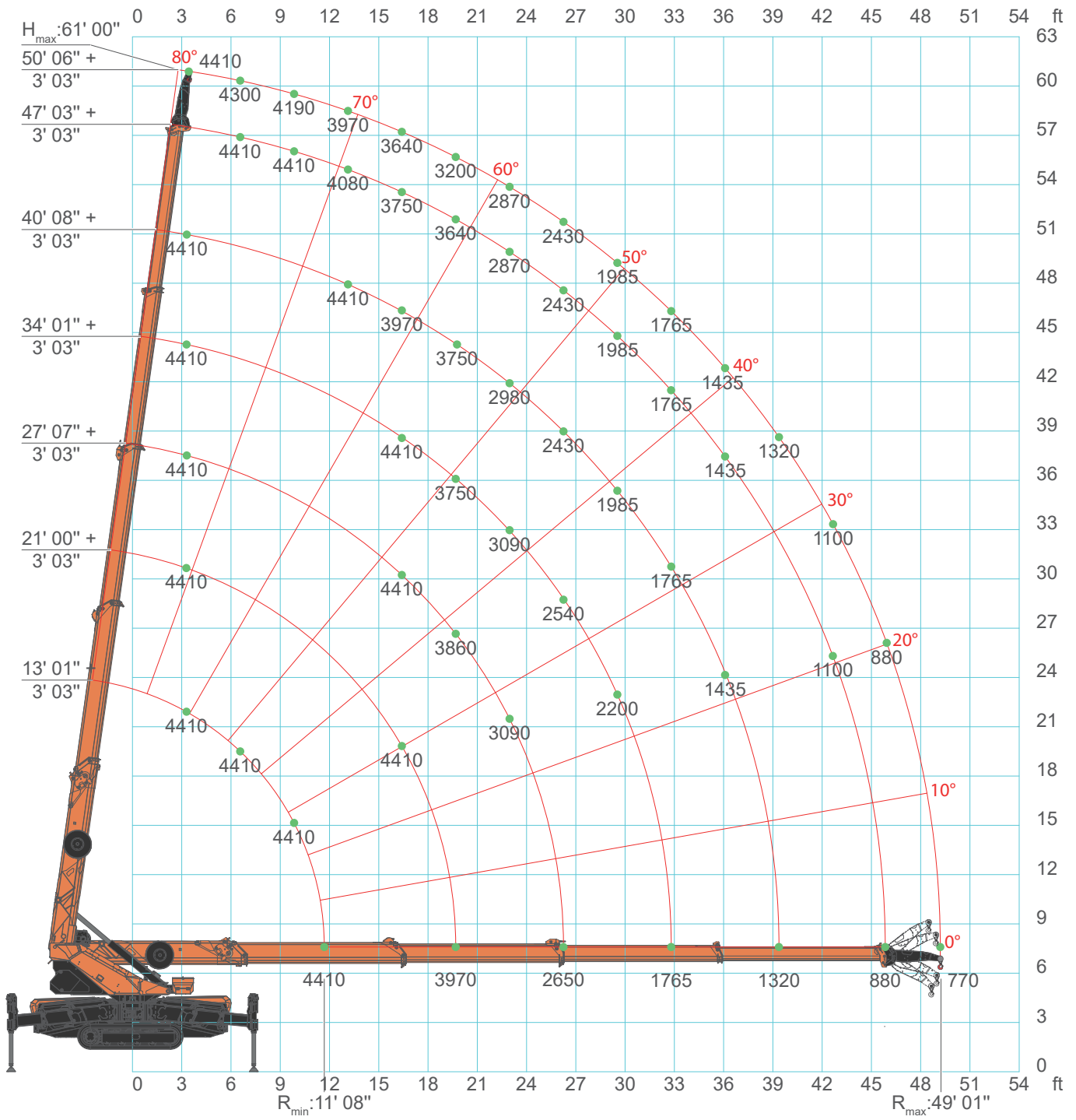


\*: Completely retracted boom

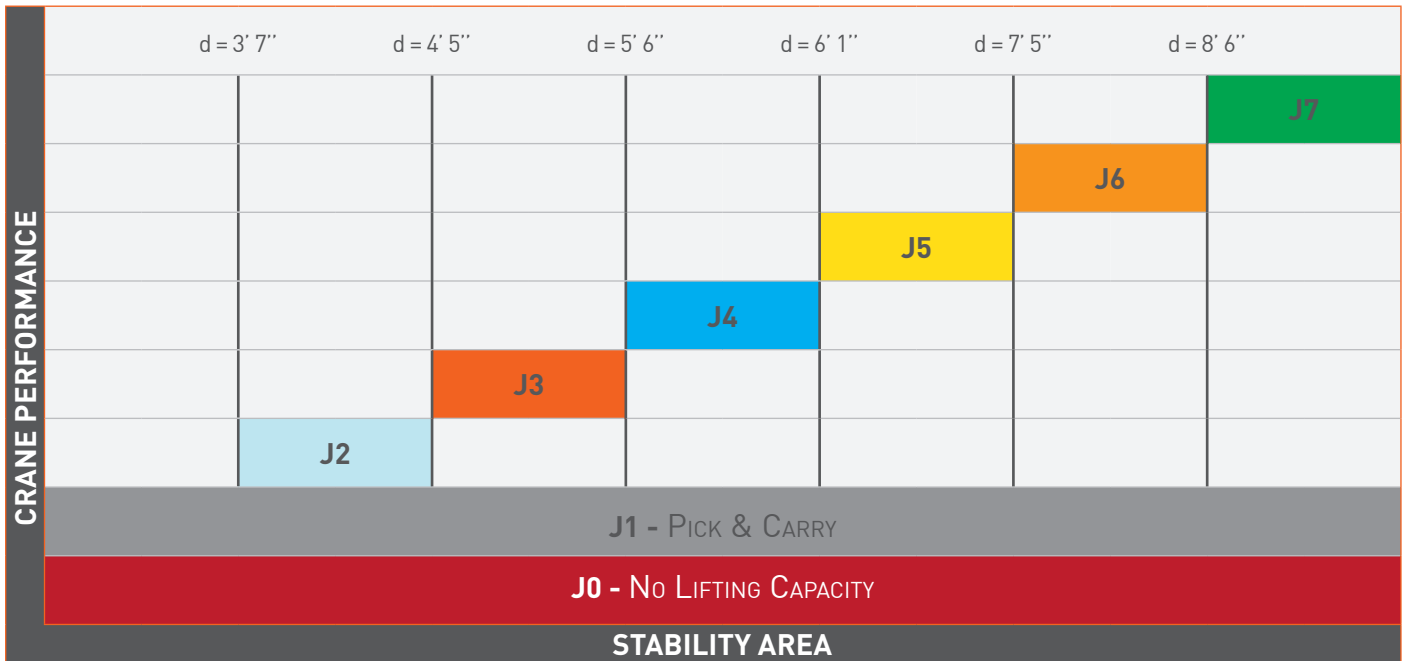


# SPX650 - JIB2000GX

J6



## SPX650 - JIB2000GX



CRANE PERFORMANCE: <b>J7</b>											
L (ft) →	13' 1"	17' 9"	21' 0"	24' 3"	27' 7"	30' 10"	34' 1"	37' 5"	40' 8"	47' 3"	50' 6"
3' 3"	2,20	2,20	2,20	2,20	2,20	2,20	2,20	2,20	2,20	2,20	2,20
6' 7"	2,20	2,20	2,20	2,20	2,20	2,20	2,20	2,20	2,20	2,20	2,15
9' 10"	2,20	2,20	2,20	2,20	2,20	2,20	2,20	2,20	2,20	2,20	2,09
13' 1"		2,20	2,20	2,20	2,20	2,20	2,20	2,20	2,20	2,04	1,98
16' 5"		2,20	2,20	2,20	2,20	2,20	2,20	2,09	1,98	1,87	1,82
19' 8"			1,98	1,98	1,93	1,87	1,87	1,87	1,87	1,82	1,60
23' 0"				1,54	1,54	1,54	1,54	1,49	1,49	1,43	1,43
26' 3"					1,32	1,32	1,27	1,27	1,21	1,21	1,21
29' 6"						1,10	1,10	0,99	0,99	0,99	0,99
32' 10"							1,05	0,99	0,99	0,99	0,88
36' 1"								0,99	0,99	0,88	0,77
39' 4"									0,83	0,83	0,72
45' 11"										0,61	0,61
48' 11"											0,50
↑R (ft)	[sh tn]										

LC650\_V101\_0321\_RUNNER\_GANCIO\_J7

## SPX650 - JIB2000GX

CRANE PERFORMANCE: J6											
L (ft) →	13' 1"	17' 9"	21' 0"	24' 3"	27' 7"	30' 10"	34' 1"	37' 5"	40' 8"	47' 3"	50' 6"
3' 3"	2,20	2,20	2,20	2,20	2,20	2,20	2,20	2,20	2,20	2,20	2,20
6' 7"	2,20	2,20	2,20	2,20	2,20	2,20	2,20	2,20	2,20	2,20	2,15
9' 10"	2,20	2,20	2,20	2,20	2,20	2,20	2,20	2,20	2,20	2,20	2,09
13' 1"		2,20	2,20	2,20	2,20	2,20	2,20	2,20	2,20	2,04	1,98
16' 5"		2,20	2,20	2,20	2,20	2,20	2,20	2,09	1,98	1,87	1,82
19' 8"			1,98	1,98	1,93	1,87	1,87	1,87	1,87	1,82	1,60
23' 0"				1,54	1,54	1,54	1,54	1,49	1,49	1,43	1,43
26' 3"					1,32	1,32	1,27	1,27	1,21	1,21	1,21
29' 6"						1,10	1,10	0,99	0,99	0,99	0,99
32' 10"							0,88	0,88	0,88	0,88	0,88
36' 1"								0,72	0,72	0,72	0,72
39' 4"									0,66	0,66	0,66
45' 11"										0,44	0,44
48' 11"											0,39
↑R (ft)	[sh tn]										

LC650\_V101\_0321\_RUNNER\_GANCIO\_J6

CRANE PERFORMANCE: J5											
L (ft) →	13' 1"	17' 9"	21' 0"	24' 3"	27' 7"	30' 10"	34' 1"	37' 5"	40' 8"	47' 3"	50' 6"
3' 3"	2,20	2,20	2,20	2,20	2,20	2,20	2,20	2,20	2,09	1,87	1,82
6' 7"	2,20	2,20	2,20	2,20	2,20	2,20	2,20	2,20	2,09	1,87	1,82
9' 10"	2,20	2,20	2,20	2,20	2,20	2,20	2,20	2,20	2,09	1,87	1,82
13' 1"		2,20	2,20	2,20	2,20	2,20	2,20	2,20	2,09	1,87	1,82
16' 5"		2,20	2,20	2,20	2,20	2,20	2,09	2,09	1,98	1,87	1,82
19' 8"			1,65	1,65	1,65	1,65	1,65	1,54	1,54	1,43	1,43
23' 0"				1,32	1,32	1,32	1,32	1,32	1,32	1,32	1,32
26' 3"					0,99	0,99	0,99	0,99	0,99	0,99	0,99
29' 6"						0,83	0,83	0,83	0,83	0,83	0,83
32' 10"							0,66	0,66	0,66	0,66	0,66
36' 1"								0,55	0,55	0,55	0,55
39' 4"									0,44	0,44	0,44
45' 11"										0,29	0,29
48' 11"											0,24
↑R (ft)	[sh tn]										

LC650\_V101\_0321\_RUNNER\_GANCIO\_J5

## SPX650 - JIB2000GX

CRANE PERFORMANCE: J4											
L (ft) →	13' 1"	17' 9"	21' 0"	24' 3"	27' 7"	30' 10"	34' 1"	37' 5"	40' 8"	47' 3"	50' 6"
3' 3"	2,20	2,20	2,20	2,20	2,20	2,20	2,09	2,09	1,98	1,54	1,32
6' 7"	2,20	2,20	2,20	2,20	2,20	2,20	2,09	2,09	1,98	1,43	1,21
9' 10"	2,20	2,20	2,20	2,20	2,20	2,20	2,09	1,98	1,82	1,32	1,21
13' 1"		2,20	2,20	2,20	2,20	2,20	1,98	1,98	1,82	1,32	1,21
16' 5"		1,98	1,82	1,82	1,71	1,49	1,43	1,43	1,38	1,32	1,21
19' 8"			1,38	1,32	1,32	1,21	1,21	1,21	1,10	0,99	0,99
23' 0"				1,05	0,99	0,99	0,99	0,99	0,99	0,88	0,88
26' 3"					0,83	0,83	0,83	0,77	0,77	0,77	0,72
29' 6"						0,66	0,66	0,66	0,66	0,66	0,66
32' 10"							0,53	0,53	0,53	0,53	0,53
36' 1"								0,42	0,42	0,42	0,42
39' 4"									0,33	0,33	0,33
45' 11"										0,17	0,17
48' 11"											0,13
↑R (ft)	[sh tn]										

LC650\_V101\_0321\_RUNNER\_GANCIO\_J4

CRANE PERFORMANCE: J3											
L (ft) →	13' 1"	17' 9"	21' 0"	24' 3"	27' 7"	30' 10"	34' 1"	37' 5"	40' 8"	47' 3"	50' 6"
3' 3"	2,20	2,20	2,20	2,20	2,20	2,09	1,87	1,76	1,65	1,32	1,21
6' 7"	2,20	2,20	2,20	2,20	2,20	1,87	1,65	1,65	1,54	1,21	1,10
9' 10"	2,20	2,20	2,20	2,20	1,87	1,65	1,54	1,54	1,43	1,16	1,10
13' 1"		1,65	1,60	1,60	1,54	1,49	1,43	1,38	1,32	1,10	0,99
16' 5"		1,32	1,32	1,32	1,32	1,21	1,21	1,10	1,10	0,88	0,77
19' 8"			0,94	0,94	0,94	0,94	0,88	0,88	0,88	0,77	0,66
23' 0"				0,72	0,72	0,72	0,66	0,66	0,66	0,61	0,55
26' 3"					0,55	0,55	0,55	0,55	0,55	0,44	0,44
29' 6"						0,42	0,42	0,40	0,40	0,35	0,35
32' 10"							0,33	0,33	0,33	0,28	0,28
36' 1"								0,22	0,22	0,22	0,22
39' 4"									0,13	0,13	0,13
↑R (ft)	[sh tn]										

LC650\_V101\_0321\_RUNNER\_GANCIO\_J3

## SPX650 - JIB2000GX

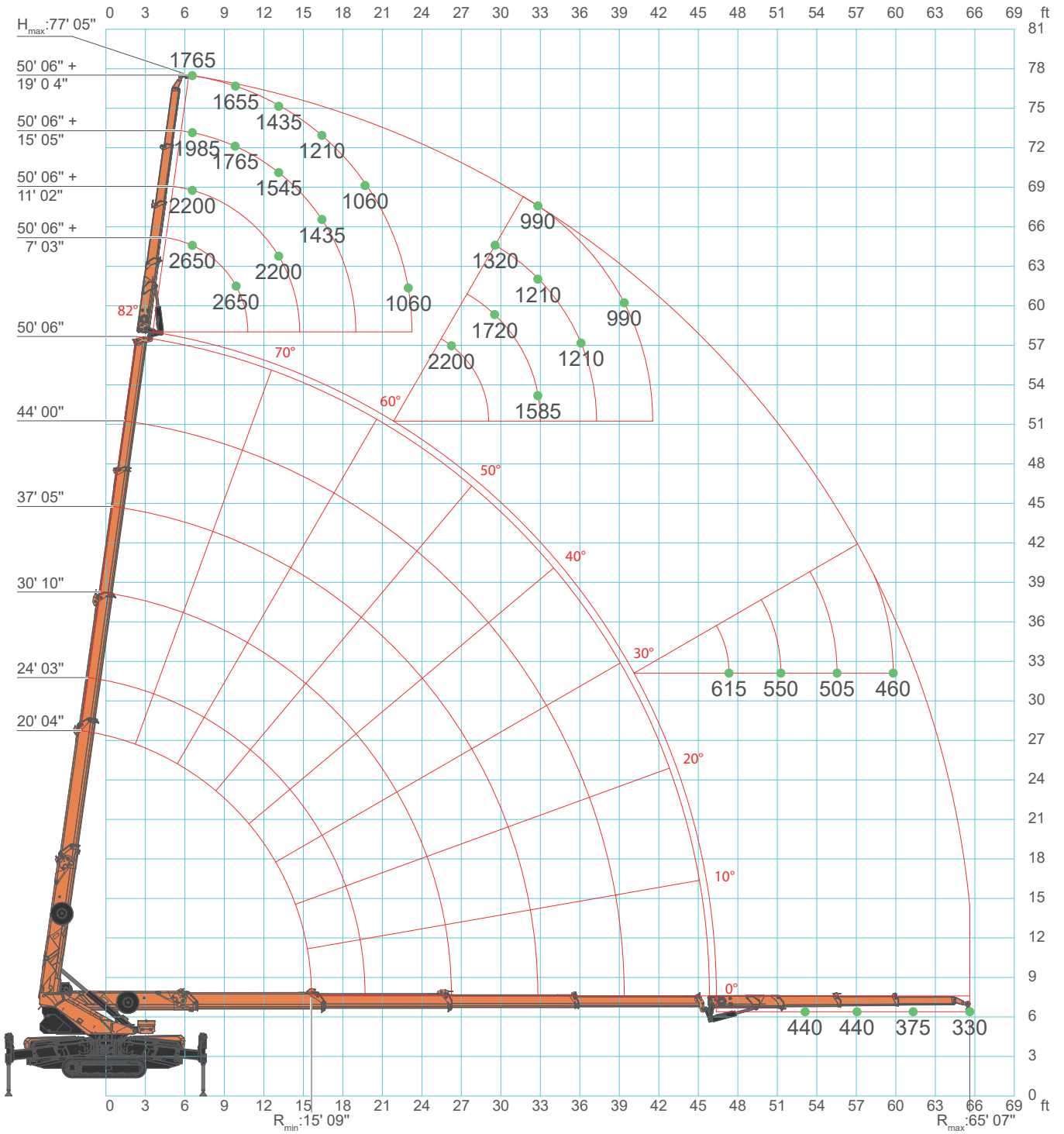
CRANE PERFORMANCE: J2											
L (ft)→	13' 1"	17' 9"	21' 0"	24' 3"	27' 7"	30' 10"	34' 1"	37' 5"	40' 8"	47' 3"	50' 6"
3' 3"	2,20	2,20	2,20	2,20	2,20	1,65	1,65	1,65	1,43	1,10	0,99
6' 7"	2,20	2,20	1,65	1,32	1,32	1,32	1,32	1,32	1,10	0,99	0,88
9' 10"	2,20	1,65	1,32	1,10	1,10	1,10	1,10	1,10	0,99	0,88	0,77
13' 1"		1,10	1,05	0,99	0,88	0,88	0,88	0,77	0,77	0,61	0,55
16' 5"		0,99	0,99	0,88	0,77	0,77	0,77	0,72	0,72	0,55	0,50
19' 8"			0,77	0,77	0,72	0,72	0,66	0,66	0,55	0,44	0,33
23' 0"				0,55	0,55	0,44	0,44	0,44	0,39	0,33	0,26
26' 3"					0,42	0,42	0,33	0,33	0,33	0,24	0,20
29' 6"						0,30	0,28	0,28	0,28	0,22	0,17
32' 10"							0,17	0,17	0,17	0,13	0,13
36' 1"								0,11	0,11	0,11	0,11
↑R (ft)	[sh tn]										

LC650\_V101\_0321\_RUNNER\_GANCIO\_J2

CRANE PERFORMANCE: J1 (Pick & Carry)			
L (ft)→	13' 1"	14' 5"	17' 9"
3' 3"	0,88	0,88	0,66
6' 7"	0,77	0,77	0,66
9' 10"	0,66	0,61	0,55
13' 1"		0,35	0,33
16' 5"			0,17
↑R (ft)	[sh tn]		

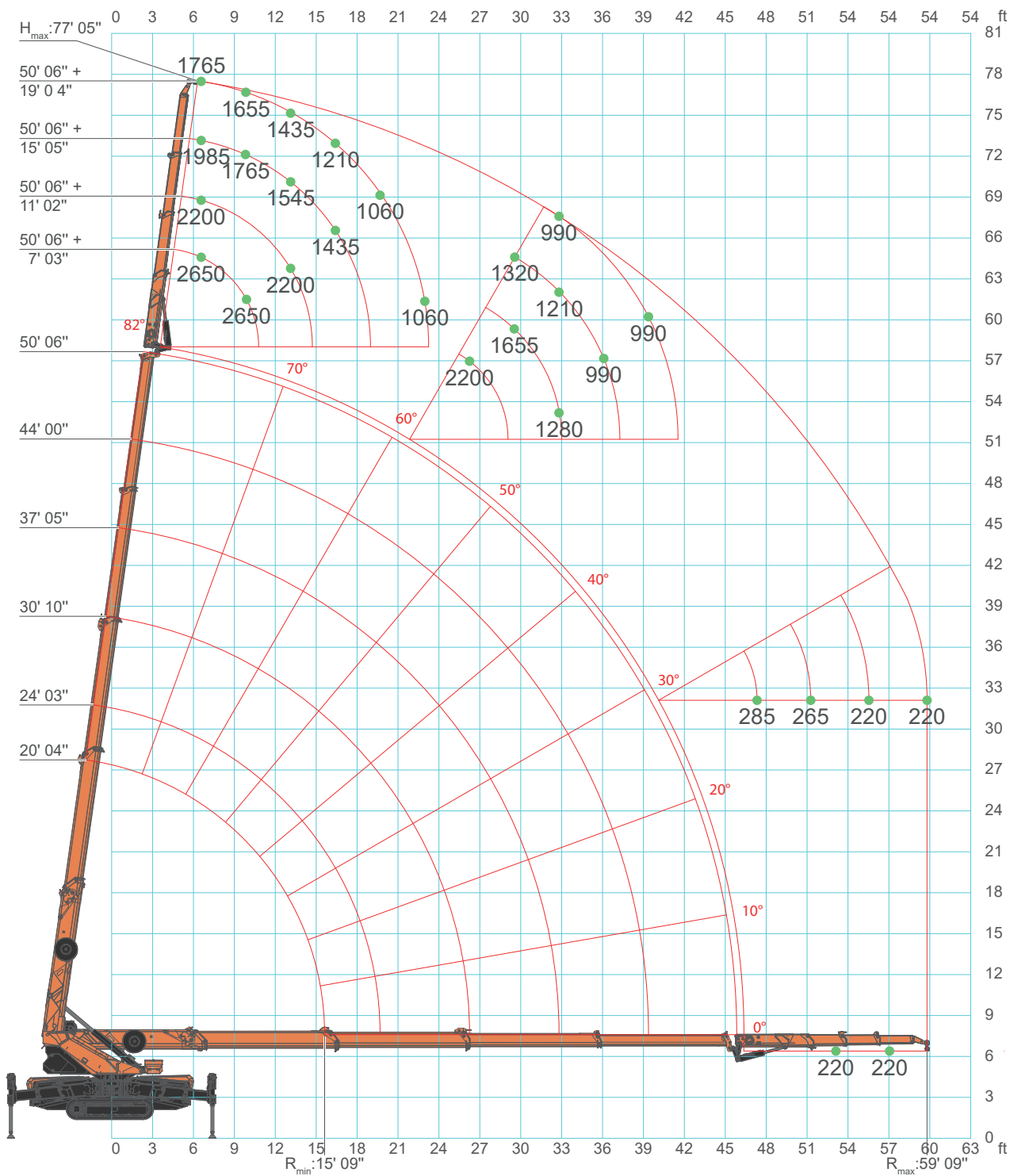
LC650\_V101\_0321\_RUNNER\_GANCIO\_J1

## SPX650 - JIB1200.3HX



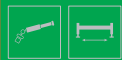
# SPX650 - JIB1200.3HX

J6



## SPX650 - JIB1200.3HX

	d = 3' 7"	d = 4' 5"	d = 5' 6"	d = 6' 1"	d = 7' 5"	d = 8' 6"
<b>CRANE PERFORMANCE</b>						J7
					J6	
				J5		
			J4			
J1 - PICK & CARRY						
J0 - No LIFTING CAPACITY						
<b>STABILITY AREA</b>						



### CRANE PERFORMANCE: J7



L <sub>j</sub> (ft) →	7' 3"	11' 2"	15' 5"	19' 4"
3' 3"	1,32	1,10	0,99	0,88
6' 7"	1,32	1,10	0,99	0,88
9' 10"	1,32	1,10	0,88	0,83
13' 1"	1,32	1,10	0,77	0,72
16' 5"	1,32	0,99	0,72	0,61
19' 8"	1,32	0,88	0,66	0,53
23' 0"	1,32	0,88	0,66	0,53
26' 3"	1,10	0,88	0,66	0,53
29' 6"	0,99	0,86	0,66	0,53
32' 10"	0,88	0,79	0,61	0,50
36' 1"	0,72	0,72	0,61	0,50
39' 4"	0,64	0,61	0,50	0,50
42' 8"	0,51	0,50	0,50	0,47
45' 11"	0,40	0,44	0,44	0,44
49' 3"	0,31	0,33	0,35	0,39
52' 6"	0,22	0,28	0,31	0,34
55' 9"		0,22	0,25	0,29
59' 1"			0,20	0,23
62' 4"				0,19
65' 7"				0,17
↑R (ft)	[sh tn]			





## SPX650 - JIB1200.3HX

		CRANE PERFORMANCE: <b>J6</b>			
L <sub>j</sub> (ft) →	7' 3"	11' 2"	15' 5"	19' 4"	
3' 3"	1,32	1,10	0,99	0,88	
6' 7"	1,32	1,10	0,99	0,88	
9' 10"	1,32	1,10	0,88	0,83	
13' 1"	1,32	1,10	0,77	0,72	
16' 5"	1,32	0,99	0,72	0,61	
19' 8"	1,32	0,88	0,66	0,53	
23' 0"	1,32	0,88	0,66	0,53	
26' 3"	1,10	0,88	0,66	0,53	
29' 6"	0,85	0,83	0,66	0,53	
32' 10"	0,64	0,64	0,61	0,50	
36' 1"	0,47	0,49	0,50	0,50	
39' 4"	0,40	0,44	0,46	0,50	
42' 8"	0,31	0,33	0,36	0,40	
45' 11"	0,22	0,25	0,28	0,31	
49' 3"	0,14	0,18	0,22	0,24	
52' 6"		0,13	0,17	0,20	
55' 9"			0,11	0,14	
59' 1"				0,11	
↑R (ft)	[sh tn]				LC650_V101_0321_JIB1200_3H_GANCIO_J6

## SPX650 - JIB1200.3HX

		CRANE PERFORMANCE: J5			
 	L <sub>j</sub> (ft) →	7' 3"	11' 2"	15' 5"	19' 4"
	3' 3"	1,32	1,10	0,99	0,88
	6' 7"	1,32	1,10	0,99	0,88
	9' 10"	1,32	1,10	0,88	0,77
	13' 1"	1,32	1,10	0,66	0,61
	16' 5"	1,32	0,99	0,64	0,55
	19' 8"	1,21	0,88	0,61	0,46
	23' 0"	0,88	0,88	0,60	0,46
	26' 3"	0,66	0,66	0,57	0,44
	29' 6"	0,52	0,52	0,50	0,44
	32' 10"	0,36	0,36	0,36	0,36
	36' 1"	0,24	0,24	0,24	0,24
	39' 4"	0,13	0,13	0,13	0,13
	↑R(ft)	[sh tn]			

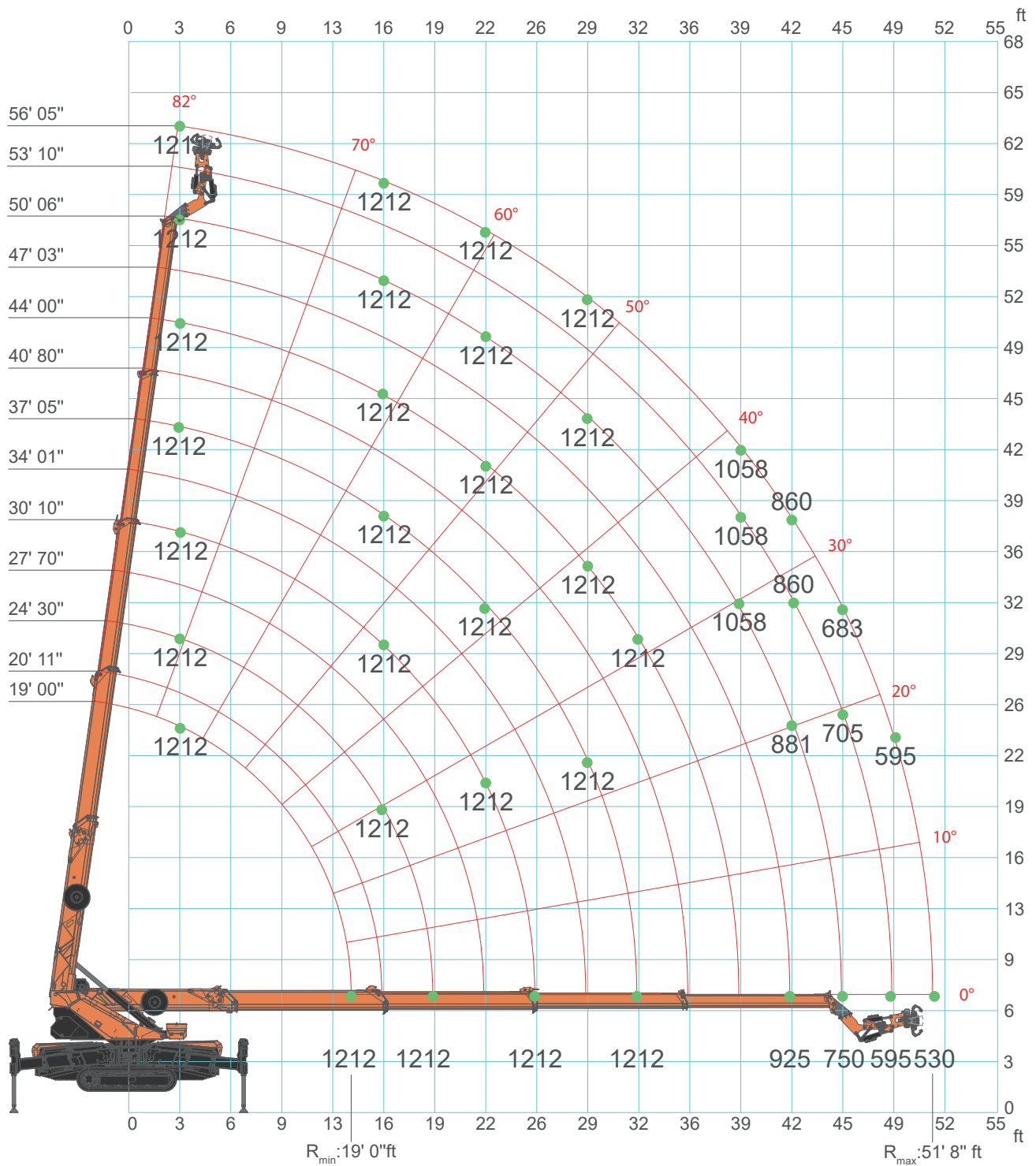
LC650\_V101\_0321\_JIB1200\_3H\_GANCIO\_J5

		CRANE PERFORMANCE: J4			
 	L <sub>j</sub> (ft) →	7' 3"	11' 2"	15' 5"	19' 4"
	3' 3"	1,32	1,10	0,88	0,71
	6' 7"	1,32	1,10	0,77	0,66
	9' 10"	1,32	1,10	0,57	0,55
	13' 1"	1,32	1,10	0,53	0,53
	16' 5"	1,10	0,99	0,50	0,50
	19' 8"	0,94	0,88	0,50	0,44
	23' 0"	0,66	0,66	0,50	0,42
	26' 3"	0,52	0,50	0,44	0,39
	29' 6"	0,35	0,35	0,33	0,33
	32' 10"	0,22	0,22	0,22	0,22
	36' 1"	0,11	0,11	0,11	0,11
	↑R (ft)	[sh tn]			

LC650\_V101\_0321\_JIB1200\_3H\_GANCIO\_J4

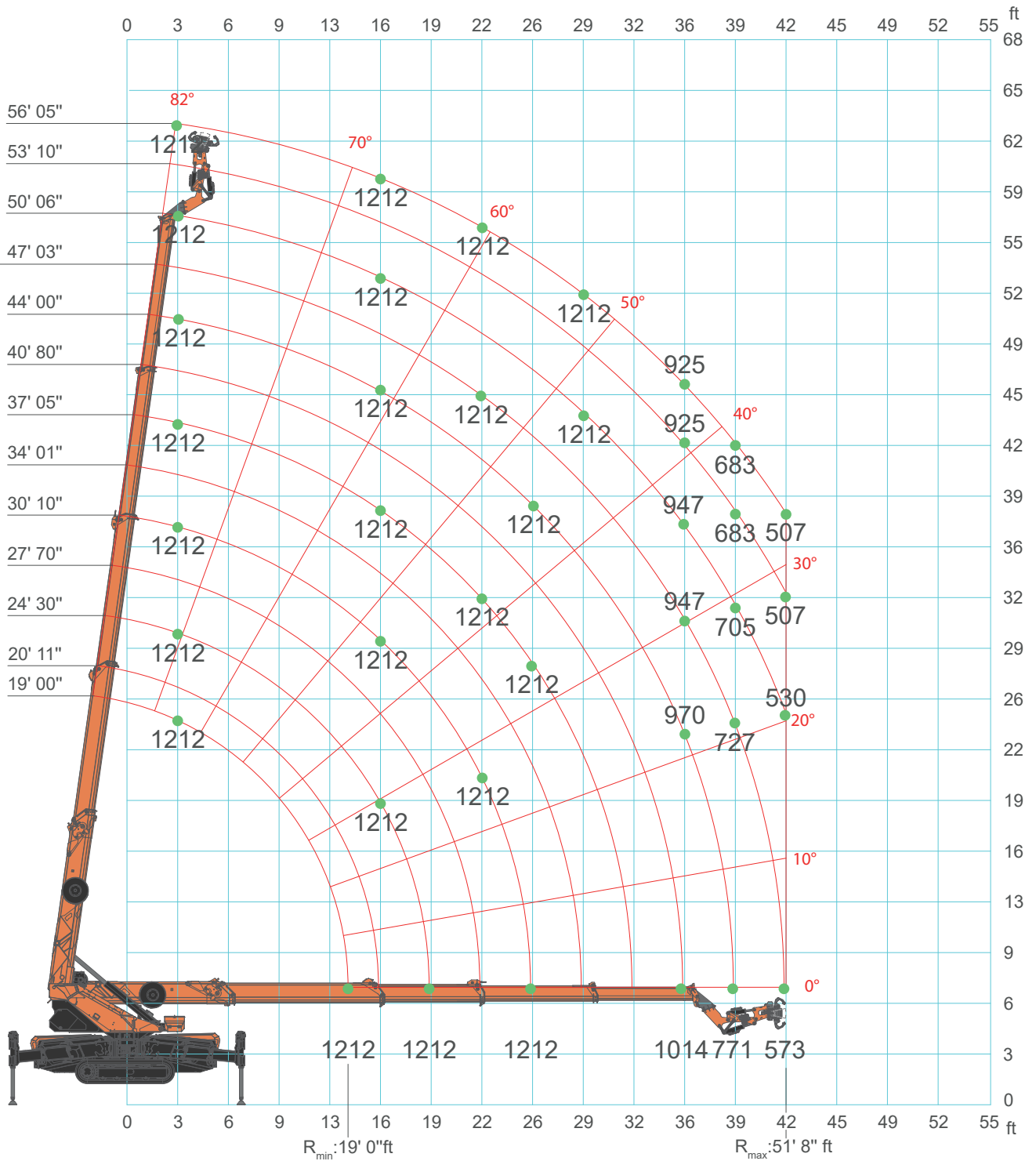
# SPX650 - JIB500GR

J7



## SPX650 - JIB500GR

J6




## SPX650 - JIB500GR

CRANE PERFORMANCE	d = 3' 7"	d = 4' 5"	d = 5' 6"	d = 6' 1"	d = 7' 5"	d = 8' 6"	
							J7
						J6	
				J5			
			J4				
		J3					
J1 - PICK & CARRY							
J0 - No LIFTING CAPACITY							
STABILITY AREA							


CRANE PERFORMANCE: J7													
$L_j$ (ft) →	13'1"	15'1"	18'4"	21'8"	24'1"	28'3"	31'6"	34'9"	38'1"	41'4"	44'7"	47'11"	50'6"
$L+L_j$ (ft) →	19'0"	21'0"	24'3"	27'7"	30'10"	34'1"	37'5"	40'8"	44'0"	47'3"	50'6"	53'10"	56'5"
3'3"	0,60	0,60	0,60	0,60	0,60	0,60	0,60	0,60	0,60	0,60	0,60	0,60	0,60
16'5"	0,60	0,60	0,60	0,60	0,60	0,60	0,60	0,60	0,60	0,60	0,60	0,60	0,60
19'8"			0,60	0,60	0,60	0,60	0,60	0,60	0,60	0,60	0,60	0,60	0,60
23'0"				0,60	0,60	0,60	0,60	0,60	0,60	0,60	0,60	0,60	0,60
26'3"					0,60	0,60	0,60	0,60	0,60	0,60	0,60	0,60	0,60
29'6"						0,60	0,60	0,60	0,60	0,60	0,60	0,60	0,60
32'10"							0,60	0,60	0,60	0,60	0,60	0,60	0,60
36'1"								0,60	0,60	0,60	0,60	0,60	0,60
39'4"									0,60	0,60	0,53	0,53	0,53
42'8"										0,46	0,44	0,43	0,43
45'11"											0,38	0,35	0,34
49'3"												0,30	0,30
51'8"													0,26
↑R(ft)	[sh tn]												

LC650\_V104\_0222\_JIB500GR\_3H\_GANCIO\_J7

## SPX650 - JIB500GR



		CRANE PERFORMANCE: J6												
L <sub>j</sub> (ft) →	13'1"	15'1"	18'4"	21'8"	24'11"	28'3"	31'6"	34'9"	38'1"	41'4"	44'7"	47'11"	50'6"	
L+L <sub>j</sub> (ft) →	19'0"	21'0"	24'3"	27'7"	30'10"	34'1"	37'5"	40'8"	44'0"	47'3"	50'6"	53'10"	56'5"	
3'3"	0,60	0,60	0,60	0,60	0,60	0,60	0,60	0,60	0,60	0,60	0,60	0,60	0,60	
16'5"	0,60	0,60	0,60	0,60	0,60	0,60	0,60	0,60	0,60	0,60	0,60	0,60	0,60	
19'8"			0,60	0,60	0,60	0,60	0,60	0,60	0,60	0,60	0,60	0,60	0,60	
23'0"				0,60	0,60	0,60	0,60	0,60	0,60	0,60	0,60	0,60	0,60	
26'3"					0,60	0,60	0,60	0,60	0,60	0,60	0,60	0,60	0,60	
29'6"						0,60	0,60	0,60	0,60	0,60	0,60	0,60	0,60	
32'10"							0,60	0,60	0,60	0,53	0,53	0,53	0,53	
36'1"								0,50	0,48	0,47	0,46	0,46	0,46	
39'4"									0,38	0,36	0,35	0,34	0,34	
42'8"										0,28	0,28	0,25	0,25	
↑R (ft)	[sh tn]													

LC650\_V104\_0222\_JIB500GR\_3H\_GANCIO\_J6



		CRANE PERFORMANCE: J5												
L <sub>j</sub> (ft) →	13'1"	15'1"	18'4"	21'8"	24'11"	28'3"	31'6"	34'9"	38'1"	41'4"	44'7"	47'11"	50'6"	
L+L <sub>j</sub> (ft) →	19'0"	21'0"	24'3"	27'7"	30'10"	34'1"	37'5"	40'8"	44'0"	47'3"	50'6"	53'10"	56'5"	
3'3"	0,60	0,60	0,60	0,60	0,60	0,60	0,60	0,60	0,60	0,60	0,60	0,60	0,60	
16'5"		0,60	0,60	0,60	0,60	0,60	0,60	0,60	0,60	0,60	0,60	0,60	0,60	
19'8"			0,60	0,60	0,60	0,60	0,60	0,60	0,60	0,60	0,60	0,60	0,60	
23'0"				0,60	0,60	0,60	0,60	0,60	0,60	0,60	0,60	0,60	0,60	
26'3"					0,60	0,60	0,60	0,60	0,60	0,60	0,60	0,60	0,60	
29'6"						0,60	0,60	0,54	0,54	0,54	0,54	0,52	0,50	
32'10"							0,43	0,40	0,38	0,38	0,37	0,37	0,37	
36'1"								0,30	0,28	0,26	0,26	0,26	0,26	
↑R (ft)	[sh tn]													

LC650\_V104\_0222\_JIB500GR\_3H\_GANCIO\_J5

## SPX650 - JIB500GR

 		CRANE PERFORMANCE: J4												
L <sub>J</sub> (ft) →		13'1"	15'1"	18'4"	21'8"	24'11"	28'3"	31'6"	34'9"	38'1"	41'4"	44'7"	47'11"	50'6"
L+L <sub>J</sub> (ft) →		19'0"	21'0"	24'3"	27'7"	30'10"	34'1"	37'5"	40'8"	44'0"	47'3"	50'6"	53'10"	56'5"
3'3"		0,55	0,55	0,55	0,55	0,55	0,55	0,55	0,55	0,55	0,55	0,55	0,55	0,55
16'5"		0,55	0,55	0,55	0,55	0,55	0,55	0,55	0,55	0,55	0,55	0,55	0,55	0,55
19'8"				0,55	0,55	0,55	0,55	0,55	0,55	0,55	0,55	0,55	0,55	0,55
23'0"					0,55	0,55	0,55	0,55	0,55	0,55	0,55	0,55	0,55	0,55
26'3"						0,55	0,55	0,55	0,49	0,49	0,49	0,47	0,45	0,44
29'6"							0,39	0,37	0,35	0,34	0,34	0,34	0,32	0,31
32'10"								0,27	0,25	0,23	0,23	0,22	0,22	0,22
↑R (ft)	[sh tn]													

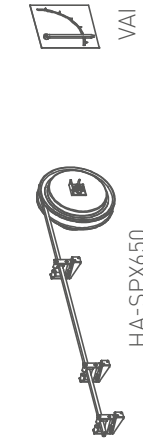
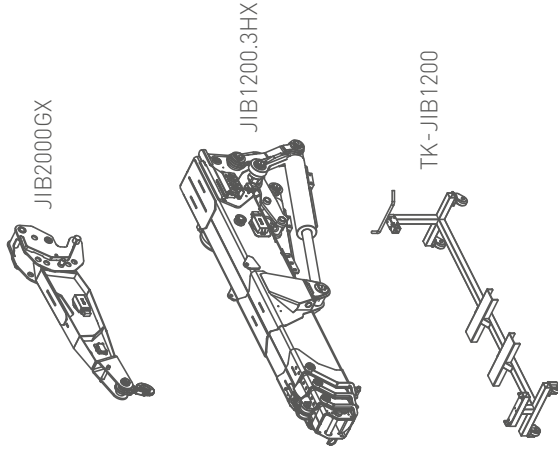
LC650\_V104\_0222\_JIB500GR\_3H\_GANCIO\_J4

 		CRANE PERFORMANCE: J3												
L <sub>J</sub> (ft) →		13'1"	15'1"	18'4"	21'8"	24'11"	28'3"	29'6"						
L+L <sub>J</sub> (ft) →		19'0"	21'0"	24'3"	27'7"	30'10"	34'1"	35'5"						
3'3"		0,60	0,60	0,60	0,60	0,60	0,60	0,60						
13'1"		0,60	0,60	0,60	0,60	0,60	0,60	0,60						
16'5"			0,60	0,60	0,60	0,60	0,60	0,60						
19'8"				0,52	0,52	0,52	0,52	0,52						
23'0"					0,52	0,50	0,50	0,50						
26'3"						0,37	0,34	0,32						
29'6"							0,23	0,22						
↑R (ft)	[sh tn]													

LC650\_V104\_0222\_JIB500GR\_3H\_GANCIO\_J3

## ACCESSORIES SPX650CL-2

### ATTACHMENTS & TOOLS



### CRANE OPTIONS



LAYOUT



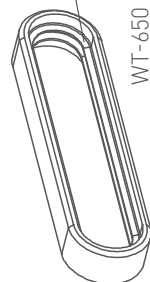
ARTIC-OIL-650



WUK-CL



4T-D8



### J-CONNECT



### BATTERY CHARGERS



BC3-110V60A

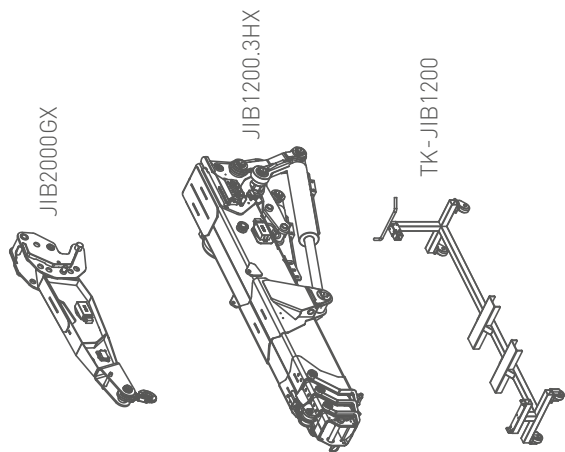


BC-EXT-532-650

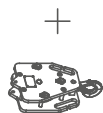


## ACCESSORIES SPX650CDH

### ATTACHMENTS & TOOLS



W800.80-2  
W800.65-P-2  
W800-85-P-2



Pulley Block 6T



VAI



HA-SPX650



LAYOUT



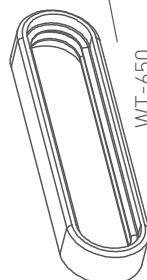
WUK-03.1



ARTIC-OIL-650



4T-D8



WT-650

### ELECTRIC POWER PACK



PP230-6.B



PP400-6.B



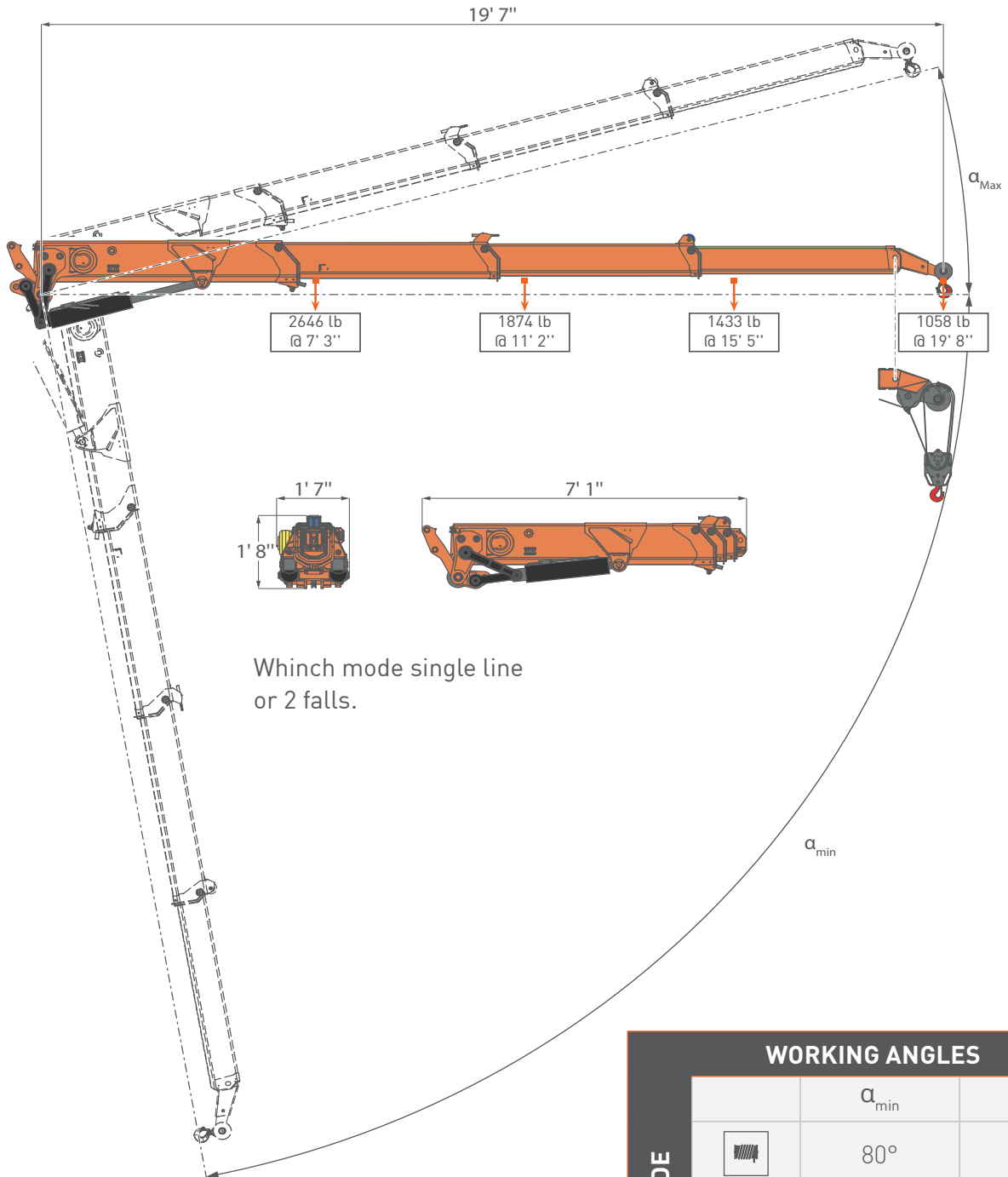
PP220-4.B



### J-CONNECT




J-CON  
J-CON-Y2  
J-CON-NW  
3YW-650

## ACCESSORIES FEATURES JIB1200.3HX



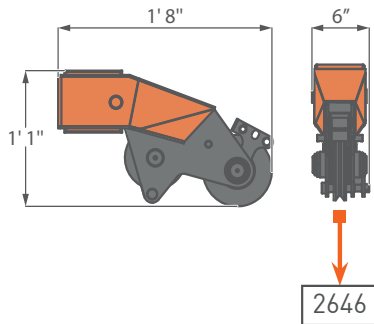
WORKING ANGLES		
	$\alpha_{min}$	$\alpha_{Max}^*$
<b>MODE</b> 	80°	-5°
	80°	-15°

\*:  $\alpha_{Max}$  is intended relative to boom angle.

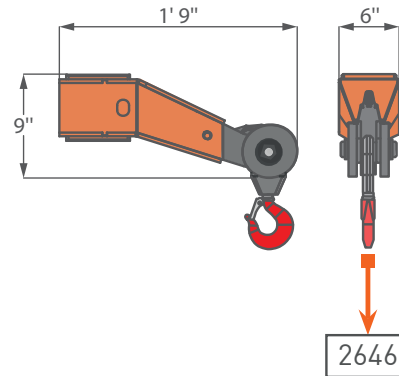
	JIB	JIB1200.3HX	lb	40
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## ACCESSORIES FEATURES

### JIB TILTING PULLEY HEAD

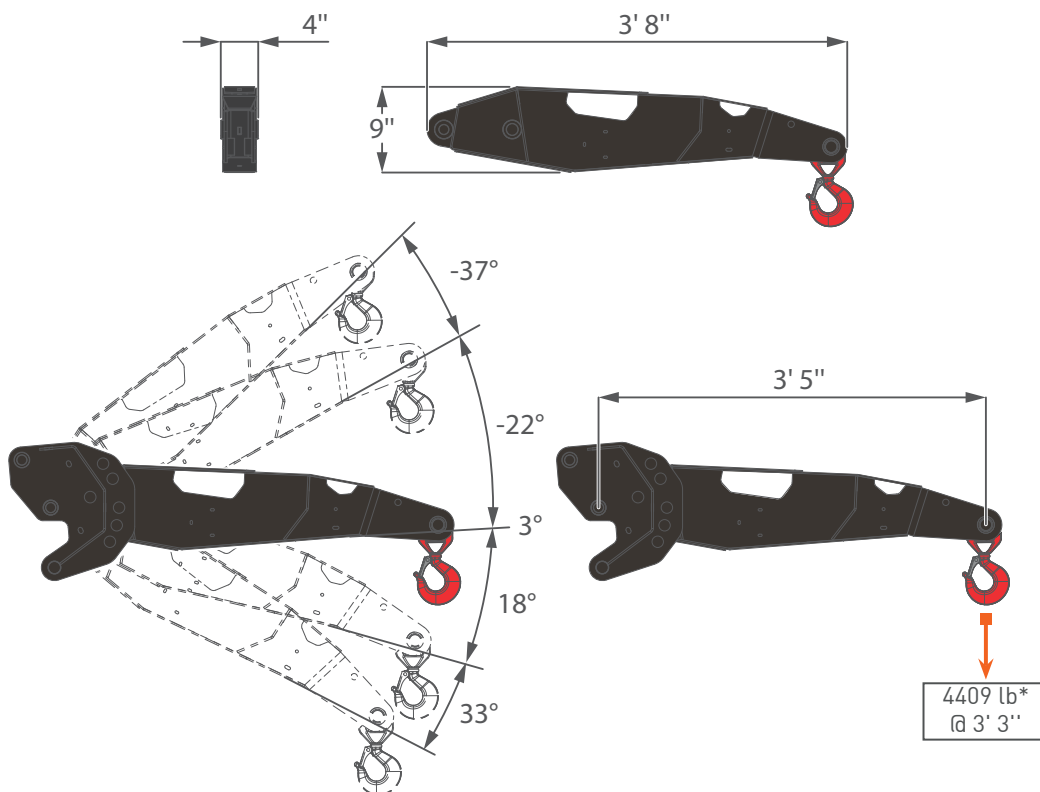


### JIB HOOK HEAD






















	JIB	JIB Tilting Pulley Head	lb	40
	JIB	JIB Hook Head	lb	31

### JIB2000GX



	JIB	JIB2000.GX	lb	88
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## SYMBOLS

	Weight		Engine		Boom Angle		Hydraulic Oil
	Counterweight		Main Winch		Boom Length		Back Wheel Loading Point
	Crane		Slewing		Outriggers Mats		Outriggers Setup
	Dimensions		Track Loading		Outrigger Load		Toolbox
	Stabilization Area		Electric Engine		Jib		

### REMARKS REFERRING TO LOAD CHART

- The load charts are calculated according to EN 13000.
- For the calculation of the load charts at least a wind speed of 9m/s (33km/h) and regarding the load a sail area of 1m<sup>2</sup> per ton load and a wind resistance coefficient of 1.2 on the load have been taken into account. For lifting of loads with large sail areas and/or high wind resistance coefficients the maximum wind speed as stated in the load charts has to be reduced.
- Lifting capacities are given in kilograms.
- The weight of the hook blocks and hooks is part of the load and therefore it must be deducted from the lifting capacities.
- Working radii are measured from the slewing centre.
- The lifting capacities given for the telescopic boom apply if the folding jib is removed.
- Subject to modification of lifting capacities.

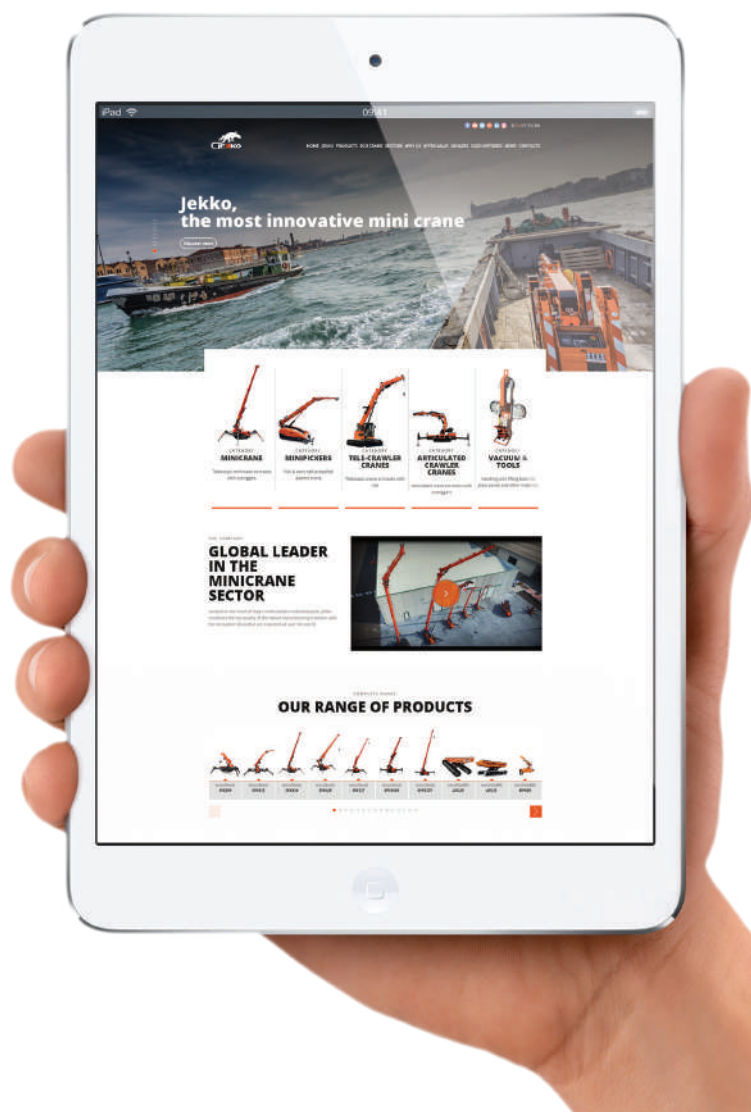
## YOUR JEKKO DEALER

**EN** All specifications and features herein described can be changed without prior advice. All indicated data are indicative only and are not binding as crane performs differently depending on its use. **IT** Tutte le caratteristiche e le specifiche descritte possono essere soggette a variazioni senza preavviso. Tutti i dati riportati sono forniti a puro titolo informativo e non sono impegnativi dal momento che le prestazioni della macchina variano in funzione dell'utilizzo. **DE** Unangekündigte Änderungen sämtlicher Eigenschaften und Daten sind möglich. Alle Angaben sind Richtwerte und nicht verbindlich da die Leistungen der Vorrichtung von deren Einsatz abhängen. **ES** Todas las características y las especificaciones aquí indicadas pueden ser sujetas a variaciones sin aviso. Se dan todos los datos aquí indicados como simples informaciones. No se consideran como vinculantes, dado que las prestaciones del maquinario pueden variar. **FR** Toutes les caractéristiques et les spécifications descriptives peut être sujet à variation sans préavis. Tout les données rapportés sont fournis à titre informatif et ne sont pas engager au moment que la prestation de la machine change en fonction de l'emploi.



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SERIAL NUMBER:

20.01.2023 | Rev. 8