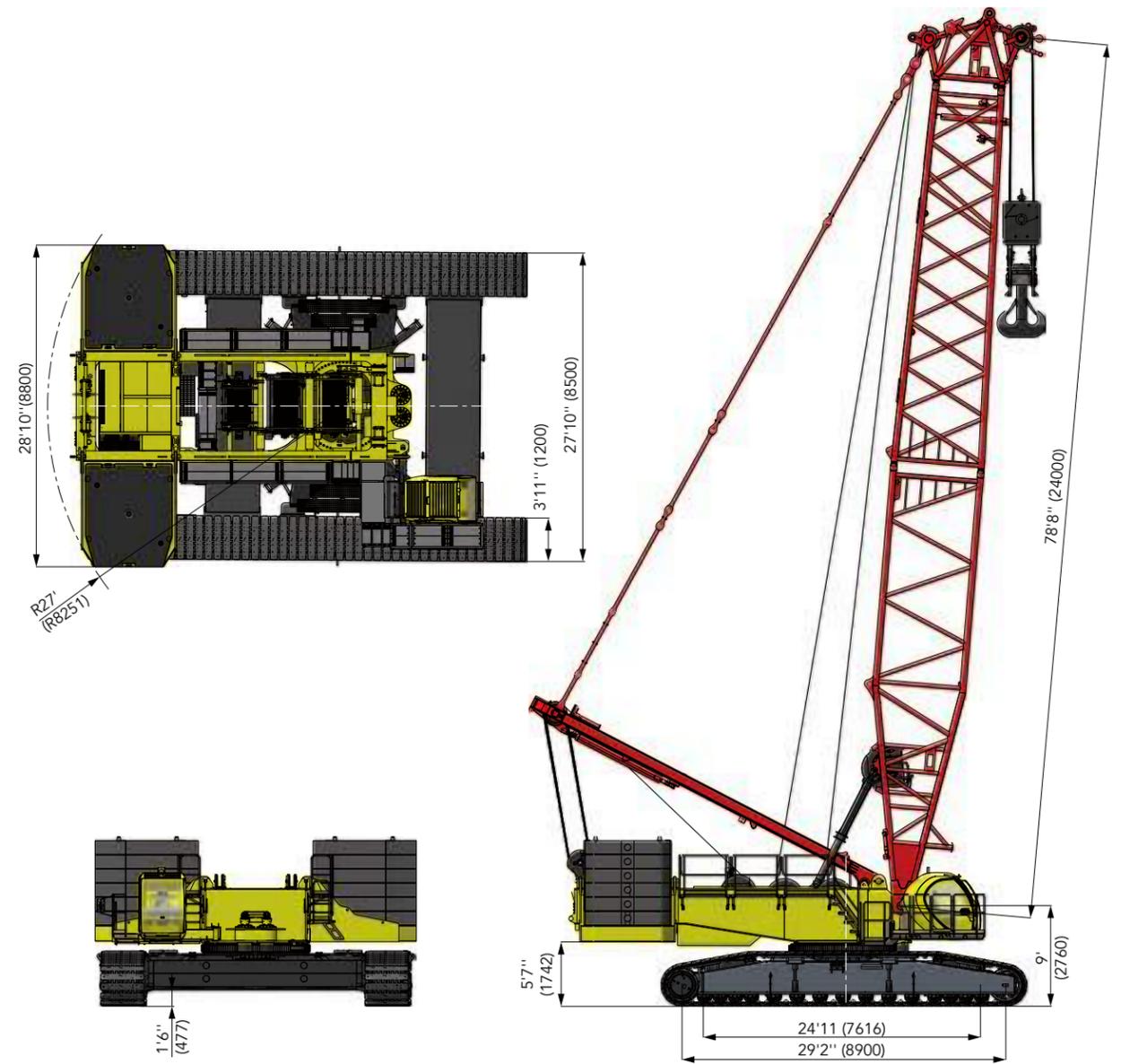


Main Performance & Specifications

Main Performance & Specifications of SCA4000A			
Performance Indicators		Unit	Parameter
Boom Configuration	Max. rated lifting capacity	Klb (mt)	881.8 (400)
	Max. rated lifting moment	Klb×ft (mt·m)	848,765×23' (2,695=385×7)
	Max. rated lifting moment (with superlift)	Klb×ft (mt·m)	734,162×52'6" (5,328=333×16)
	Boom length (H)	ft (m)	78.7~275.6 (24~84)
	Boom length (HDB with superlift)	ft (m)	118.1~275.6 (36~84)
	Length of mixed boom (HJ)	ft (m)	147.6~324.8 (45~99)
	Length of mixed boom (HJDB with superlift)	ft (m)	226.4~403.5 (69~123)
Luffing Jib Configuration	Boom Working Angles	°	30~85
	Length of luffing jib (LJ)	ft (m)	68.9~226.4 (21~69)
	Length of luffing jib (LJDB with superlift)	ft (m)	68.9~265.7 (21~81)
	Combination of longest boom+luffing jib (LJDB Configuration)	ft (m)	275.6+265.7 (84+81)
Short Heavy Fixed Jib Configuration	Luffing Jib Working Angles	°	15~75
	Short Heavy Fixed Jib Length	ft (m)	29.5 (9)
	Boom + Short Heavy Fixed Jib (FJh Configuration)	ft (m)	78.7+29.5 (24+9)
Fixed Jib Configuration	Boom + Fixed jib (FJhDB Configuration)	ft (m)	118'1"+29'6" (36+9)
	Mixed Boom + Fixed jib (HJFJ Configuration)	ft (m)	295'3"+29.5 (90+9)
Operation Speed	Main Load Hoist Max Line Speed	ft/min (m/min)	0~459 (0~140)
	Auxiliary Load Hoist Max Line Speed	ft/min (m/min)	0~459 (0~140)
	Boom Hoist Max Line Speed	ft/min (m/min)	(0~213)×2 (0~65)×2
	Luffing Jib Hoist Max Line Speed	ft/min (m/min)	(0~328) (0~100)
	Superlift Hoist Max Line Speed	ft/min (m/min)	(0~328) (0~100)
	Swinging Speed	rpm	0~1.4
	Travel speed	mile/h (km/h)	0~0.6(high)/0~0.2(low) 0~1(high)/0~0.4(low)
Engine	Max power/rated speed	HP/rpm	400/2,100
	Max. transport dimension of single piece (L × W × H)	ft (m)	39.4 × 9.8 × 10.8 12 × 3 × 3.3
Transport Parameters	Max. transport weight of single piece	Klb (mt)	91.1 (41.3)
	Gradeability (with basic boom)	%	15
Other Parameters	Average ground pressure of (basic boom, 330.6 Klb rear counterweight, 88.1 Klb carbody weight, and 440UST hook)	PSI	24.2

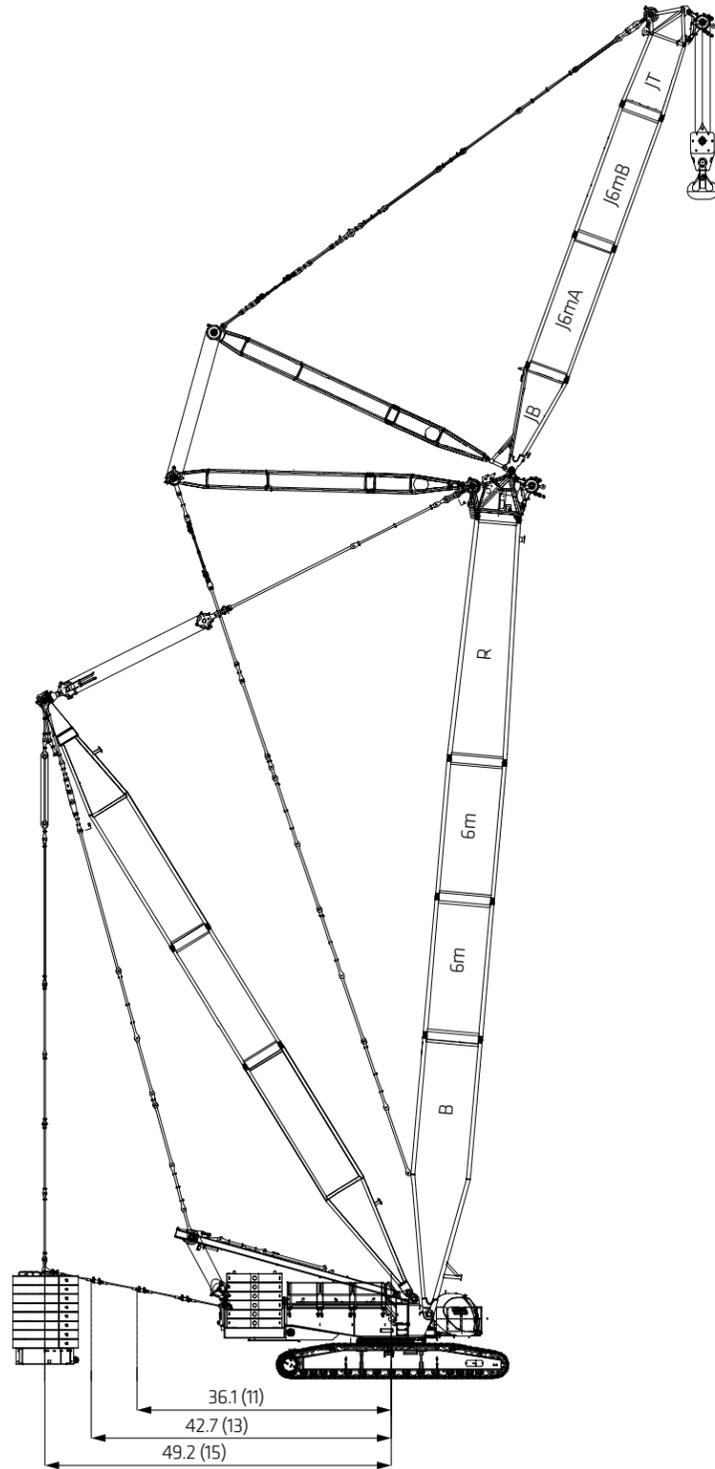
Outline Dimension

Unit: ft (m)

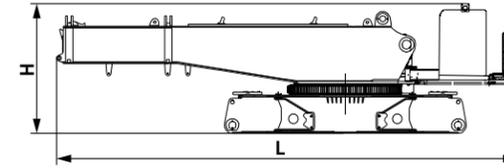


Unit: ft (m)

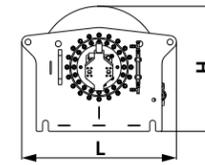
Outline Dimension



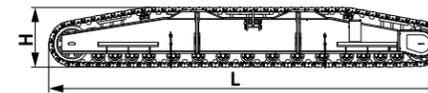
Transport Dimensions



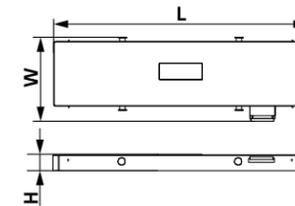
Basic machine ×1	
Length (L)	39.4' (12m)
Width (W)	9.8' (3m)
Height (H)	10.8' (3.3m)
Weight	91,051 lbs. (41.3mt)



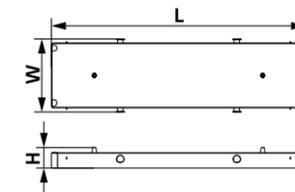
Hoist mechanism ×2	
Length (L)	6' (1.83m)
Width (W)	4.3' (1.32m)
Height (H)	3.5' (1.07m)
Weight	12,125 lbs. (5.5mt)



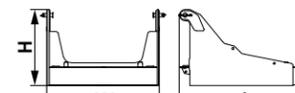
Crawler ×2	
Length (L)	33' (10.34m)
Width (W)	5.3' (1.71m)
Height (H)	5' (1.51m)
Weight	58,423 lbs. (26.5mt)



Upper carbody counterweight ×2	
Length (L)	19.3' (5.89m)
Width (W)	6.4' (1.94m)
Height(H)	1.2' (0.36m)
Weight	22,046 lbs. (10mt)



Lower carbody counterweight ×2	
Length (L)	19.3' (5.89m)
Width (W)	5.6' (1.70m)
Height (H)	1.2' (0.36m)
Weight	22,046 lbs. (10mt)



Rear counterweight tray ×2	
Length (L)	10.5' (3.20m)
Width (W)	8.8' (2.67m)
Height (H)	5.9' (1.80m)
Weight	33,069 lbs. (15mt)