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SCA2600A
LATTICE BOOM CRAWLER CRANE
300 UST (272 mt) LIFTING CAPACITY

MADE FOR AMERICA

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Main Performance Specifications

Major Performance Specifications of SCA2600A			
Performance Indicators		Unit	Parameter
Boom Configuration	Max. rated lifting capacity	Klb (mt)	600 (272)
	Max. rated lifting moment	Klb×ft (mt·m)	405.2Klb×26ft (183.8×8)
	Boom length	ft (m)	65.6~301.8 (20~92)
	Boom angle	°	30°~85°
Fixed Jib Configuration	Longest boom + longest fixed jib	ft (m)	203.4+137.8 (62+42)
	Boom to jib angle	°	10°, 30°
Heavy Fixed Jib Configuration	Boom + heavy fixed jib	ft (m)	65.6+39.4 (20+12)
	Boom to jib angle	°	20
Luffing Jib Configuration	Largest lifting moment	lbs·ft (mt·m)	137,786×59 (62.5×18)
	Longest boom + longest luffing jib	ft (m)	203.4+206.7 (62~63)
	Boom luffing angle	°	65°~88°
Operation Speed	Speed of single rope of the main hoist (outermost work layer)	ft/min (m/min)	0~410.1 (0~125)
	Max. (aux.) speed of single rope of the main hoist (free fall) (optional)	ft/min (m/min)	0~383.9 (0~117)
	Boom hoist winch speed (outermost layer)	ft/min (m/min)	0~433.1 (0~132)
	Jib hoist winch speed (outermost layer)	ft/min (m/min)	0~252.6 (0~77)
	Swinging speed	rpm	0~1.8
	Travel speed	mile/h(km/h)	0~0.62 (0~1.0)
Machine weight	Basic boom, 220.5Klb rear counterweight, 88.2Klb carbody counterweight, 330 UST hook	Klb (mt)	562.2 (255)
Engine	Output power	HP	450
	Rated speed	rpm	1,800
Transport Parameter	Max. transport weight of single part (with main and aux. hoist winches)	Klb (mt)	99.2 (45)
	Max. transport dimension of single part (L × W × H)	ft (m)	43.7×9.8×10.5 (13.32×3×3.2)
Other Parameters	Average ground pressure	PSI	20
	Gradeability	--	30%

Basic Dimensions of Crane

