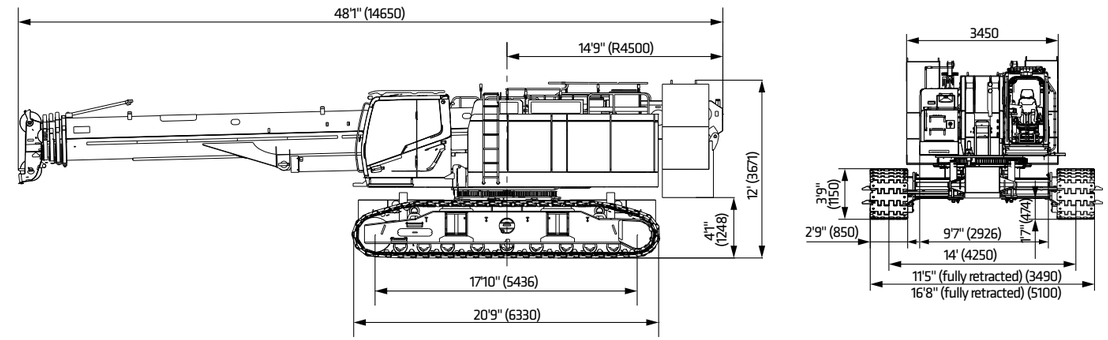
Unit: fT (mm)

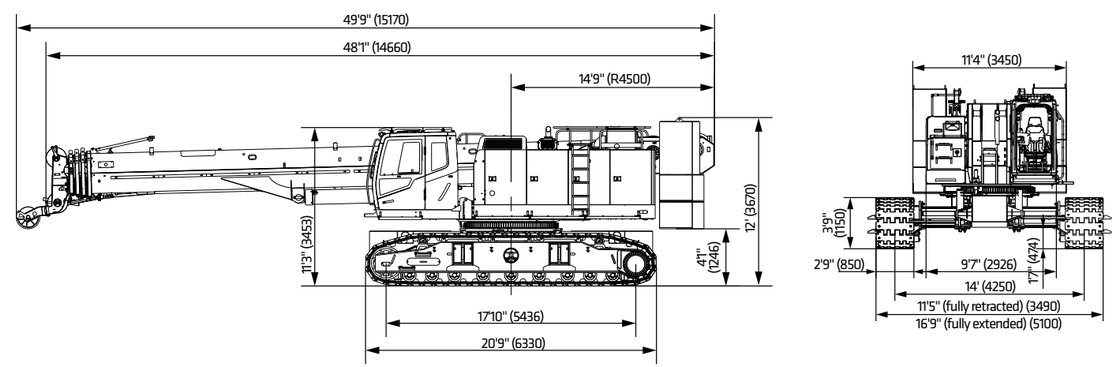
Major Performance & Specifications

Major Performance & Specifications of SCA900TB			
Performance indicators		Unit	Parameter
Boom configuration	Maximum rated lifting capacity	UST (t)	90 (81.6)
	Boom length	fT (m)	40~154.2 (12.2~47)
	Boom angle	°	-1.5~80
	Max. rated load moment	Klb·fT (t·m)	2170Klb·fT (300)
Jib configuration	Longest boom + longest jib	fT (m)	154.2+57.4 (47+17.5)
	Boom to jib angle	°	0, 15, 30
Operation speed	Rope speed of main/aux. load hoist	ft/min (m/min)	0-459.4 (0~140)
	Boom full up/down duration	s	80/105
	Boom full extension/retraction duration	s	100/125
	Swing speed	rpm	0~2
	Travel without load	mph	0~1.6
Engine	Output power		325
	Rated speed	HP	1800
Wire rope	Diameter	in (mm)	0.87 (22)
Transport parameter	Machine weight with jib, counterweights, and crawlers	Klb (t)	193.3 (87.7)
	Transport weight of basic machine	Klb (t)	121.1 (54.9)
	Transport dimensions of basic crane (dismantling crawler frame) length×width×height	fT (mm)	47.8x11.5x11.5 (14560x3490x3500)
Other parameters	Average ground bearing pressure (base boom)	PSI	13
	Min. swing radius	fT (mm)	14.8 (4500)
Gradeability		%	30

In the interest of continual equipment development, SANY America Inc. reserves the right to change these specifications at any time without prior notification.

Outline Dimension





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