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SANY CRAWLER CRANE SCC 1000E

Main Performance Data

Main Performance Data of SCC1000E Crawler Crane

Performance index		Unit	Data
Boom operating condition	Max. Rated Lifting Capacity	t	100
	Max. Lifting Torque	t•m	100×3.6
	Boom Length	m	13~61
	Boom Luffing Angle	°	30~80
Fixed Jib Operating Condition	Max. Rated Lifting Capacity	t	8
	Max. Lifting Torque	t m	8×24
	Jib Length	m	9~18
	Max.Length Boom + Max. Length Jib	m	52+18
Luffing jib Operating Condition	Max. lifting capacity	t	18.4
	Max. lifting torque	t•m	15t×14
	Longest boom + longest luffing jib	m	43.3+31
	Boom luffing angle	°	60~90
	Jib luffing angle	°	15~75
Operating Speed	Rope Speed of Main and Auxiliary Winches(4 th layer)	m/min	0~120
	Rope Speed of Luffing Winch(4 th layer)	m/min	0~58
	Swing Speed	rpm	0~3.2
	Traveling Speed	km/h	0~1.5
Engine	Engine Type		6CTAA8.3-C240
	Rated Power/Rate Speed	kW/ rpm	179/2200
Transportation Data	Basic Boom Weight	t	85
	Max. Transportation Weight of Single Piece(with track frame and boom base)	t	43
	Transportation Dimension(with track frame and boom base)Length×Width×Height	mm	13300×3490×3450
Other Data	Average Ground Pressure	MPa	0.085
	Gradeability	%	30

Superstructure Engine

- Standard Configuration: inline 6 cylinders turbocharging & intercooling.
- Rate Power/Speed: 179kW/2200rpm;
- Emission Standard: Tier II
- Air Filter: Two-stage filtering system composed of air pre-filter and air filter.
- Fuel Tank: 400L



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