



# SANY

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## HYDRAULIC CRAWLER CRANE SCC 750E



# Performance Parameters

Main technical parameters of SCC750E crawler crane			
Performance Index		Unit	Parameter
Standard Boom Operating Condition	Max. Rated Lifting Capacity	t	75
	Max. Lifting Torque	m	71t×4m
	Length of Basic Boom	m	12
	Longest Boom	m	57
	Boom Luffing Angle	°	30° ~80°
Fixed Jib Operating Condition	Max. Rated Lifting capacity	t	7
	Max. Rated Lifting Torque	m	6.7t×22m
	Boom Length	m	27~42
	Jib Length	m	9~18
	Longest boom + Longest luffing jib	m	42+18
Speed parameters	Rope Speed of Main and Auxiliary Winches	m/min	0~120(Forth layer)
	Rated single lifting rope pull	t	7
	Rope Speed of Luffing Winch*	m/min	0~100(Forth layer)
	Slewing Speed	rpm	0~3
	Traveling Speed*	Km/h	0~1.2
	Gradient capability	%	30
Engine	Engine Type Model		Dongfeng Commins 6CTAA8.3-C240
	Output power	kW	179
	Rated speed	rpm	2200
Transportation Parameter	Overall weight (Basic boom + 75t hook)	t	63
	Weight of counterweight	t	24
	Max. Transportation Weight of Single Piece (including boom base, but not including central and rear counterweights)	t	34.3
	Transportation Dimension mm (L×W×H) (including boom base, but not including central and rear counterweights)	mm	12300×3360×3300
	Average Ground Pressure	MPa	0.09

## Engine

- Commins inline six-cylinder water-cooled turbo 6CTAA8.3-C240 engine is adopted as standard configuration.
- 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 Volume: 400L



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