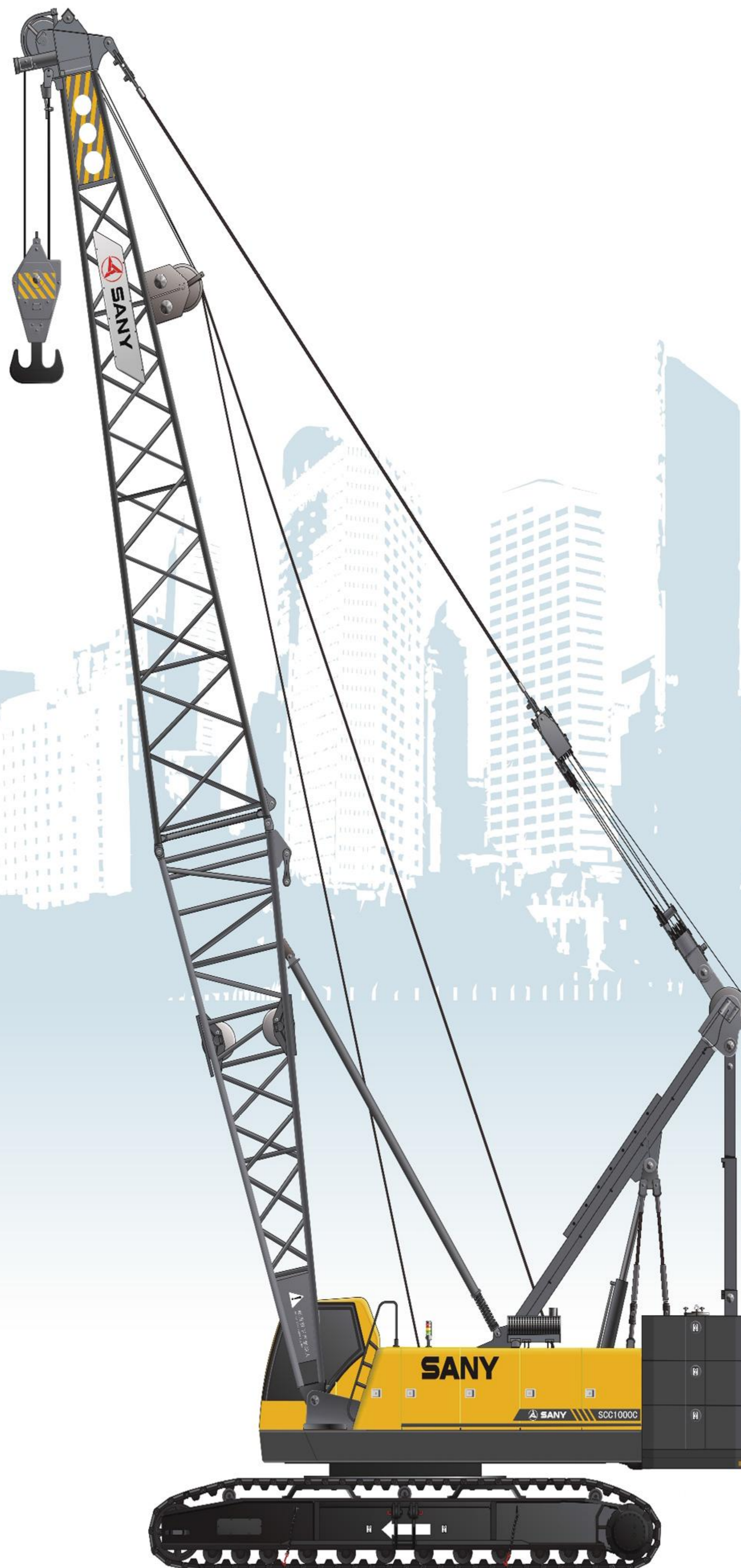




# SANY

Quality Changes the World



## **SANY CRAWLER CRANE SCC 1800**



# Performance Data

Main performance data of SCC1800 crawler crane			
Performance index		Unit	Data
Boom operating condition	Max. rated lifting capacity	t	180
	Length of boom	m	16~85
	Boom luffing angle	°	30~80
Operating Condition of Fixed Jib	Fully extended boom + fully extended fixed jib	m	70+31
	Included angle between boom and jib	°	10,30
Operating condition of luffing jib	Max. rated lifting moment	t•m	48.7×14
	Fully extended boom + fully extended luffing jib	m	53+52
	Boom luffing angle	°	65~85
	Jib luffing angle	°	15~75
Speed parameters	Rope speed of main (auxiliary) winch (outermost working layer)	m/min	0~125
	Rope speed of main luffing winch (outermost working layer)	m/min	,0~24,×2
	Rope speed of auxiliary luffing winch (outermost working layer)	m/min	2~48
	Swing speed	rpm	0~2
	Travel Speed	km/h	0~1.2/0~0.6 (two speeds)
	Gradeability	%	30
Engine	Output power/rated speed	kW/rpm	242 /2100
Transportation parameters	Maximum transport weight of single piece	t	41
	Transport dimensions (length X width X height)	mm	10130×3000×3200
	Average ground pressure	MPa	0.1

## ■ Engine

U.S. Cummins QSL9 tier3 diesel engine with rated power of 242kw (324hp)/2100 rpm and rated torque output 1424N•m/1500rpm.

Engine body (cast die) heater (120V), intake manifold grid heaters, high silencing muffler, radiator and fan.

EFI engine conforms to European and U.S. Non-highway Stage 3 Emission Standard.

One 400L diesel Fuel tank



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