THE ESSENCE OF SANY BRAND LIES IN ITS HIGH RELIABILITY

SCC2000 Hydraulic Crawler Crane

■Rated lifting load 210 t;

■The maximum lifting moment 210   4.8 t • m;

■Boom's length 16.5 m ～ 85.5 m;

■The longest boom +the longest fixed jib 73.5 m + 31 m;

■The longest boom +the longest luffing jib 58 m + 52 m;

■Equipped with safety equipments such as load moment indicator and automatic safe pawl, guaranteeing high safety;

■The engine meets with Europe Off-highway Third-stage Discharge Standard (Europe III);

■The hydraulic system utilizes load-sensing control technology, enabling high ratio of power utilization;

■Precision manipulation of electro-hydraulic proportion and adjustment control system of limit load, with excellent speed control performance;

■Independent closed hydraulic system of the swing mechanism, providing stable swing;

■Great line pull, wide range of usage;

■Main and aux. winch are interchangeable;

■Self-assembly/disassembly function is applicable;

■Professional and highly efficient technical service;

Key Technical Parameters of SCC2000 Crane

SANY

Item		Unit	Technical Performance Parameters
Boom work condition	Rated lifting load	t	210
	The maximum lifting moment	t·m	210 × 4.8
	Boom's length	m	16.5~85.5
	Boom's luffing angle		30°~80°
Fixed jib work condition	Boom's length	m	40.5~73.5
	The jib's length	m	13~31
	The longest boom +the longest jib	m	73.5 + 31
	Boom's luffing angle		30°~80°
Luffing jib work condition	The maximum lifting moment	t·m	58.5 × 9.8
	Tower's length	m	22~58
	Tower jib's length	m	22~52
	The biggest tower +tower jib	m	58 + 52
	Tower luffing angle		63°~88°
Speed data	Rope speed of main winch	m/min	0~120
	Rope speed of aux. winch	m/min	0~120
	Rope speed of main luffing	m/min	(0~26)×2
	Rope speed of aux. luffing	m/min	0~25
	Swing speed	rpm	1.35
	Travel speed	km/h	0.65 / 1.3（double speed）
	Gradeability	%	30
Engine	Model		Cummins QLS9
	Output power	KW	242
	Rated speed	rpm	2100
Transportation parameters	Weight of the whole machine (basic boom，200t hook)	t	200
	Counterweight	t	80 + 20
	The maximum transport weight of a single article	t	45
	Transport dimension （length×width×height）	mm	12155 × 3417 × 3665
	Ground pressure (basic boom，200t hook)	MPa	0.11

Main Dimensions

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■ Product specs and configurations vary with the needs of different countries and districts. Please contact us for details.

SCC2500 Hydraulic Crawler Crane

- Rated lifting load 260t;
- The maximum lifting moment 260 4.8 t•m;
- Boom's length 16.5 m〜91.5m;
- The longest boom +the longest jib 61.5m+52m or 52.5m+61m;
- Equipped with safety equipments such as load moment indicator and automatic safe pawl, guaranteeing high safety;
- The engine meets with Europe Off-highway Third-stage Discharge Standard (Europe III);
- The hydraulic system utilizes load-sensing control technology, enabling high ratio of power utilization;
- Precision manipulation of electro-hydraulic proportion and adjustment control system of limit load, with excellent speed control performance;
- Independent closed hydraulic system of the swing mechanism, providing stable swing;
- Great line pull, wide range of usage;
- Main and aux. winch are interchangeable;
- Optional fixed and luffing jib;
- Self-assembly/disassembly function is applicable;
- Professional and highly efficient technical service;

Key Technical Parameters of SCC2500 Crane

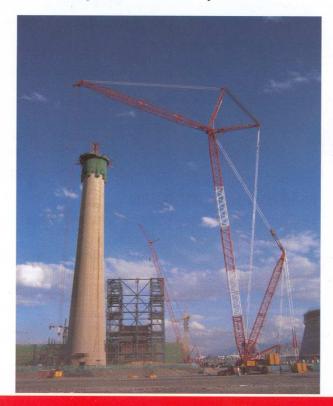|	Item	Unit	Technical Performance Parameters
Boom work condition	Rated lifting load	t	260
	The maximum lifting moment	t·m	260×4.8
	Boom's length	m	16.5～91.5
	Boom's luffing angle		30°～81°
Fixed jib work condition	Boom's length	m	28.5～76.5
	The jib's length	m	13～31
	The longest boom +the longest jib	m	76.5+31
	Boom's luffing angle		30°～81°
	The maximum lifting moment	t·m	72×10
Luffing jib work condition	Tower frame length	m	22.5～61.5
	Tower jib's length	m	22～61
	The biggest tower frame +tower jib	m	61.5+52or52.5+61
	Tower luffing angle		63°～88°
Speed data	Rope speed of main winch	m/min	0～143
	Rope speed of aux. winch	m/min	0～143
	Rope speed of main luffing	m/min	（0～31）×2
	Rope speed of aux. luffing	m/min	0～34
	Swing speed	rpm	1.8
	Travel speed	km/h	0.52/1.04（double speed）
	Gradeability	%	30
Engine	Model		Cummins QLS9
	Output power	KW	242
	Rated speed	rpm	2100
Transportation parameters	Weight of the whole machine	t	223
	Counterweight	t	24+92
	The maximum transport weight of a single article	t	47
	Transport dimension （length×width×height）	mm	13700×3400×3400
	Ground pressure (basic boom)	MPa	0.108

Main Dimensions

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SCC4000 Hydraulic Crawler Crane

■Rated lifting load 400t;

■The maximum lifting moment 182 11 t•m（without super-lift）

■The maximum lifting moment 251 20 t•m（with super-lift）

■Boom's length 24m～78m（without super-lift）；

■Boom's length 30m～117m（with super-lift）；

■The longest boom +the longest jib 54m+63m（without super-lift）；

■The longest boom +the longest jib 84m+87m（with super-lift）；

■Equipped with safety equipments such as load moment indicator and automatic safe pawl, guaranteeing high safety；

■The engine meets with Europe Off-highway Second-stage Discharge Standard;

■In the hydraulic system, lifting, travel and swing utilize closed loop, while luffing applies load-sensing control technology, enabling high ratio of power utilization;

■Precision manipulation of electro-hydraulic proportion and adjustment control system of limit load, with excellent precision performance;

■Independent closed hydraulic system of the swing mechanism, providing stable swing；

■Great line pull, wide range of usage；

■Main and aux. winch are interchangeable；

■Optional luffing jib;

■Partly self-assembly/disassembly function is applicable;

■Professional and highly efficient technical service；

Key Technical Parameters of SCC4000 Crane

Item		Unit	Technical Performance Parameters
Boom without super-lift work condition	The maximum lifting load	T	400
	Boom's length	m	24～78
	Boom's work angle		30°~84°
	The maximum lifting moment	t•m	2002
Boom with super-lift work condition	The maximum lifting load	T	400
	Boom's length	m	30～117
	Boom's work angle		30°～84°
	Super-lift mast's length	m	30
	The maximum lifting moment	t•m	5020
Luffing jib without super-lift work condition	Tower boom work angle		87°
	Tower jib work angle		25°～77°
	The longest boom +the longest jib	m	54+63
	The maximum lifting moment	t•m	1716
	Tower jib's length	m	36～54
	Jib's length	m	27～63
Luffing jib with super-lift work condition	Tower boom work angle		67°～87°
	Tower jib work angle		25°～77°
	The longest boom +the longest jib	m	84+87
	The maximum lifting moment	t•m	3168
	Tower jib's length	m	36～84
	Jib's length	m	27～87
Engine	Model		Deutz BF8M1015C
	Output power	kW	381
	Rated speed	rpm	2000
Transportation parameters	Weight of the whole machine (basic boom)	t	330
	Back counterweight	t	135(155)
	Central counterweight	t	40
	Super-lift counterweight	t	250
	The maximum transport weight of a single article	t	52.5
	The maximum transport dimension （length×width×height）	mm	12000x3100x3300
	Ground pressure (basic boom)	MPa	0.173

Main Dimensions

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