SANY

Quality Changes the World



CONSISTENTLY STRONG REMARKABLY VERSATILE



CRANE COLLECTION





LATTICE BOOM CRAWLER CRANE



TELESCOPIC CRAWLER CRANE



ALL-TERRAIN CRANE



ROUGH-TERRAIN CRANE



TRUCK-MOUNTED CRANE



POWER LINX

SANY CRANE EUROPE

CONSISTENTLY STRONG REMARKABLY VERSATILE

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LATTICE BOOM CRAWLER CRANE

SCE600A
SCE1000A
SCE1000A-EV
SCE1350A
SCE1350A-EV
SCC2000A-EV
SCE2500A
SCE2800A
SCC3200T
SCE4000A-1
SCE4800A
SCE6000A
SCE8000A
SCE12500A
SCE22000A



TELESCOPIC CRAWLER CRANE

SCE400TB	
STB500T5-EV	
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SCE1500TB-EV	
SCE2500TB	









ALL-T	ERI	RA	IN
CRAN	F		

SAC600E	
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SAC1500E	
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SRE450	
SRE450N	
SRE600	
SRE900	
SRE1100	
SRE1300	

TRUCK-MOUNTED CRANE

SPC500E

POWER LINX

SPL210





- + Cummins engine of low fuel consumption and low noise emission, auto idling.
- + Ground bearing pressure display, auto forward steering and traveling, independent monitor.
- + Basic machine with crawlers and boom base is 3.0 m wide, satisfying global transport standard.
- + Ø22 mm hoist wire rope with strong line pull, optional main and aux. freefall available.

Cummins	Kawasaki	Kawasaki	Rexroth / O&K
ENGINE	MAIN PUMP	MAIN VALVE	REDUCER

Н

Max. lifting capacity: 60 t

Max. lifting moment: 222 t⋅m

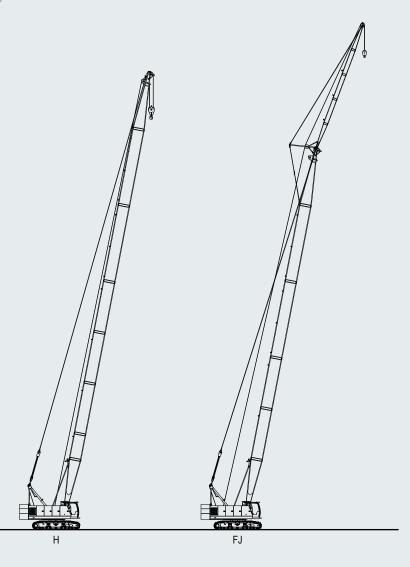
Boom length: 13 m ~ 52 m

FJ

Max. lifting capacity: 7 t

Jib length: 6.1 m ~ 15.25 m

Longest boom + longest jib: 43 m + 15.25 m



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- + Reduced operational cost due to globally standard transport plan.
- + Highly efficient self assembly and disassembly, retractable crawlers.
- + Optional main/aux. winch freefall, luffing jib.
- + New smart driver's cab with full consideration given to operator comfort.
- + Deployed as the auxiliary crane for ≤6 MW wind turbine erection.
- + Widely applied in steel cage hoisting and steel structure hoisting.

ENGINE MAIN PUMP MAIN VALVE REDUCER

Cummins Kawasaki Kawasaki Rexroth

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Max. lifting capacity: 100 t

Max. lifting moment: 380 t·m

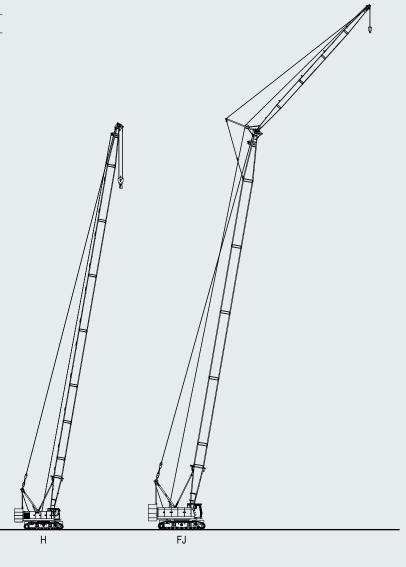
Boom length: 13 m ~ 64 m

FJ

Max. lifting capacity: 11 t

Jib length: 9 m ~ 22.5 m

Longest boom + longest jib: 52 m + 22.5 m



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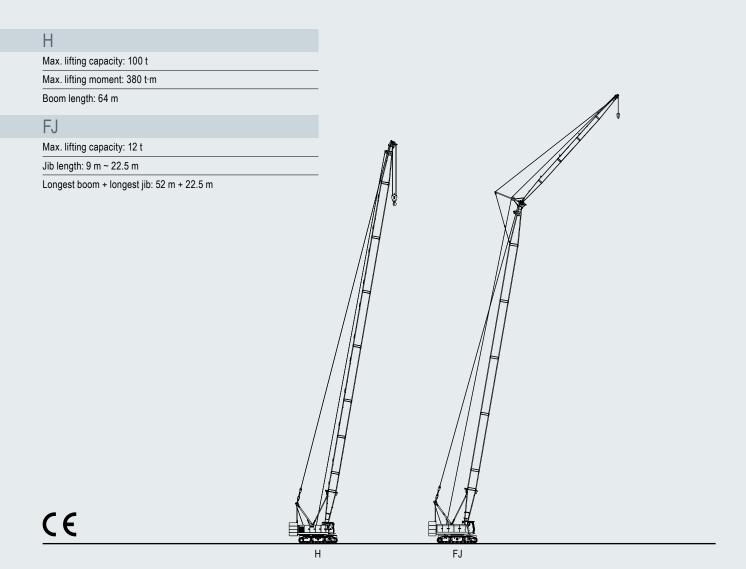
- + Zero emission, environmentally friendly and energy-saving.
- + With a 282 kWh high-capacity power battery, the endurance exceeds 8 hours (European working conditions).
- + Low operating costs, it reduces operating costs by 45 % compared to traditional fuel-powered models and eliminates engine maintenance expenses.
- + Intelligent safety, it features a high-voltage safety design with real-time insulation monitoring through the Battery Management System (BMS). In the event of a sudden electrical leakage, it can proactively disconnect the high voltage. The charging port includes an electronic lock. The third-generation intelligent control system offers one-touch start/stop functionality and a 10.1-inch touchscreen display for smart and convenient operation.
- + Multiple Charging Modes:

DC Fast Charging: Supports a maximum of 240 kW DC fast charging, allowing for a quick charging time of as little as 2 hours

Multiple AC Power Charging: The AC charger is compatible with various power levels, including 10 kW, 20 kW, 40 kW, and optionally 80 kW, making it suitable for different types of distribution boxes.

Operation with charging plug in, meeting the diverse needs of customers across various operational scenarios.

Danfoss Main Pump Main Valve Reducer Kawasaki Kawasaki Rexroth







- + Reduced operational cost due to globally standard transport plan.
- + Highly efficient self assembly and disassembly.
- + Wide application with optional main/aux. winch freefall, luffing jib.
- + Ground bearing pressure down to 0.112 Mpa.

ENGINE

(E

Cummins

- + New smart driver's cab with full consideration given to operator comfort.
- + Deployed as the auxiliary crane for ≤8 MW wind turbine erection.
- + Standard reduced counterweight load charts available, suitable for trestle bridge hoisting, auxiliary hoisting, operation on soft foundation.

MAIN VALVE

Kawasaki

REDUCER

Rexroth

+ Strong lifting capacities on 43 m boom, suitable for subway and steel cage hoisting.

Kawasaki

MAIN PUMP

Max. lifting capacity: 135 t Max. lifting moment: 668 $t \cdot m$ Boom length: 16 m ~ 76 m FJ Max. lifting capacity: 27 t Jib length: 13 m ~ 31 m Longest boom + longest jib: 61 m + 31 m LJ Max. lifting capacity: 40 t Jib length: 22 m ~ 52 m Longest boom + longest jib: 49 m + 52 m





- + Reduced operational cost due to globally standard 3 meter transport plan.
- + Highly efficient self assembly and disassembly.
- + Wide application with optional main/aux. winch freefall, luffing jib.
- + Ground bearing pressure down to 0.112 Mpa.
- + New smart driver's cab with full consideration given to operator comfort.
- + Standard reduced counterweight load charts available, suitable for trestle bridge hoisting, auxiliary hoisting, operation on soft foundation.
- + Strong lifting capacities on 43 m boom, suitable for subway and steel cage hoisting.
- + Zero emission, fast charging, long working range.

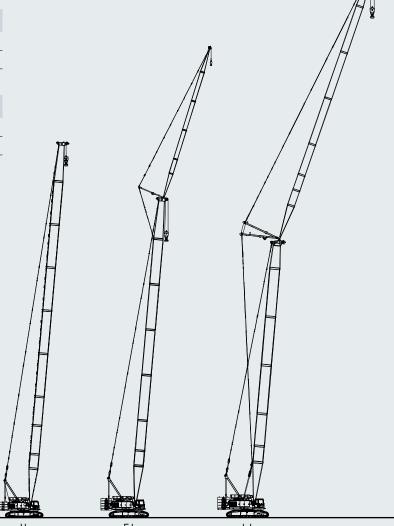
Danfoss	MAIN PUMP Kawasaki	MAIN VALVE Kawasaki	REDUCER Rexroth	
Н				
Max. lifting capacity: 135 t				
Max. lifting moment: 668 t⋅m				
Boom length: 16 m ~ 76 m				
FJ				
Max. lifting capacity: 27 t				
Jib length: 13 m ~ 31 m				

Max. lifting capacity: 40 t

Jib length: 22 m ~ 52 m

Longest boom + longest jib: 49 m + 52 m

Longest boom + longest jib: 61 m + 31 m



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FJ





BATTERY

CATL

- + High-capacity 422 kWh battery over 8 hours of runtime for uninterrupted operation.
- + European standard dual-gun DC fast charging full charge in less than 2 hours, supports AC charging for safer and more reliable operation.
- + Third-generation intelligent control system wireless remote control for the whole machine, making operation effortless and enjoyable.

MAIN PUMP

Danfoss

MAIN VALVE

Danfoss

+ Innovative chain-type flat track pads for enhanced adaptability across various terrains.

ELECTRIC MOTOR

Danfoss

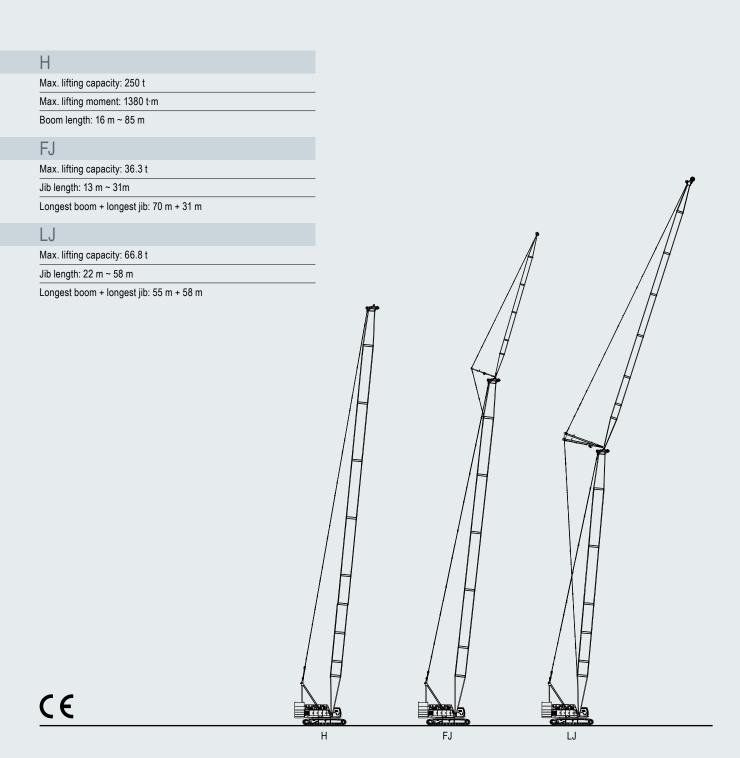
+ Mixed boom technology with a three-stage nesting boom design, enabling full transportation with just seven trailers.

Max. lifting capacity: 200 t Max. lifting moment: 1304 t·m Boom length: 20 m ~ 86 m FJ Jib length: 12 m ~ 30 m Longest boom + longest jib: 59 m + 24 m / 53 m + 30 m Jib length: 18 m ~ 63 m Longest boom + longest jib: 59 m + 63 m LJC Jib length: 18 m ~ 63 m Longest boom + longest jib: 56 m + 63 m **(**E



- + The main machine can be transported with a 3 m-wide boom base, saving time and effort during installation.
- + Immediate response, with handle start-stop reaction time <0.5 seconds.
- + Includes work area restrictions, real-time ground pressure display, and smart operation monitoring.
- + Engine features automatic idling and shutdown, with an efficient mode for low overall fuel consumption.

| ENGINE | MAIN PUMP | MAIN VALVE | REDUCER | SANY / Zhuzhou Gear





+ Widely applied in storied building, factory, subway, bridge, pipeline, port and base construction.

MAIN VALVE

- + Self-dis/assembly of boom base, rear counterweight, and crawlers.
- + Ground bearing pressure down to 0.14 Mpa.
- + Boom and jib with reduced width, suitable for transportation in Europe.
- + Optional main/aux. hoist winch freefall.

ENGINE

+ Porsche driver's cab featuring streamlined modeling and convenient control.

MAIN PUMP

Rexroth / O&K Cummins Rexroth Rexroth Max. lifting capacity: 280 t Max. lifting moment: 1500 t⋅m Boom length: 20 m ~ 92 m FJ Max. lifting capacity: 74.2 t Jib length: 13 m ~ 42 m Longest boom + longest jib: 62 m + 42 m Max. lifting capacity: 110 t Jib length: 21 m ~ 63 m Longest boom + longest jib: 62 m + 63 m **(**E

REDUCER

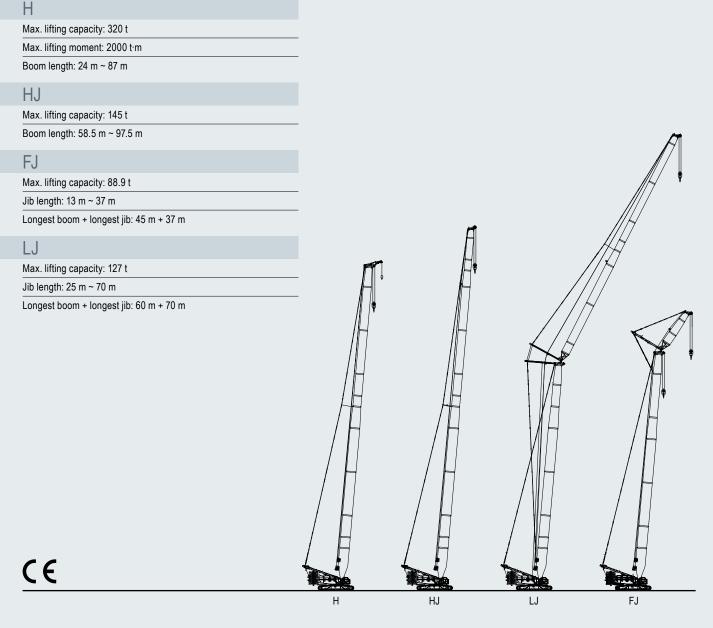




- + The new generation of "T-series" products, developed under a global design concept, are tailored to meet the diverse needs of markets including Europe, the USA, Australia, and South Korea.
- Multi-Main Pump Hydraulic System: Featuring electric proportional adjustment for both the main pump and valve, this system offers precise, efficient performance with multi-function capabilities, multi-stage speeds, and fine inching control.
- + Self-Disassembly/Assembly: The boom base, rear counterweight, and crawlers can be easily disassembled and assembled, providing enhanced convenience for transport and setup.
- + Modular Boom: With configurations like H 87 m, LJ 60 m + 70 m, and FJ 63 m + 13 m, the modular boom system allows for interchangeable parts across various configurations, significantly reducing costs for customers in terms of purchasing and storage.

ENGINE MAIN PUMP HOISTING REDUCER TRAVELING REDUCER

Cummins Rexroth Cok







- + Suitable for shield hoisting, wind power maintenance, petrochemical and logistics park hoisting.
- Powered pins fitted for efficient dis/assembly of the whole machine.
- Neat hydraulic tube arrangement.
- + Reserved maintenance access for easy troubleshooting and maintenance.

	Cummins	Rexroth	Rexroth	Rexroth
1	ENGINE	MAIN PUMP	MAIN VALVE	REDUCER

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Max. lifting capacity: 400 t

Max. lifting moment: 2695 t·m

Boom length: 24 m ~ 84 m

LJ

Max. lifting capacity: 165 t

Jib length: 21 m ~ 75 m

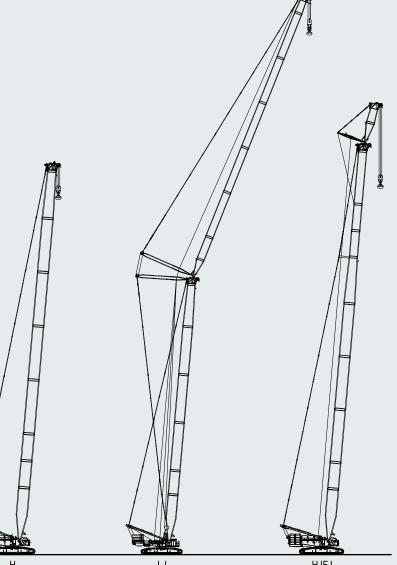
Longest boom + longest jib: 66 m + 75 m

HJFJ

Max. lifting capacity: 72.8 t

Jib length: 9 m

Longest boom + longest jib: 90 m + 9 m







- + More adaptable to constricted jobsite with front erection outriggers.
- + Suitable for installation and maintenance of 3 MW wind turbine with maximum height of 120 m.
- + Stronger capacity at LJ 60 m + 72 m without superlift device.

Н

Max. lifting capacity: 480 t

+ Smart operation realized by wireless remote control and extra large touch displays.

ENGINE	MAIN PUMP	MAIN VALVE	REDUCER
Cummins	Rexroth	Rexroth	Rexroth

Max. lifting moment: 2984 t·m				
Boom length: 24 m ~ 84 m				
LJ				
Max. lifting capacity: 177 t				
Luffing jib length: 24 m ~ 72 m				
Longest boom + longest luffing jib: 60 m + 72 m				
HJFJ-2				
Max. lifting capacity: 140 t				
Fixed jib length: 72 m ~ 96 m				
Longest boom + longest jib: 96 m + 12 m			// 1	
HJFJDB-5			// / *	\
Max. lifting capacity: 133 t			/	\/_
Fixed jib length: 96 m ~ 126 m				ΧΠ
Longest boom + longest jib: 126 m + 12 m			17	1 4
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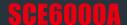
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LJ

HJFJ-2

HJFJDB-5





- + Strong lifting capacities suitable for wind turbine installation with maximum tower height of 130 m.
- + Fast set-up and disassembly via one-key erection of mast and self dis/assembly of crawler frames.
- + Economical transport, meeting global transport standards.
- + Optimal safety guaranteed by remote controlled operation and one-key adjustment of center of gravity.
- + More adaptable to constricted jobsite with front erection outriggers.
- + Smart operation realized by wireless remote control and extra large touch displays.
- + Optional front erection outriggers, requiring less space, specifically designed for maintenance of mountain wind turbines.

| ENGINE | MAIN PUMP | MAIN VALVE | REDUCER | Rexroth |

Н

Max. lifting capacity: 600 t

Max. lifting moment: 3528 t·m (7200 t·m with superlift)

Boom length: 24 m ~ 84 m (138 m with superlift)

FJh

Max. lifting capacity: 558 t

Jib length: 12 m

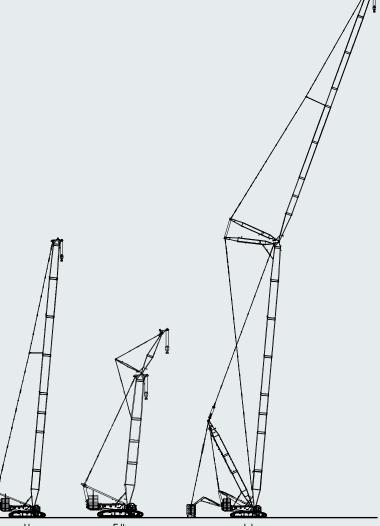
Longest boom + longest jib: 36 m + 12 m

LJ

Max. lifting capacity: 217 t

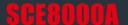
Jib length: 24 m ~ 72 m (84 m with superlift)

Longest boom + longest jib: 66 m + 72 m (84m with superlift)



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- + Strong lifting capacities suitable for wind turbine installation with maximum tower height of 162 m.
- + Fast set-up and disassembly via one-key erection of mast and self dis/assembly of crawler frames.
- + Economical transport, meeting global transport standards.
- + Optimal safety guaranteed by remote controlled operation and one-key adjustment of center of gravity.
- + The average ground bearing pressure in wind power condition is reduced to 0.2 MPa.

ENGINE	MAIN PUMP	MAIN VALVE	REDUCER
Cummins	Rexroth	Rexroth	Rexroth

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	-	

Max. lifting capacity: 800 t

Max. lifting moment: 4956 t·m

Boom length: 99 m

HDB

Max. lifting capacity: 800 t

Max. lifting moment: 12000 t·m

Boom length: 111 m

ZHJFJ

Max. lifting capacity: 240 t

Jib length: 12 m

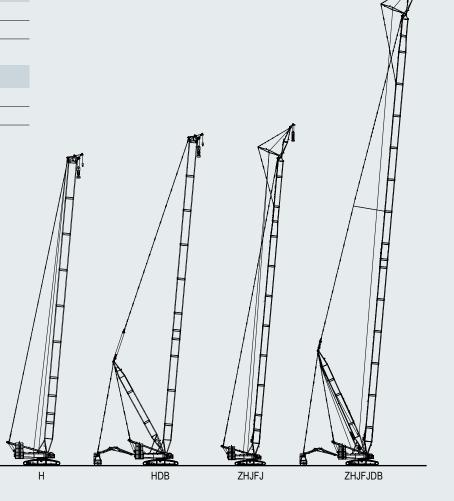
Longest boom + longest jib: 102 m + 12 m

ZHJFJDB

Max. lifting capacity: 240 t

Jib length: 12 m

Longest boom + longest jib: 165 m + 12 m





- + HDB 90 m suitable for 700 t petrochemical packed column hoisting, LJDB 108 m + 114 m delivering larger lifting range, HJFJDB 165 m + 12 m suitable for onshore 160 m wind turbine erection.
- + Ultra long boom erected within 30 min thanks to double pump confluence technology.
- + Double Mercedes-Benz engines, reliable power system.
- + Fast dis/assembly with powered pins and wireless remote control.
- + Boom/jib nested for economical transport and stacked in three layers, 60 % less storing space needed.
- + Porsche driver's cab featuring streamlined modeling, wider view and better NVH performance.

Benz Main Pump Main Valve Reducer Rexroth Rexroth

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Max. lifting capacity: 1250 t

Max. lifting moment: 19800 $t \cdot m$

Boom length: 108 m

HJDB

Max. lifting capacity: 650 t

Boom length: 171 m

LJDB

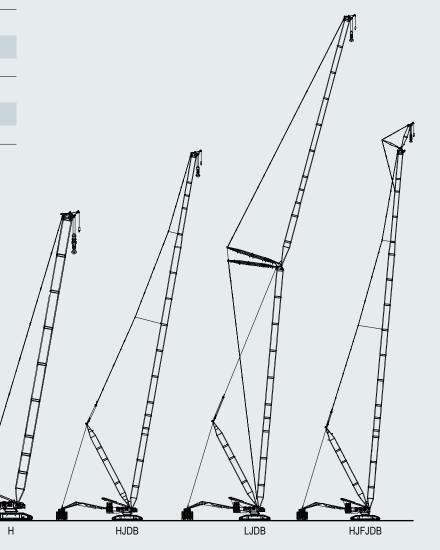
Max. lifting capacity: 650 t

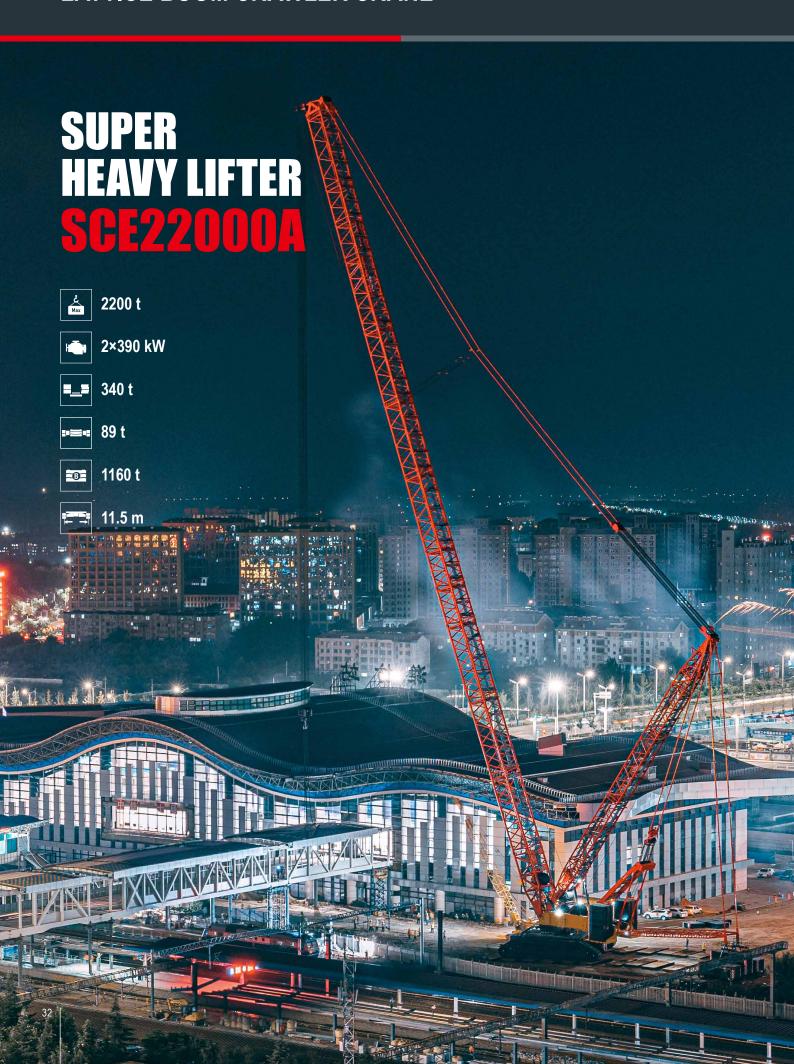
Longest boom + longest jib: 108 m + 114 m

HJFJDB

Max. lifting capacity: 244 t

Longest boom + longest jib: 171 m + 12 m





- + Optimal safety guaranteed by remote controlled operation and one-key adjustment of center of gravity.
- + Strong lifting capacities and performances in petrochemical and nuclear power plant applications.
- + Capable of making up a 4000 tonner by two 2200 t units with a few additional parts.
- + An option of using 500t auxiliary crane as superlift counterweight wagon to realize superlift counterweight grounding slewing.
- + Optional powerful three-winch working condition, pioneering in petrochemical application.
- + Optional superlift counterweight suspension system increases operation efficiency by 20%.
- + Maximum transport weight of single piece less than 55 t, detaching mechanism adopted between slewing bearing and undercarriage.
- + Double-engine mode featuring higher operation speed, single-engine mode with lower energy cost.
- + Key components imported from well-known brands of high reliability.
- + Capacious cabin providing wider view and accommodating a crew of more people.
- + Smart lifting software including ground bearing pressure offered for free.

	ENGINE Benz	Rexroth	Rexroth	REDUCER Rexroth
ı	DEIIZ	Kexioui	LEXION	Kexioni

HDB

Max. lifting capacity: 2200 t

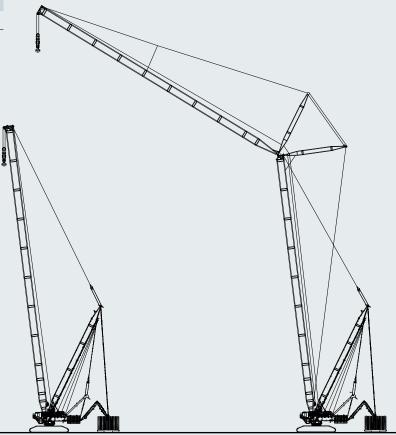
Max. lifting moment: 38000 t·m

Boom length: 54 m ~ 120 m

LJDB

Max. lifting capacity: 917 t

Longest boom + longest jib: 108 m + 108 m



HDB LJDB





- + U-shape large profile boom with max. lifting moment 160 t.m, lifting performance improved by more than 15 %.
- + Fully retracted width 3 m, only 1 trailer needed for the whole machine transportation.
- The third-generation intelligent control system, one-button start/stop, 10.1" dual touchscreen display, intelligent and convenient.
- + Combined motions are carried out efficiently, with each motion starting and braking smoothly.

ENGINE	MAIN PUMP	MAIN VALVE	REDUCER
Cummins	Danfoss	Danfoss	Brevini / Zhuzhou Gear

Max. lifting capacity: 40 t

Max. lifting moment: 160 t·m

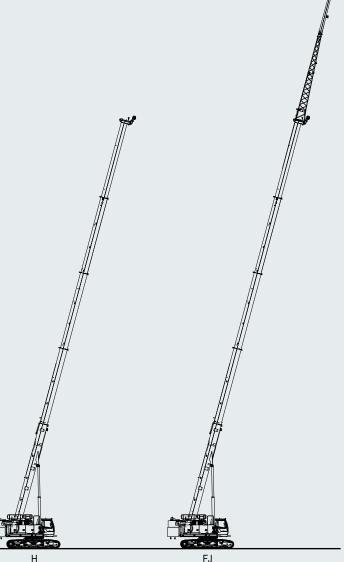
Boom length: 11.3 m \sim 44 m

FJ

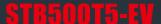
Max. lifting capacity: 3.4 t

Jib length: 9.2 m / 16 m

Longest boom + longest jib: 44 m + 16 m









- + Pure electric, low emission, environmentally friendly and energy saving.
- + Long Battery Range Equipped with 210 kWh high-capacity power battery, supporting 8h long time operation.
- + Lower Operating Cost Reduces energy consumption costs by 37 % compared to traditional fuel engine models and eliminates engine maintenance expenses.
- + Safe and Reliable High voltage safety design, real-time insulation monitoring by BMS, capable of actively disconnecting high voltage in the event of sudden leakage, third-generation intelligent control system, one-button start/stop, 10.1" dual touchscreen display, intelligent and convenient.
- + Fast Charging Support 120 kW DC charging, charging time <2h.
- + 10 kW, 20 kW, 40 kW, 80 kW AC charging modes are available for customers, applicable to all site power configurations.
- + High Adaptability Equipped with lower structure charging port, allowing an operation with charging plug in, meeting various customer usage scenarios.

BATTERY ELECTRIC MOTOR MAIN PUMP MAIN VALVE

CATL Dana Danfoss

MAIN PUMP Danfoss

Max. lifting capacity: 50 t

Max. lifting torque: 160 t·m

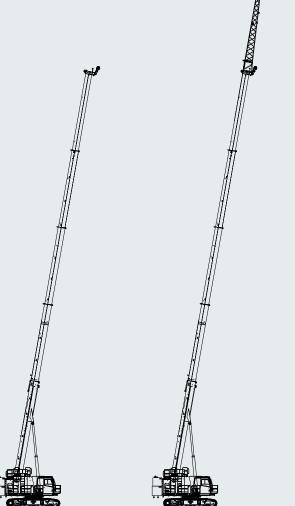
Boom length: 11.3 m ~ 44 m

FJ

Max. lifting capacity: 3.5 t

Boom combination: 44 m + 16 m

Jib options: 9.2 m / 16 m



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TELESCOPIC CRAWLER CRANE





- + Lower operational cost with globally standard transport solution.
- + Fast set-up with self loading and unloading of counterweight.
- New smart cab of optimal operator comfort.
- + Ground bearing pressure down to 0.095 MPa.
- + 4° gradient load chart available.

Cummins	InLine	Rexroth	Rexroth / Brevini
ENGINE	MAIN PUMP	MAIN VALVE	REDUCER

Н

Max. lifting capacity: 60 t

Max. lifting moment: 220 t·m

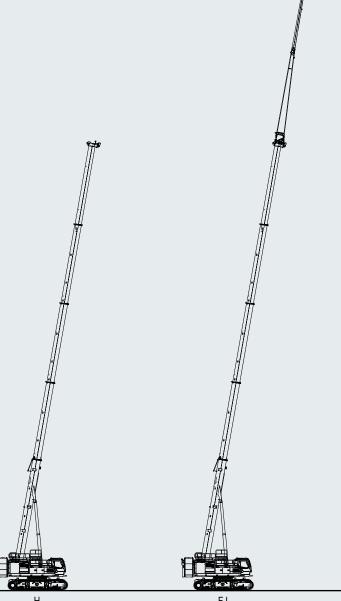
Boom length: 11.88 m ~ 46 m

FJ

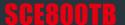
Max. lifting capacity: 5 t

Jib length: 9.2 m / 16 m

Longest boom + longest jib: 46 m + 16 m







- + Reduced operational cost due to globally standard transport plan.
- + Ground bearing pressure down to 0.09 Mpa.
- + Strong lifting capacity, with slope load charts.
- + Driver's cab equipped with large touch screen, more convenient control.

ENGINE	MAIN PUMP	MAIN VALVE	REDUCER
Cummins	Danfoss	Rexroth	Rexroth / O&K

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Max. lifting capacity: 80 t

Max. lifting moment: 300 t·m

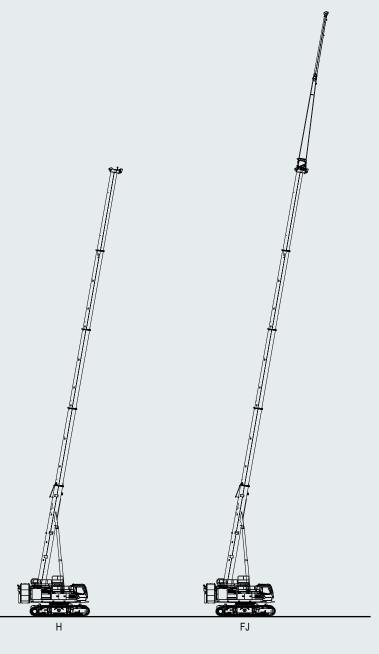
Boom length: 47 m

FJ

Max. lifting capacity: 5.5 t

Jib length: 10.2 m / 17.5 m

Longest boom + longest jib: 47 m + 17.5 m









- + Zero emission, environmentally friendly and energy-saving.
- + Large capacity battery of ultra long range.
- + New smart cab of optimal operator comfort.
- + Lower operational cost with globally standard transport solution.
- + Self dis/assembly system, retractable crawlers, higher efficiency.

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Max. lifting capacity: 80 t

Max. lifting moment: 313 t·m

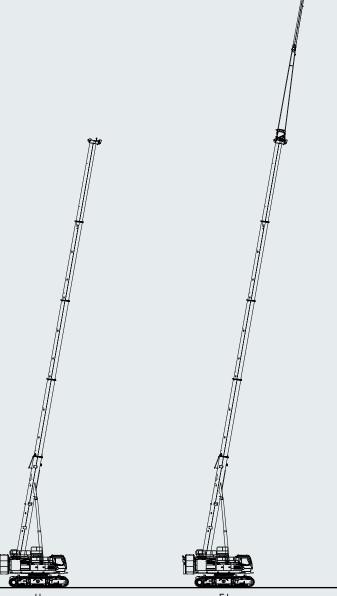
Boom length: 47 m

FJ

Max. lifting capacity: 5.5 t

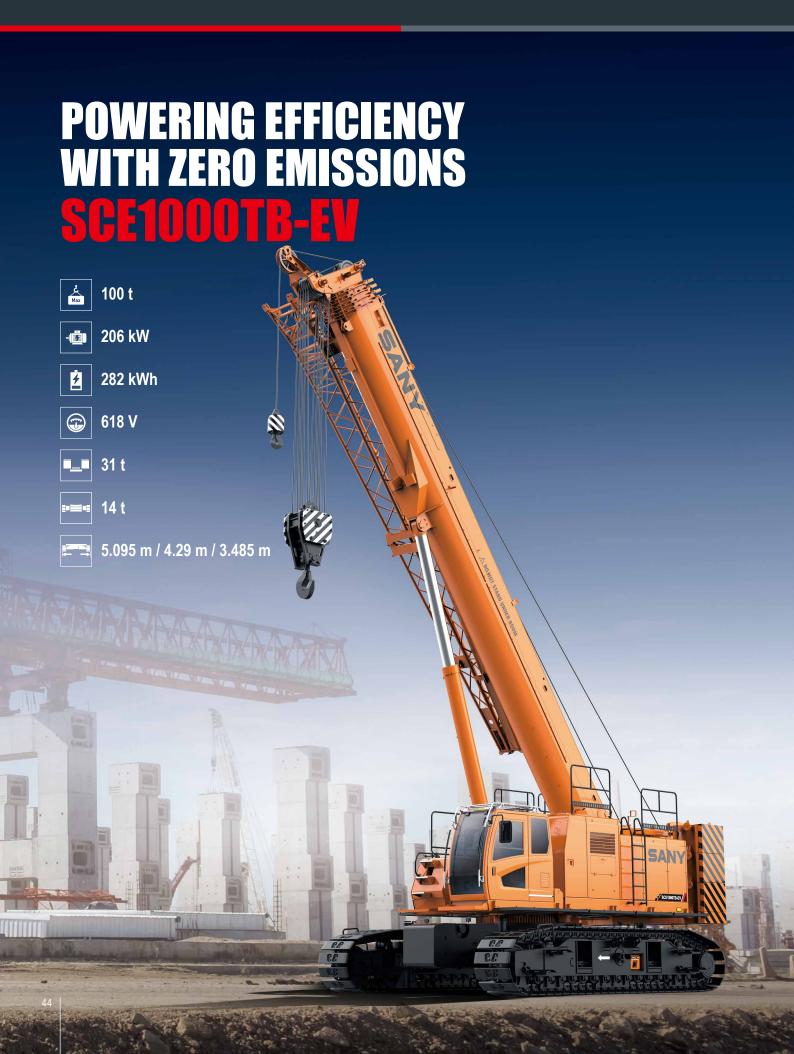
Jib length: 10.2 m / 17.5 m

Longest boom + longest jib: 47 m + 17.5 m



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FJ





- + Zero emission, environmentally friendly and energy-saving.
- Large capacity battery of ultra long range.
- New smart cab of optimal operator comfort.
- Lower operational cost with globally standard transport solution.
- + Self dis/assembly system, retractable crawlers, higher efficiency.

Danfoss	Danfoss	Danfoss	Rexroth
ELECTRIC MOTOR	MAIN PUMP	MAIN VALVE	REDUCER

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Max. lifting capacity: 100 t

Max. lifting moment: 360 t·m

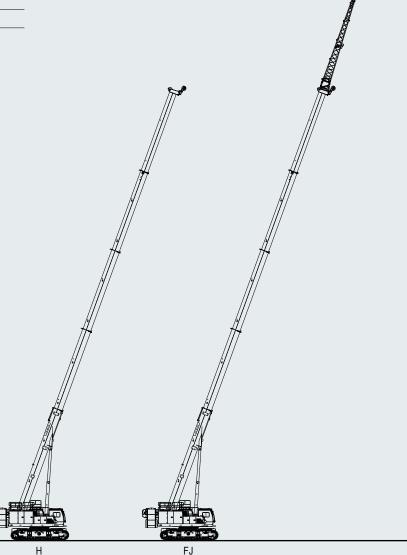
Boom length: 49.9 m

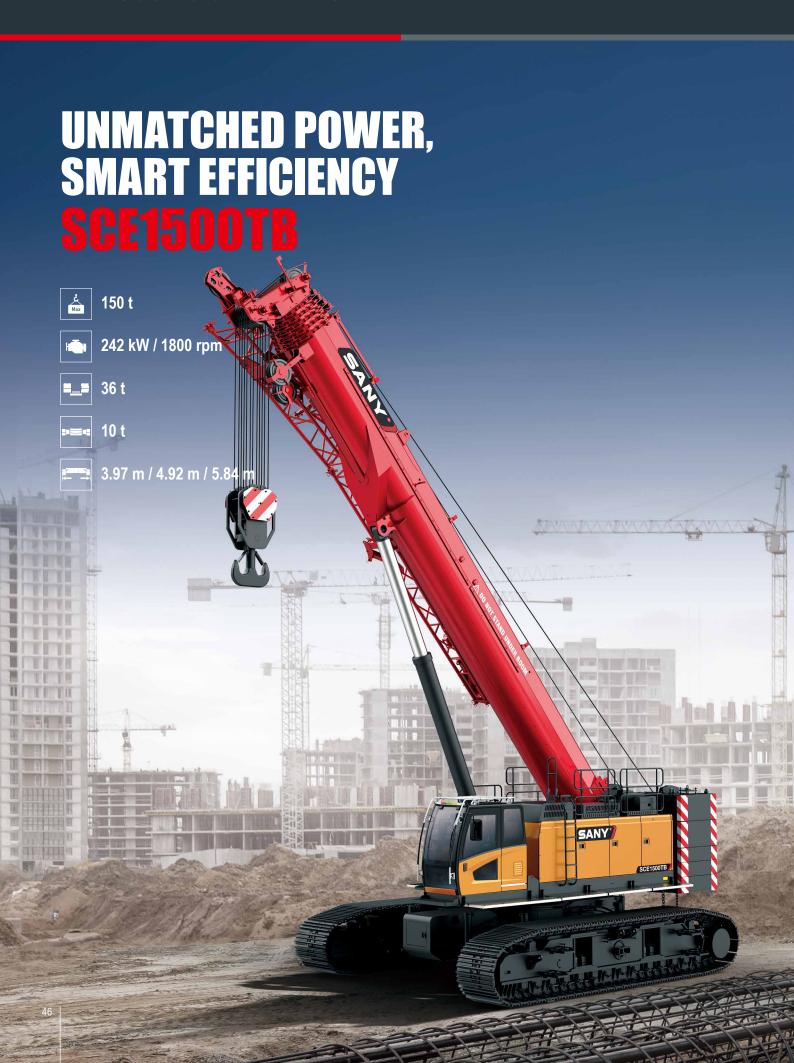
FJ

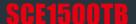
Max. lifting capacity: 6.2 t

Jib length: 10.2 m / 17.5 m

Longest boom + longest jib: 49.9 m + 17.5 m

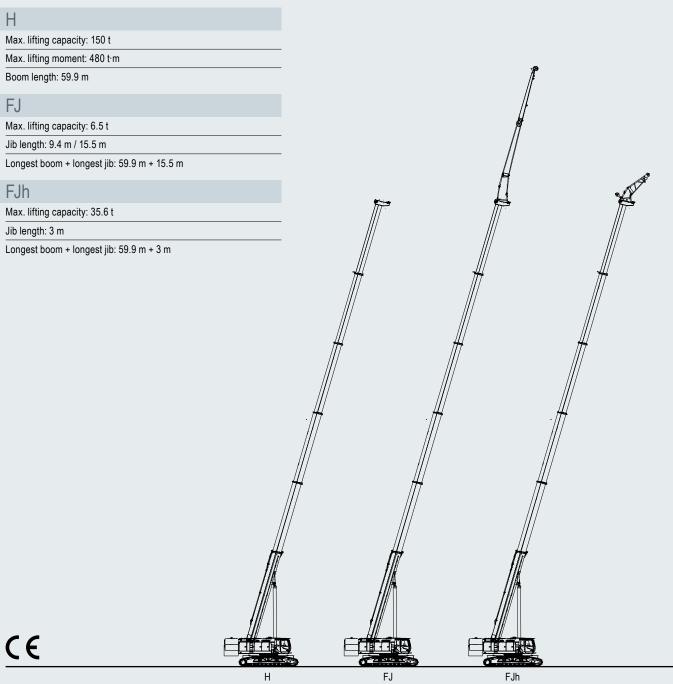


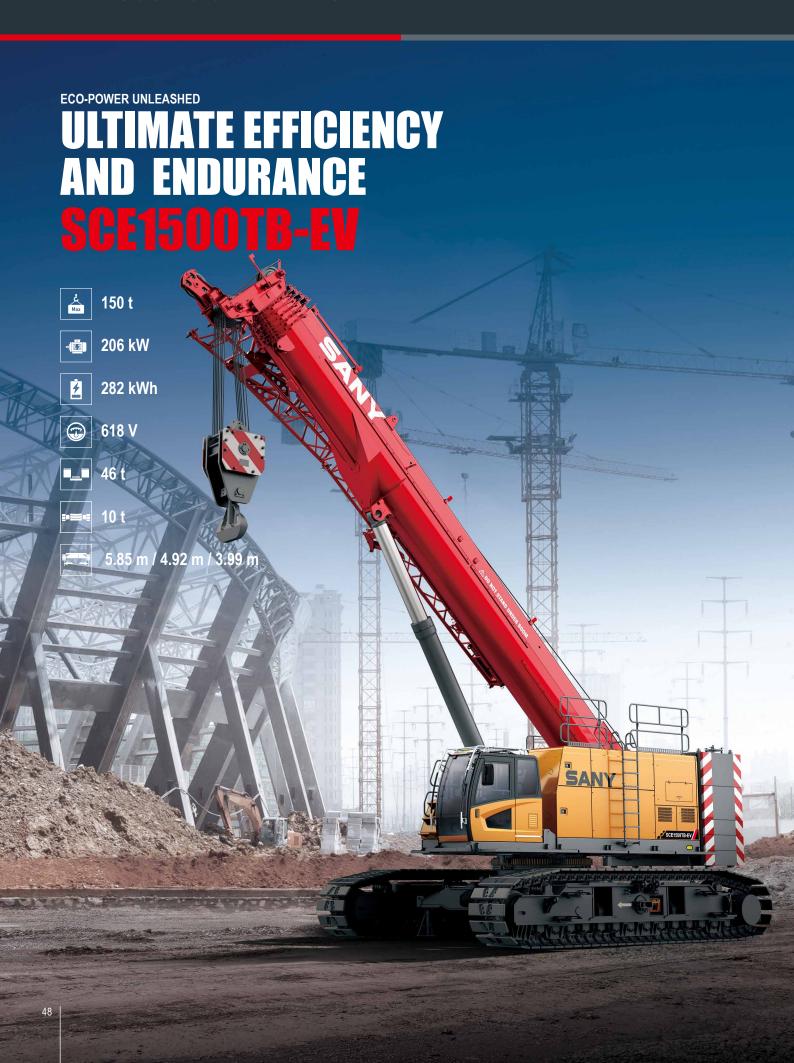




- + Stronger lifting capacities in its class.
- + Basic machine transport width 3.4 m, height 3.3 m, satisfying European transport standard.
- + Self dis/assembly for whole machine.
- + Highly adaptable with load charts of variable counterweights, track gauges, and 4° gradient.
- + The 3rd Gen smart control system with 12.8" touch screen, intuitive and convenient.

ENGINE	MAIN PUMP	MAIN VALVE	REDUCER
Cummins	Danfoss	Danfoss	Rexroth
	, Duillious	1 2 4 111 3 3 3	110/11011







- + Zero emission, environmentally friendly and energy-saving.
- + With a 282 kWh high-capacity power battery, the endurance exceeds 8 hours (European working conditions).
- Low operating costs, it reduces operating costs by 45 % compared to traditional fuel-powered models and eliminates engine maintenance expenses.
- + Intelligent safety, it features a high-voltage safety design with real-time insulation monitoring through the Battery Management System (BMS). In the event of a sudden electrical leakage, it can proactively disconnect the high voltage. The charging port includes an electronic lock. The third-generation intelligent control system offers one-touch start/stop functionality and a 10.1-inch touchscreen display for smart and convenient operation.
- + Multiple Charging Modes:

DC Fast Charging: Supports a maximum of 240 kW DC fast charging, allowing for a quick charging time of as little as 2 hours.

Multiple AC Power Charging: The AC charger is compatible with various power levels, including 10 kW, 20 kW, 40 kW, and optionally 80 kW, making it suitable for different types of distribution boxes.

Operation with charging plug in, meeting the diverse needs of customers across various operational scenarios.

Max. lifting capacity: 150 t
Max. lifting moment: 480 t m
Boom length: 59.9 m

FJ
Max. lifting capacity: 6.5 t
Jib length: 9.4 m / 15.5 m
Longest boom + longest jib: 59.9 m + 15.5 m

FJh
Max. lifting capacity: 35.6 t
Jib length: 3 m
Longest boom + longest jib: 59.9 m + 3 m



- + Stronger lifting capacities in its class.
- + Basic machine transport width 3 m, height 3.3 m, satisfying European transport standard.
- + Self dis/assembly for whole machine.

ENGINE

+ Highly adaptable with load charts of variable counterweights, track gauges, and 4° gradient.

MAIN VALVE

REDUCER

+ The 3rd Gen smart control system with 10.1" touch screen, intuitive and convenient.

MAIN PUMP

Cummins **Danfoss** SANY Zhuzhou Gear Н Max. lifting capacity: 250 t Max. lifting moment: 860 t·m Boom length: 14.4 m ~ 75.4 m FJ Max. lifting capacity: 10.5 t Jib length: 11.2 m ~ 43 m Longest boom + longest jib: 70.7 m + 43 m FJh Max. lifting capacity: 42 t Jib length: 3 m Longest boom + longest jib: 75.4 m + 3 m **(**E





- + One-click telescopic boom technology.
- + Variable outrigger span technology.
- + Anti-electromagnetic interference module.
- + Counterweight recognition function.

ENGINE

Benz

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- + Automatic installation and removal of counterweight.
- + Wireless remote control for all operation movements.

AXLES

Kessler

+ New-generation cabs designed for European and American market needs.

TRANSMISSION

Allison

Max. lifting capacity: 60 t Max. boom length: 50 m Max. lifting radius: 39 m Max. lifting height: 50.5 m TJ / TH* Max. lifting capacity: 7.9 t Jib length: 9.2 m / 16 m Max. lifting radius: 44 m Max. lifting height: 66.5 m TA* Max. lifting capacity: 9.1 t Jib length: 3 m Max. lifting radius: 40 m Max. lifting height: 53.5 m * Optional

MAIN VALVE / PUMP

Danfoss

53

COMPACT AND FLEXIBLE SAC700E



70 t



50 m



16 m



360 kW / 1600 rpm



15 t





- + One-click telescopic boom technology.
- + Variable outrigger span technology.
- + Anti-electromagnetic interference module.
- + Counterweight recognition function.

ENGINE

Benz

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- + Automatic installation and removal of counterweight.
- + Wireless remote control for all operation movements.

AXLES

Kessler

+ New-generation cabs designed for European and American market needs.

TRANSMISSION

ZF Traxon

Max. lifting capacity: 70 t Max. boom length: 50 m Max. lifting radius: 40 m Max. lifting height: 50.5 m TJ / TH* Max. lifting capacity: 8 t Jib length: 9.6 m / 16 m Max. lifting radius: 46 m Max. lifting height: 66.5 m TA* Max. lifting capacity: 9.1 t Jib length: 3 m Max. lifting radius: 40 m Max. lifting height: 53.5 m * Optional

MAIN VALVE / PUMP

Danfoss / Rexroth

55

STRONG AND EFFICIENT SAC900E



90 t



60 m





- + One-click telescopic boom technology.
- + Variable outrigger span technology.
- + Anti-electromagnetic interference module.
- + Counterweight recognition function.
- + Automatic installation and removal of counterweight.
- + Wireless remote control for all operation movements.
- + New-generation cabs designed for European and American market needs.

Benz AXLES TRANSMISSION ZF Traxon

Ma

Max. lifting capacity: 90 t

Max. boom length: 60 m

Max. lifting radius: 54 m

Max. lifting height: 60.5 m

TJ

Max. lifting capacity: 6.2 t

Jib length: 16 m

Max. lifting radius: 60 m

Max. lifting height: 76.5 m



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T



- + Double engine system with reduced operation fuel consumption.
- + One-click telescopic boom technology.
- + Variable outrigger span technology.
- + Anti-electromagnetic interference module.
- + Counterweight recognition function.
- + Automatic installation and removal of counterweight.
- + Wireless remote control for all operation movements.
- + New-generation cabs designed for European and American market needs.

CHASSIS ENGINE	CRANE ENGINE	AXLES	TRANSMISSION	MAIN VALVE / PUMP / MOTOR
Benz	Benz	Kessler	ZF Traxon	Rexroth

Т	
Max. liftir	ng capacity: 120 t
Max. boo	om length: 66 m
Max. liftir	ng radius: 52 m
Max. liftir	ng height: 66 m
TJ* /	TH*
Max. liftir	ng capacity: 7 t
Jib length	h: 17 m
Max. liftir	ng radius: 58 m
Max. liftir	ng height: 83 m
TEJ*	/ TEH*
Max. liftir	ng capacity: 6.1 t
Jib length	h: 24 m
Max. liftir	ng radius: 60 m
Max. liftir	ng height: 90 m
TA*	
Max. liftir	ng capacity: 29.1 t
Jib length	h: 2.9 m
Max. liftir	ng radius: 54 m
Max. liftir	ng height: 69 m
* Optional	





- + One-click telescopic boom technology.
- + Variable outrigger span technology.
- + Counterweight recognition function.
- + Anti-electromagnetic interference module.
- + Automatic installation and removal of counterweight.
- + Wireless remote control for all operation movements.
- + New-generation cabs designed for European and American market needs.
- + Blind Spot Information System and Moving Off Information System to monitor and alert pedestrians and cyclists on the passenger side and in front of the crane.

Benz AXLES TRANSMISSION ZF Traxon

Max. lifting capacity: 150 t

Max. boom length: 66 m

Max. lifting radius: 62 m

Max. lifting height: 66.5 m

TJ* / TH*

Max. lifting capacity: 18.5 t

Jib length: 10.8 m / 19 m

Max. lifting radius: 70 m

Max. lifting height: 84.5 m

TEJ* / TEH*

Max. lifting capacity: 15.3 t

Jib length: 17.8 m / 26 m

Max. lifting radius: 72 m

Max. lifting height: 92 m

TA

Max. lifting capacity: 34.9 t

Jib length: 2.9 m

Max. lifting radius: 64 m

Max. lifting height: 68.5 m

* Optional







- + Double engine system with reduced operation fuel consumption.
- + One-click telescopic boom technology.
- + Variable outrigger span technology.
- + Anti-electromagnetic interference module.
- + Counterweight recognition function.
- + Automatic installation and removal of counterweight.
- + Wireless remote control for all operation movements.
- + New-generation cabs designed for European and American market needs.

CHASSIS ENGINE CRANE ENGINE AXLES TRANSMISSION MAIN VALVE / PUMP / MOTOR Rexroth

Max. lifting capacity: 250 t

Max. boom length: 75 m

Max. lifting radius: 72 m

Max. lifting height: 74 m

TJ* / TH*

Max. lifting capacity: 14.6 t

Jib length: 11.2 m / 20 m

Max. lifting radius: 82 m

Max. lifting height: 93 m

TEJ / TEH*

Max. lifting capacity: 11 t

Jib length: 19.2 m / 28 m / 27.2 m / 36 m / 43 m $\,$

Max. lifting radius: 82 m

Max. lifting height: 111 m

* Optional



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TJ* / TH*

TEJ / TEH*





- + Stronger lifting capacities suitable for more applications.
- + Higher stability with outrigger span 7.2 m × 7.2 m.
- + Higher working speed and efficiency.
- + Luffing cylinder hinge rearward positioned for better view.
- + New generation cab with smart LMI interface, user-friendly and comfortable.
- + MachineLink + cloud system for better monitoring and fleet management.

ENGINE Cummins

AXLES **Meritor**

TRANSMISSION

Dana

T (on outriggers)

Max. lifting capacity: 45 t

Max. boom length: 35 m

Max. lifting radius: 32 m

Max. lifting height: 35.3 m

TJ (on outriggers)

Max. lifting capacity: 4 t

Jib length: 9.2 m / 16 m

Max. lifting height: 51.5 m

T (on tires)

Max. lifting capacity (stationary): 15.5 t

Max. lifting capacity (pick & carry): 12.5 t



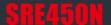
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T (on outriggers)

TJ (on outriggers)

T (on tires)





- + The overall width is less than 2.55 m, meeting European transport width requirements. This reduces customer operating costs and enhances transfer efficiency.
- + For the first time, a wireless remote control is used to operate the outriggers, boom telescoping, jib pushing & pulling, and slewing.
- + Hydraulic power-assisted jib deployment, handled by one person using a remote controller within 15 minutes.
- + A new measurement and calculation method improves the accuracy of outrigger force detection, preventing crane overturning accidents and enhancing safety.
- + A newly upgraded operator's cab with 10 % more space, added tilt functionality for enhanced safety, reliability, comfort, and convenience.

ENGINE AXLES TRANSMISSION
Cummins Meritor Dana

T (on outriggers)

Max. lifting capacity: 45 t

Max. boom length: 37.4 m

Max. lifting radius: 35 m

Max. lifting height: 40.1 m

TJ (on outriggers)

Max. lifting capacity: 3.2 t

Jib length: 8 m

Max. lifting height: 48 m

T (on tires)

Max. lifting capacity (stationary): 16 t

Max. lifting capacity (pick & carry): 10 t

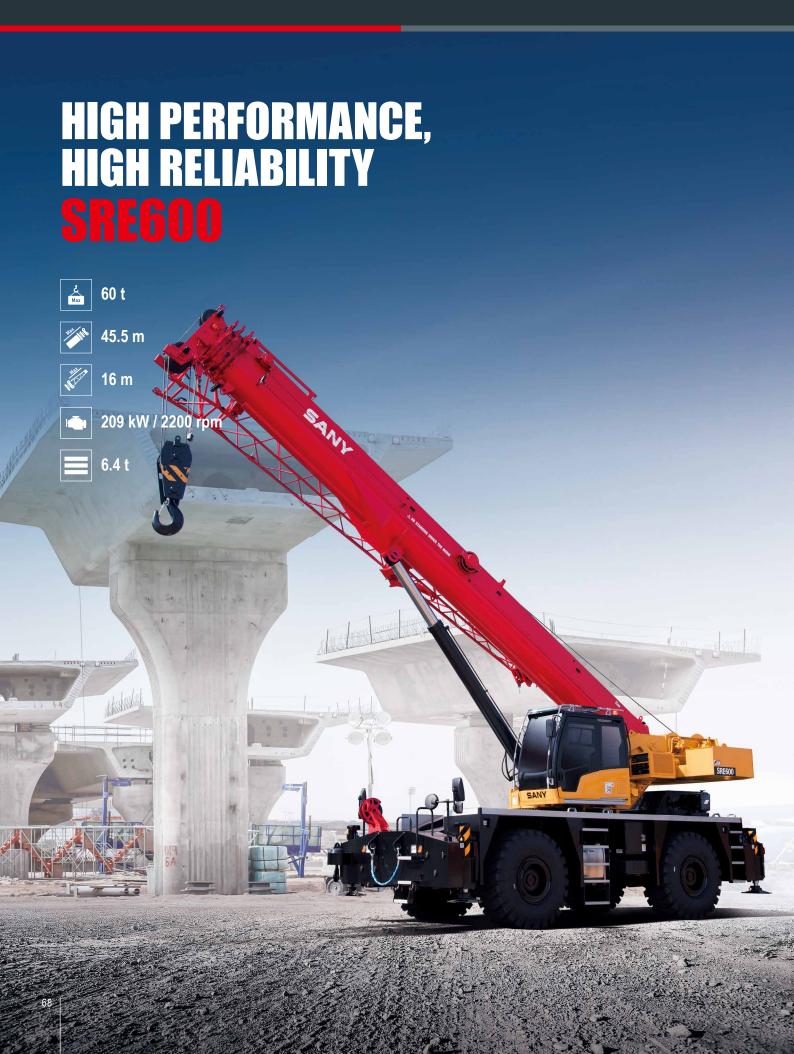




T (on outriggers)

TJ (on outriggers)

T (on tires)





- + Higher stability with outrigger span 7.5 m × 7.4 m.
- + U shape boom profile, featuring lightweight and strong capacity.
- + Higher working speed and efficiency to boost productivity.
- + New generation cab with smart LMI interface, user-friendly and carefree.
- + Cab 0~20° tiltable, observing load at heights at ease.
- + MachineLink+ cloud system for better monitoring and fleet management.

ENGINE Cummins

AXLES Meritor

TRANSMISSION

ZF

T (on outriggers)

Max. lifting capacity: 60 t

Max. boom length: 45.5 m

Max. lifting radius: 34 m

Max. lifting height: 46 m

TJ (on outriggers)

Max. lifting capacity: 4 t

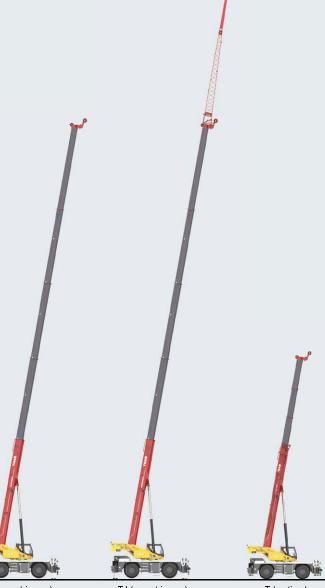
Max. boom + jib length: 45.5 m + 16 m

Max. lifting height: 62 m

T (on tires)

Max. lifting capacity (stationary): 22 t

Max. lifting capacity (pick & carry): 18 t



T (on outriggers)

TJ (on outriggers)

T (on tires)





- + New generation cab with smart LMI interface, user-friendly and carefree.
- + Capable of working in desert, oil field, refinery, saline land and other harsh environments.
- Electronically controlled load-sensing hydraulic system, featuring precise and responsive control.
- + Two work modes ensuring high working efficiency and strong driving ability.
- + Robust power train boosting working flexibility and productivity.

ENGINE AXLES TRANSMISSION Cummins Meritor Dana

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Max. lifting capacity: 90 t

Max. boom length: 47 m

Max. lifting radius: 38 m

Max. lifting height: 47.5 m

TJ (on outriggers)

Max. lifting capacity: 6 t

Max. boom + jib length: 47 m + 18 m

Max. lifting height: 65.5 m

T (on tires)

Max. lifting capacity (stationary): 22.4 t

Max. lifting capacity (pick & carry): 14.3 t





T (on outriggers)

TJ (on outriggers)

T (on tires)





- + Powerful lifting capacity with 3380 kN.m maximum lifting moment and 1740 kN.m on full-extension boom, leading in its class.
- + Higher working speed and efficiency to boost productivity.
- + New generation cab with smart LMI interface, 0~20° tiltable, user-friendly and carefree.
- + MachineLink + cloud system for better monitoring and fleet management.

ENGINE AXLES TRANSMISSION
Cummins Meritor Dana

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Max. lifting capacity: 110 t

Max. boom length: 51 m

Max. lifting radius: 40 m

Max. lifting height: 51.5 m

TJ (on outriggers)

Max. lifting capacity: 5.4 t

Max. boom + jib length: 51 m + 18 m

Max. lifting height: 69.5 m

T (on tires)

Max. lifting capacity (stationary): 22.2 t

Max. lifting capacity (pick & carry): 15 t



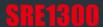


T (on outriggers)

TJ (on outriggers)

T (on tires)





- + Higher working speed and efficiency to boost productivity.
- + Operator's cab with smart LMI interface, 0~20° tiltable, user-friendly and carefree.
- + Self-removable counterweight.
- + Hydraulic power-assisted jib deployment, handled by one person using a remote controller within 15 minutes.

ENGINE AXLES TRANSMISSION Meritor Cummins Dana

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Max. lifting capacity: 130 t

Max. boom length: 60 m

Max. lifting radius: 52 m

Max. lifting height: 60.5 m

TJ (on outriggers)

Max. lifting capacity: 5.5 t

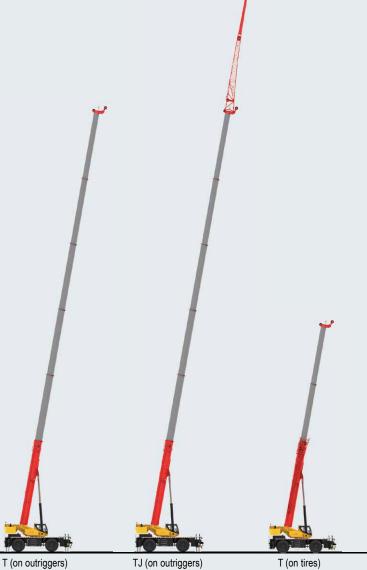
Jib length: 18.7 m

Max. lifting height: 79.2 m

T (on tires)

Max. lifting capacity (stationary): 30 t

Max. lifting capacity (pick & carry): 18 t



ADAPTABLE AND VERSATILE SPC500E



50 t



35 m



8 m



7.8 t





- + Strong lifting capacity suitable for urban construction.
- + Compatible with more commercial chassis.
- + Counterweight self loading and unloading, safe and efficient.
- + Being able to travel with total counterweight.
- + Efficient hydraulic system, energy saving.

PUMP	MOTOR
CASAPPA	Kawasaki

CONTROLLER

IFM

Т

Max. lifting capacity: 50 t

Max. boom length: 35 m

Max. lifting radius: 32 m

Max. lifting height: 36.1 m

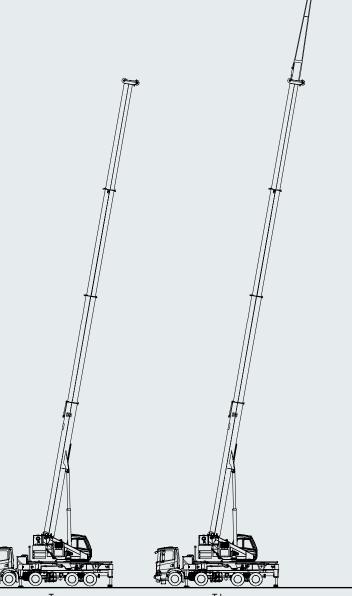
TJ

Max. lifting capacity: 2.8 t

Jib length: 8 m

Max. lifting radius: 27.6 m

Max. lifting height: 43.9 m



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Т

78



- + CATL high-security lithium iron phosphate battery 210 kWh, zero emissions, compliant with local emission regulations.
- + Compatible with various plugs: 16A / 32A / 63A / 125A.
- + Capable of simultaneous charging and discharging, with DC charge time within 2 hours at room temperature.
- + Supporting one-to-many simultaneous discharging with maximum output power 100 kW.
- + Transportable by trailers/forklifts/cranes, etc.
- + Can be installed on a mobile trailer and towed by conventional road vehicles, or installed inside a container for transport.
- + Real-time intelligent monitoring of device location and operational data can be achieved through the application.
- + Intelligent charging and scheduled charging function improves convenience and flexibility in device usage. Scheduling appropriate charging times effectively reduces charging costs, ensuring that devices remain in optimal condition at all times and avoiding damage to the batteries caused by prolonged charging.
- + IP54 protection, C6F12O fire suppression system. AC/DC output, overvoltage & undervoltage protection.

PERFORMANCE					
CATEGORY	ITEM	VALUE			
WEIGHT & DIMENSION	Weight	2750 kg			
	Length×width×height	2572 mm × 1500mm × 1829 mm (Can be mounted on a trailer)			
BASIC PARAMETERS	Basic functions	DC input (European standard), AC input, AC output, simultaneous charging and discharging, one-to-many outputs, intelligent replenishment, remote control			
	Operation mode	Touchscreen / Mobile / PC Control			
BATTERY	Туре	Lithium Iron Phosphate (LFP)			
	Capacity	210 kWh			
	Battery cooling	Liquid cooling			
OPERATION	One-to-many maximum output	100 kW			
	Single-gun output power	6.6 kW (230 V), 10 kW / 20 kW / 40 kW / 80 kW (400 V)			
	AC input power	6.6 kW (230 V), 20 kW / 40 kW (400 V)			
	AC output form	Three-Wire Five-System (with Neutral and Ground)			
	Max. DC input	120 kW			
USAGE	Protection Level	IP54			
	Working temperature	-20°C~45°C			
	Storage temperature	-20°C~60°C			
	Working environment humidity	5~90 %			
	Electrical isolation	AC output: non-isolated / AC input: isolated			
	Fire suppression system	Integrated automatic & manual C6F12O / aerosol fire suppression system			

CODE / ICON DESCRIPTION

CRAWLER CRANE				
Н	Main boom			
FJ	Fixed jib			
LJ	Luffing jib			
HJ	Mixed boom			
D	Superlift mast			
В	Superlift counterweight			
ZHJ	Mixed power boom			
FJh	Heavy-duty fixed jib			

WHEEL CRANE				
T	Telescopic boom			
J	Fixed jib			
E	Boom extension			
Н	Hydraulically adjustable jib			
A	Auxiliary jib			



Max. lifting capacity



Engine



Rear counterweight



Carbody counterweight



Superlift counterweight



Track gauge (center point)



Track gauge (margin)



Electric motor



Battery capacity



Battery voltage



Max. boom length



Max. fixed jib length



Chassis engine



Superstructure engine



Full counterweight



Length×width×height



Working temperature

SANY GROUP CRANE BU

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