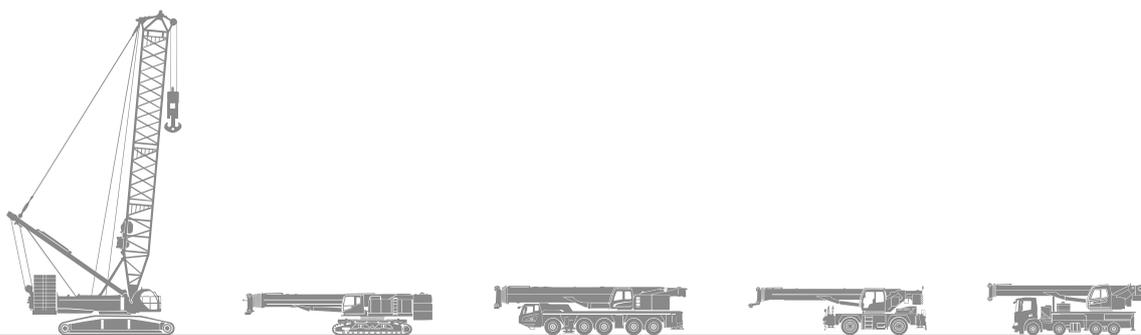


SANY[®]

SANY CRANE EUROPE



**QUALITY CHANGES
THE WORLD**



CONTENTS

LATTICE BOOM CRAWLER CRANE

TELESCOPIC CRAWLER CRANE

- SCE600A
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- SCE1350A
- SCE1350A-EV
- SCC2000A-EV
- SCE2800A
- SCC3200T
- SCE4000A-1
- SCE4800A
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- SCE8000A
- SCE12500A
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**ALL-TERRAIN
CRANE**

- SAC600E
- SAC700E
- SAC1200E
- SAC2500E



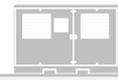
**ROUGH-TERRAIN
CRANE**

- SRE450
- SRE600
- SRE900
- SRE1100



**TRUCK-MOUNTED
CRANE**

- SPC500E



POWER LINX

- SPL210

■ LATTICE BOOM CRAWLER CRANE

SCE600A

Compact and Efficient

 60 t

 145 kW / 2000 rpm

 16.4 t

 4.46 m / 4.39 m

■ LATTICE BOOM CRAWLER CRANE

SCE600A

- 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

ENGINE

Cummins
B6.7-195 Stage V

MAIN PUMP

Kawasaki

MAIN VALVE

Kawasaki

REDUCER

Rexroth / O&K

H

Max. lifting capacity: **60 t**

Max. lifting moment: **222 t·m**

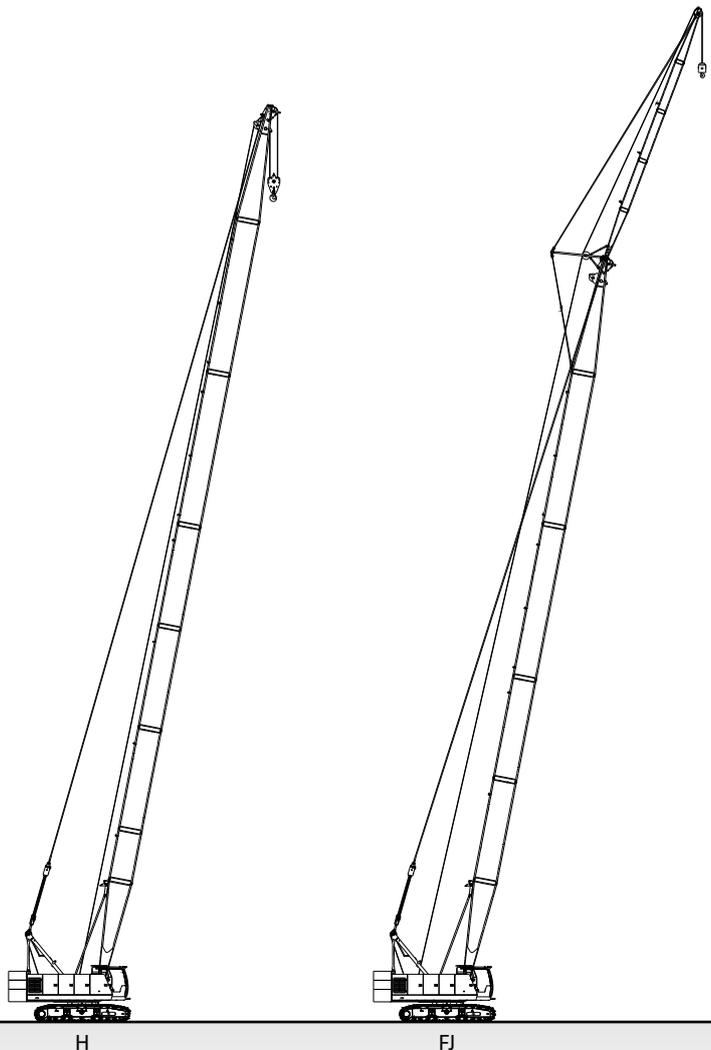
Boom length: **13 m ~ 52 m**

FJ

Max. lifting capacity: **7 t**

Jib length: **6.1 m ~ 15.25 m**

Longest boom + longest jib: **43 m + 15.25 m**



■ LATTICE BOOM CRAWLER CRANE

SCE1000A

Adaptable and Versatile



100 t



242 kW / 1800 rpm



31.2 t



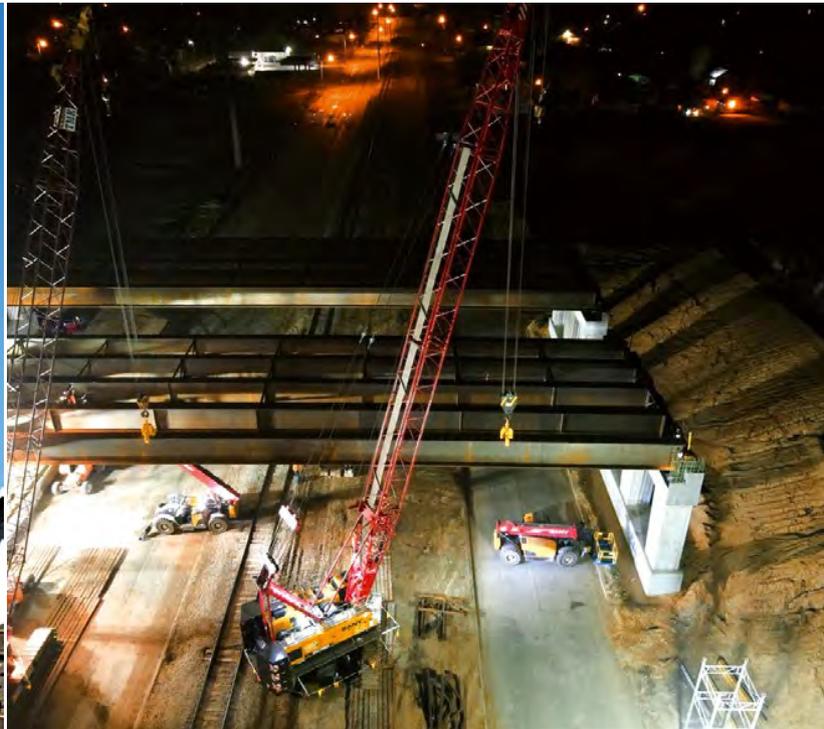
11 t



3.49 m / 5.1 m



04 / 05



■ LATTICE BOOM CRAWLER CRANE

SCE1000A

- 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

Cummins
QSL9-C325 Stage V

MAIN PUMP

Kawasaki

MAIN VALVE

Kawasaki

REDUCER

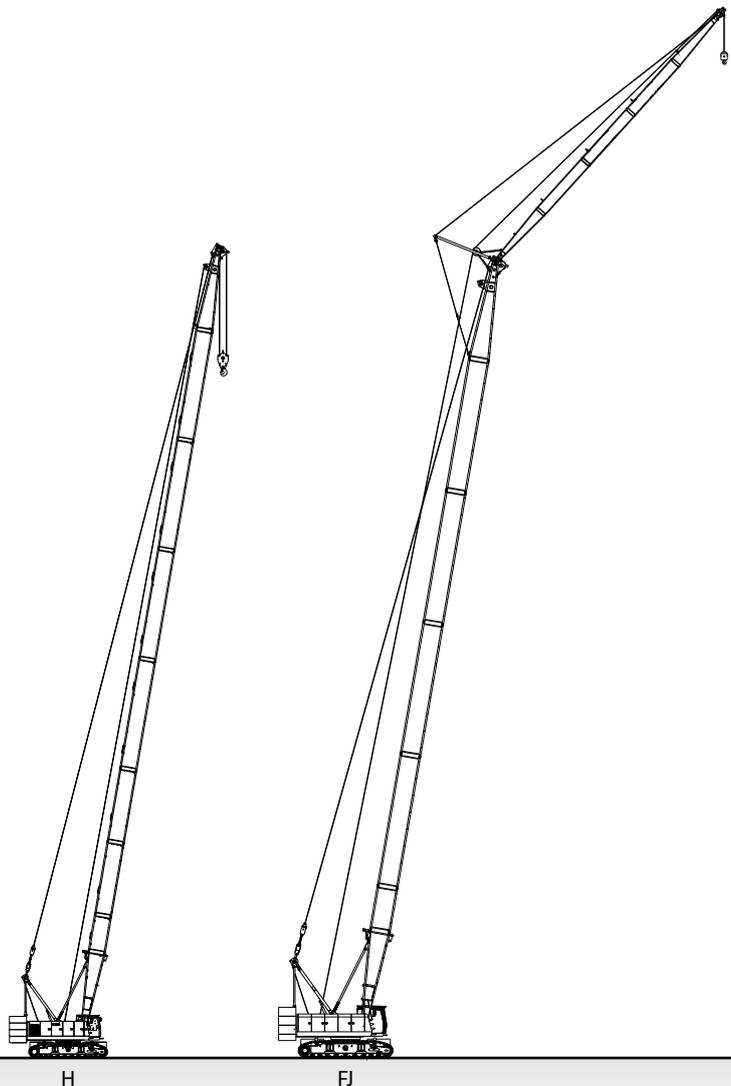
Rexroth

H

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**



■ LATTICE BOOM CRAWLER CRANE

SCE1000A-EV

Go Green with Pure Electric Solution



100 t



206 kW



282 kWh



618 V



39.6 t



11 t



5.09 m / 3.5 m



SCE1000A-EV



- Zero emission, environmentally friendly and energy-saving.
- With a 282 kWh high-capacity power battery, the endurance exceeds 8 hours (European working conditions), while the Liebherr LR1250 has a range of only 4 hours with a 196 kWh battery.
- 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.

ENGINE

Danfoss
EM-PMI375-T1100

MAIN PUMP

Kawasaki

MAIN VALVE

Kawasaki

REDUCER

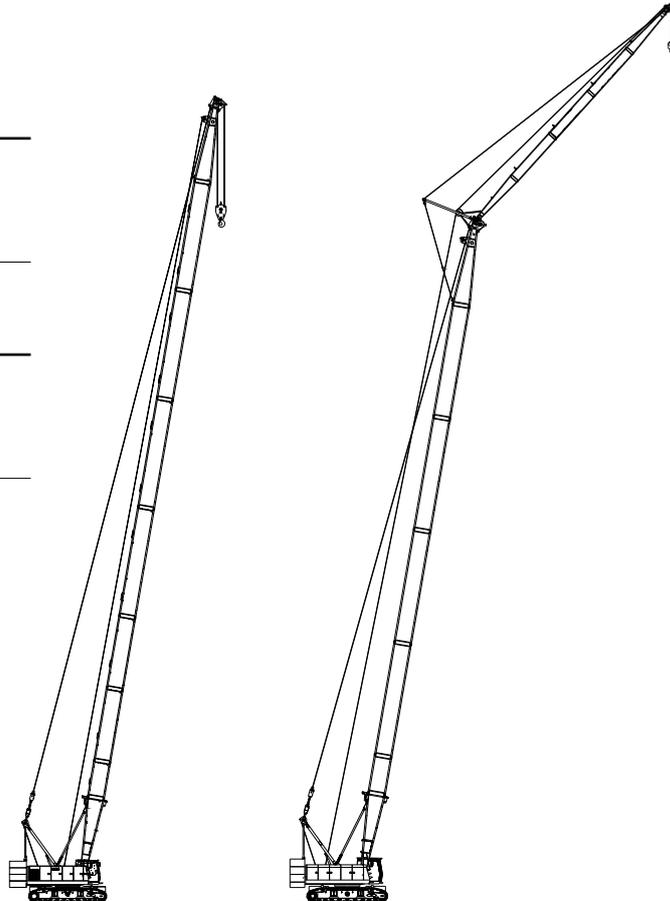
Rexroth

H

Max. lifting capacity: **100 t**
Max. lifting moment: **380 t·m**
Boom length: **64 m**

FJ

Max. lifting capacity: **12 t**
Jib length: **9 m - 22.5 m**
Longest boom + longest jib: **52 m + 22.5 m**



H

FJ

■ LATTICE BOOM CRAWLER CRANE

SCE1350A

Versatile Power, Unmatched Efficiency

 Max 135 t

 242 kW / 1800 rpm

 54 t

 20 t

 5.65 m



■ LATTICE BOOM CRAWLER CRANE

SCE1350A

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

ENGINE

Cummins
L9-C325 Stage V

MAIN PUMP

Kawasaki

MAIN VALVE

Kawasaki

REDUCER

Rexroth

H

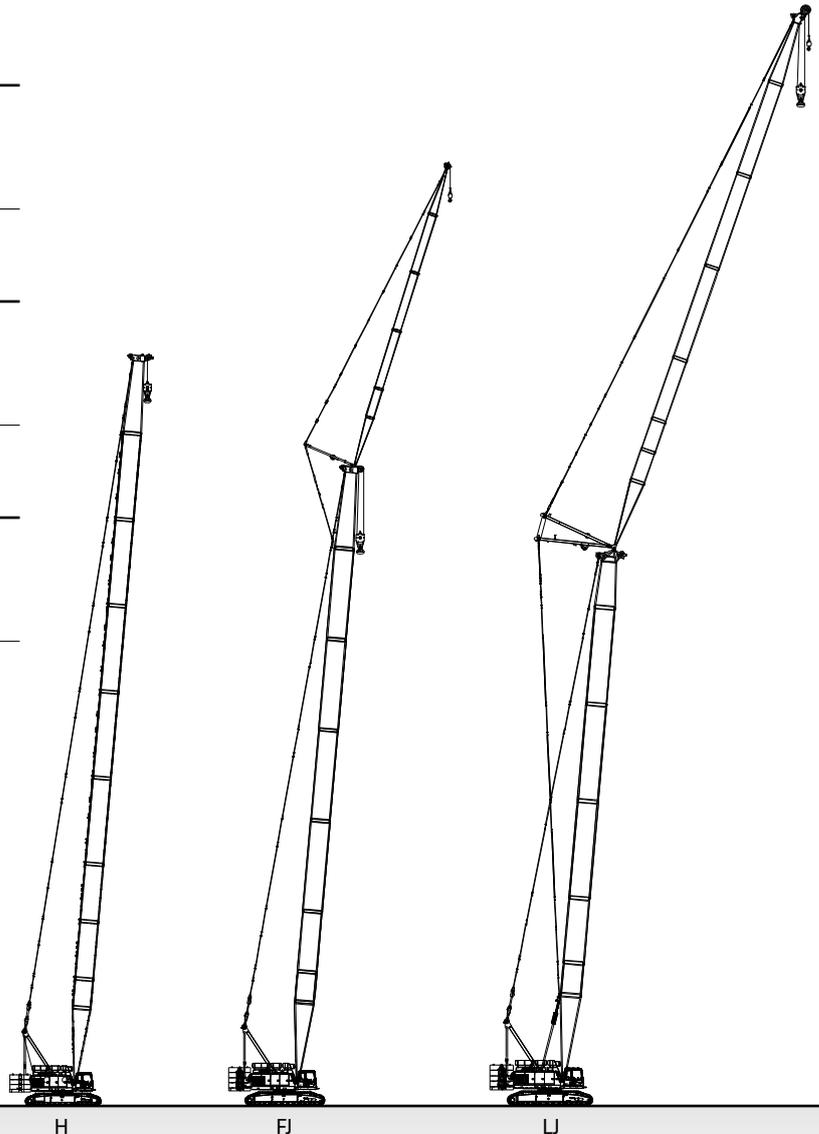
Max. lifting capacity: **135 t**
Max. lifting moment: **668 t · m**
Boom length: **16 m ~ 76 m**

FJ

Max. lifting capacity: **27 t**
Jib length: **13 m ~ 31 m**
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**



■ LATTICE BOOM CRAWLER CRANE

SCE1350A-EV

Unbeatable Efficiency, Zero Emissions

 135 t

 336 kW

 368 kWh

 52 t

 20 t

 5.65 m

■ LATTICE BOOM CRAWLER CRANE

SCE1350A-EV



- 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 rang

MOTOR

Danfoss

EM-PMI375-T1100

MAIN PUMP

Kawasaki

MAIN VALVE

Kawasaki

REDUCER

Rexroth

H

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**

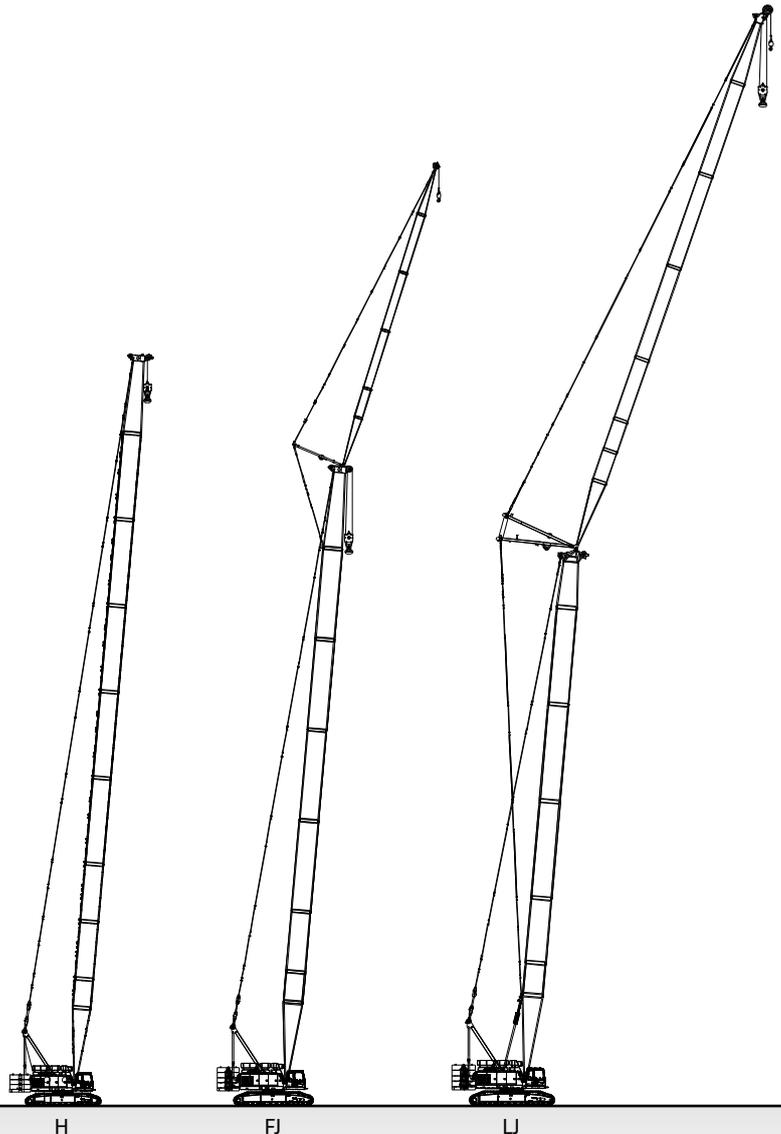
Longest boom + longest jib: **61 m + 31 m**

LJ

Max. lifting capacity: **40 t**

Jib length: **22 m ~ 52 m**

Longest boom + longest jib: **49 m + 52 m**



■ LATTICE BOOM CRAWLER CRANE

SCC2000A-EV

Europe's Electric Efficiency Champion



200 t



234 kW / 2100 rpm



422.87 kWh



77 t



20 t



7500 mm



- Pure electric, low emission, environmentally friendly and energy saving.
- Long Battery Range Equipped with 422.87kWh high-capacity power battery, supporting 8h long time operation.
- 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 240kW DC charging, charging time <2h.
- 10kW, 20kW, 40kW, 80kW 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
CATL

ELECTRIC MOTOR
Danfoss

MAIN PUMP
Danfoss

MAIN VALVE
Danfoss

H

Max. lifting capacity: **200 t**
Max. lifting moment: **1304 t·m**
Boom length: **20 m ~ 86 m**

FJ

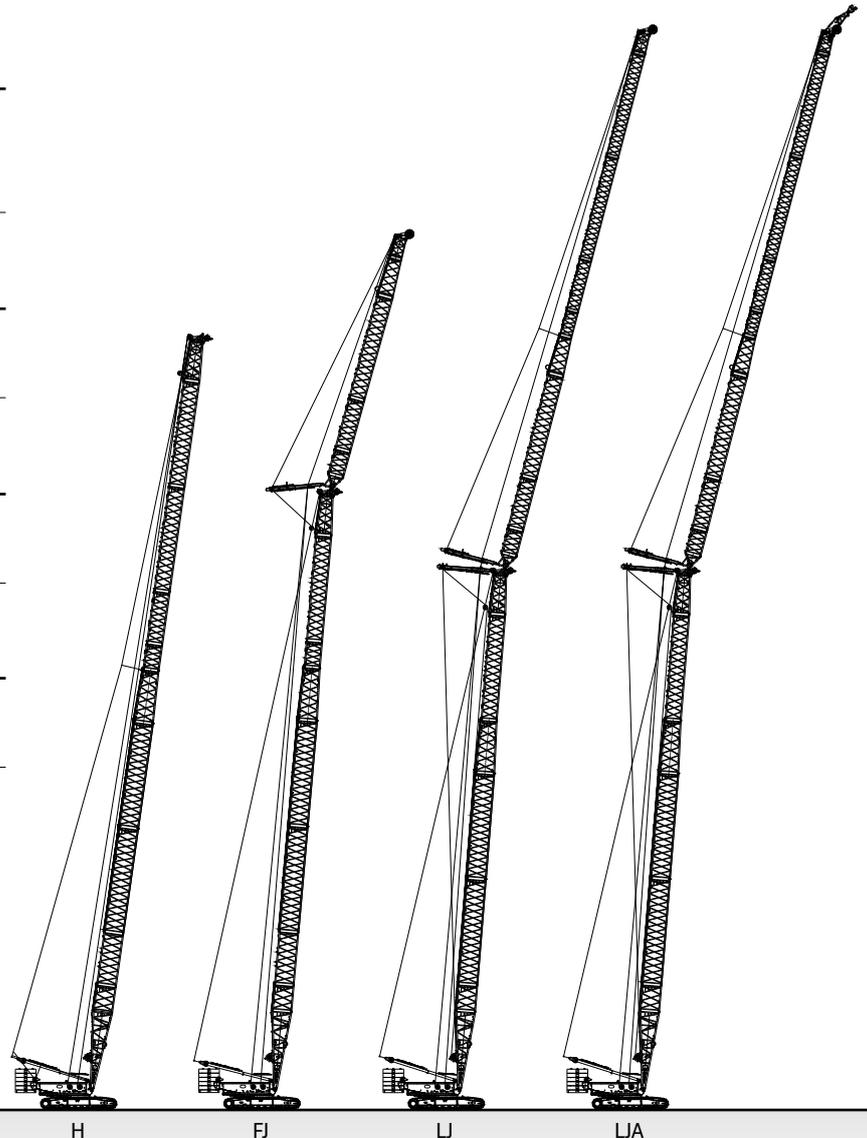
Jib length: **15 m ~ 30 m**
Longest boom + longest jib: **68 m + 30 m**

LJ

Jib length: **18 m ~ 63 m**
Longest boom + longest jib: **59 m + 63 m**

LJA

Jib length: **18 m ~ 63 m**
Longest boom + longest jib: **59 m + 63 m**



■ LATTICE BOOM CRAWLER CRANE

SCE2800A

All Rounder for Infrastructure Building



280 t



298 kW



100 t



40 t



6.78 m



■ LATTICE BOOM CRAWLER CRANE

SCE2800A

- Widely applied in storied building, factory, subway, bridge, pipeline, port and base construction
- 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
- Porsche driver's cab featuring streamlined modeling and convenient contro

ENGINE

Cummins

X12-C400 298kW Stage V

MAIN PUMP

Rexroth

MAIN VALVE

Rexroth

REDUCER

Rexroth / O&K

H

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**

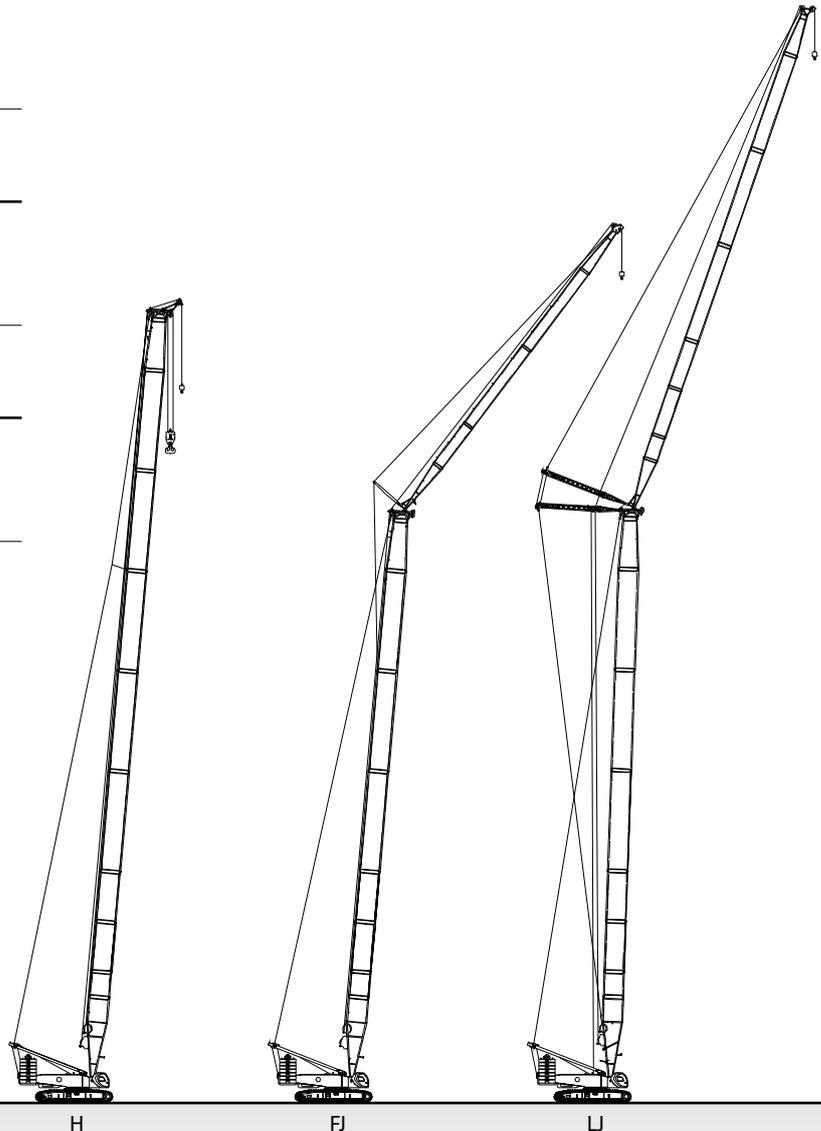
Longest boom + longest jib: **62 m + 42 m**

LJ

Max. lifting capacity: **110 t**

Jib length: **21 m ~ 63 m**

Longest boom + longest jib: **62 m + 63 m**



■ LATTICE BOOM CRAWLER CRANE

SCC3200T

Pioneer of Construction



320 t



Stage V



Full configuration (boom+fixed jib+luffing jib)
87m+37m+70m



■ LATTICE BOOM CRAWLER CRANE

SCC3200T

- Global Design Concept, The new generation of "T-series" products born under the global design concept meet the needs of many markets such as Europe, the USA, Australia and South Korea.
- Multi-main Pump Hydraulic System, Main pump and main valve of electric proportional adjustment, accurate and efficient for multi-functions, multi-stage speed, fine inching ability.
- Self-dis/assembly of boom base, rear counterweight, and crawlers.
- Modular Boom, Configuration H 87 m, LJ 60 m + 70 m, FJ 63 m + 13 m, The boom is common in different configuration. Reduce customer cost for purchasing and storage.

ENGINE

Cummins

X12-C400 298kW Stage V

MAIN PUMP

Rexroth

HOISTING REDUCER

Rexroth

TRAVELING REDUCER

O&K

H

Max. lifting capacity: **320 t**

Max. lifting moment: **2000 t·m**

Boom length: **24 m ~ 87 m**

HJ

Max. lifting capacity: **145 t**

Boom length: **58.5 m ~ 97.5 m**

FJ

Max. lifting capacity: **88.9 t**

Jib length: **13 m ~ 37 m**

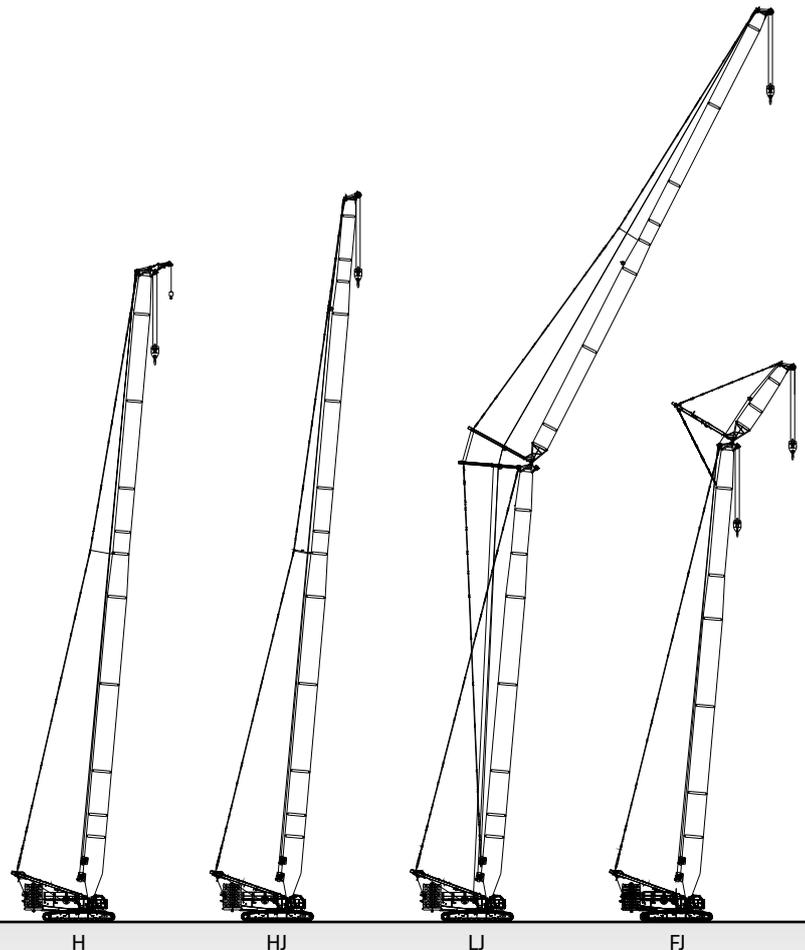
Longest boom + longest jib: **45 m + 37 m**

LJ

Max. lifting capacity: **127 t**

Jib length: **25 m ~ 70 m**

Longest boom + longest jib: **60 m + 70 m**



■ LATTICE BOOM CRAWLER CRANE

SCE4000A-1

Strong and Reliable

 400 t

 298 kW / 2100 rpm

 150 t

 40 t

 7.3 m

■ LATTICE BOOM CRAWLER CRANE

SCE4000A-1

- 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

ENGINE

Cummins X12 Stage V

MAIN PUMP

Rexroth

MAIN VALVE

Rexroth

REDUCER

Rexroth

H

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**

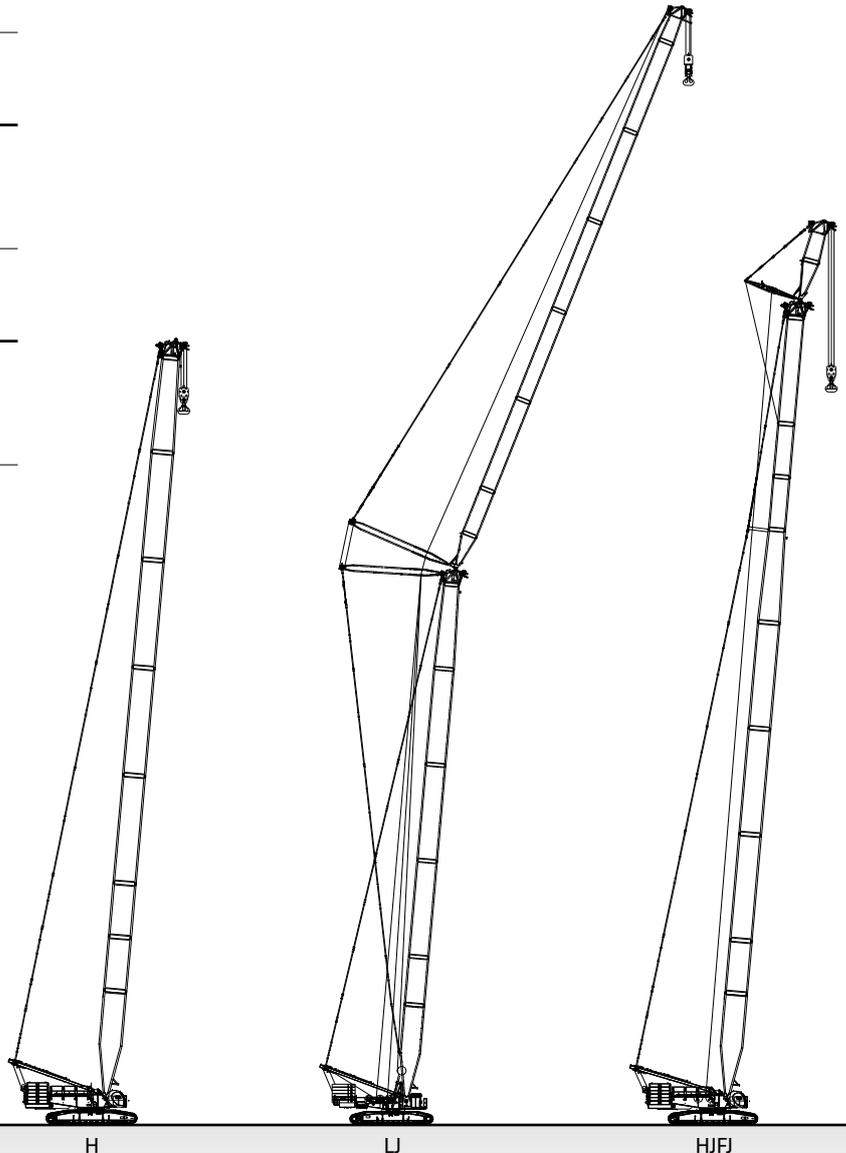
Longest boom + longest jib: **66 m + 75 m**

HJFJ

Max. lifting capacity: **72.8 t**

Jib length: **9 m**

Longest boom + longest jib: **90 m + 9 m**





■ LATTICE BOOM CRAWLER CRANE

SCE4800A

Smart and Strong



480 t



298 kW / 2100 rpm



180 t



50 t



210 t



7.63 m

■ LATTICE BOOM CRAWLER CRANE

SCE4800A

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

ENGINE

Foton Cummins
X12-C400 Stage V

MAIN PUMP

Rexroth

MAIN VALVE

Rexroth

REDUCER

Rexroth

H

Max. lifting capacity: **480 t**
Max. lifting moment: **2984 t·m**
Boom length: **24 m ~ 84 m**

LJ

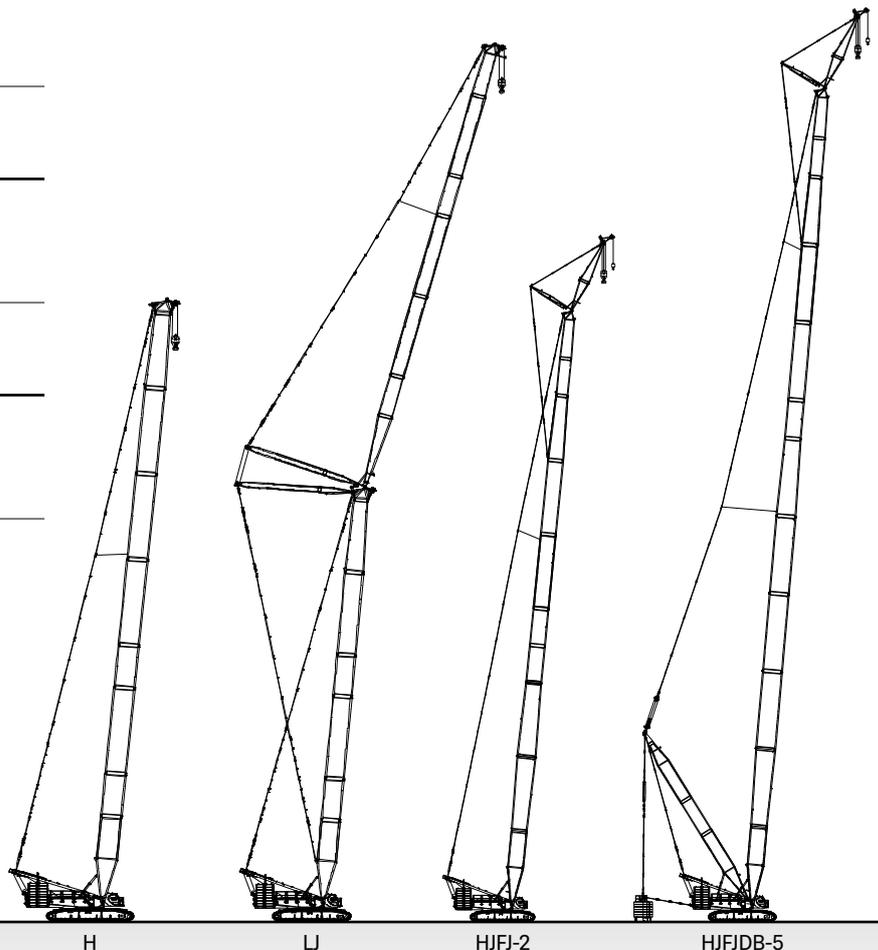
Max. lifting capacity: **177 t**
Luffing jib length: **24 m ~ 72 m**
Longest boom + longest luffing jib: **60 m + 72 m**

HJFJ-2

Max. lifting capacity: **140 t**
Fixed jib length: **72 m ~ 96 m**
Longest boom + longest jib: **96 m + 12 m**

HJFJDB-5

Max. lifting capacity: **133 t**
Fixed jib length: **96 m ~ 126 m**
Longest boom + longest jib: **126 m + 12 m**



■ LATTICE BOOM CRAWLER CRANE

SCE6000A

Strong and Efficient

 600 t

 447 kW / 1800 rpm

 280 t + 210 t (superlift CW)

 50 t

 8 m

■ LATTICE BOOM CRAWLER CRANE

SCE6000A

- 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

Cummins America

MAIN PUMP

Rexroth

MAIN VALVE

Rexroth

REDUCER

Rexroth

H

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**

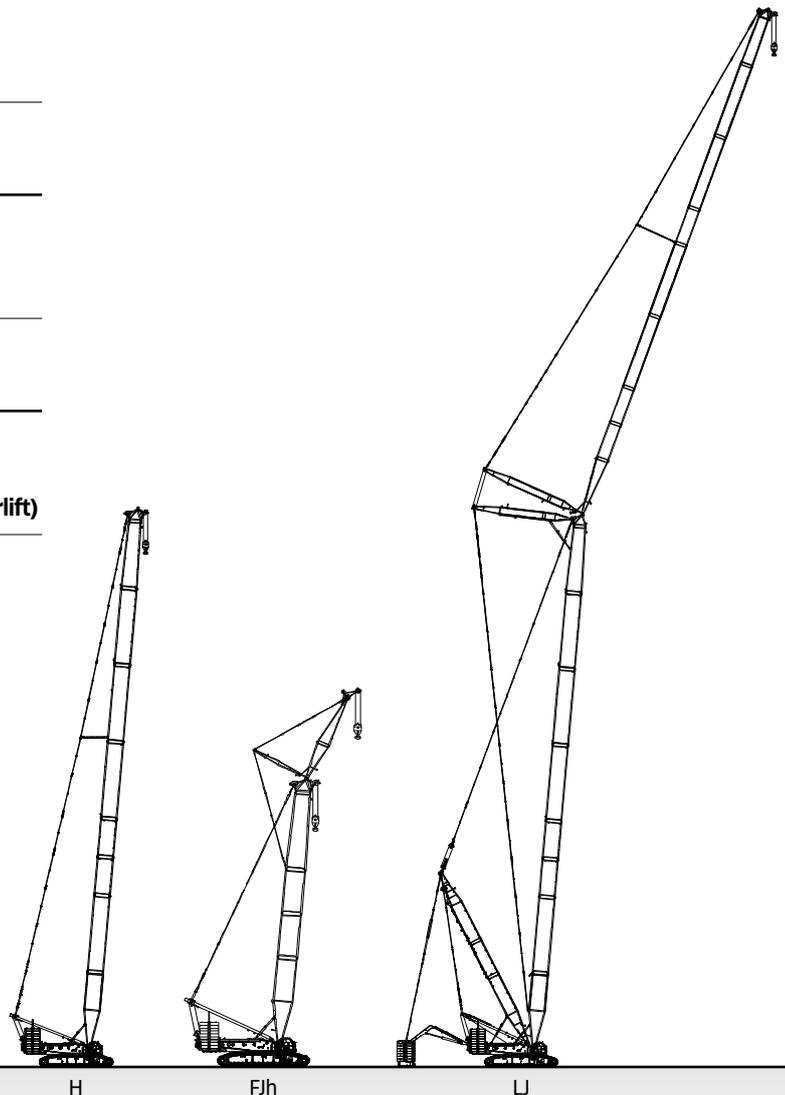
Longest boom + longest jib: **36 m + 12 m**

U

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)**



■ LATTICE BOOM CRAWLER CRANE

SCE8000A

Power Meets Precision

 Max 800 t

 447 kW / 1800 rpm

 230 t

 80 t

 390 t

 9 m



■ LATTICE BOOM CRAWLER CRANE

SCE8000A

- 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 0.2MPa

ENGINE

Cummins
X15-C600 Stage V

MAIN PUMP

Rexroth

MAIN VALVE

Rexroth

REDUCER

Rexroth

H

Max. lifting capacity: **800 t**
Max. lifting moment: **4956 t·m**
Boom length: **99 m**

HDB

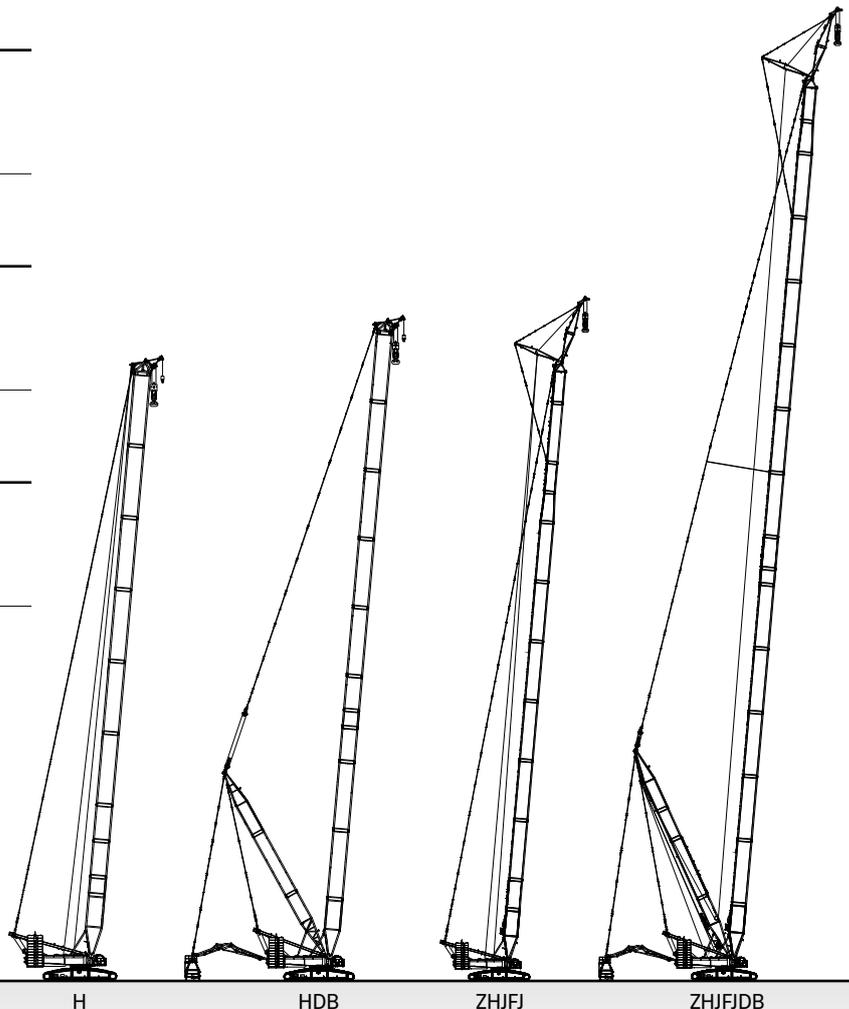
Max. lifting capacity: **800 t**
Max. lifting moment: **12000 t·m**
Boom length: **111 m**

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**



■ LATTICE BOOM CRAWLER CRANE

SCE12500A

Blending Height with Optimum Power

 1250 t

 2×315 kW

 250 t

 90 t

 550 t

 9.8 m



■ LATTICE BOOM CRAWLER CRANE

SCE12500A

- 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

ENGINE
OM470LA. E5/2

MAIN PUMP
Danfoss

MAIN VALVE
Rexroth

REDUCER
Rexroth

H

Max. lifting capacity: **1250 t**
Max. lifting moment: **19800 t·m**
Boom length: **108 m**

HJDB

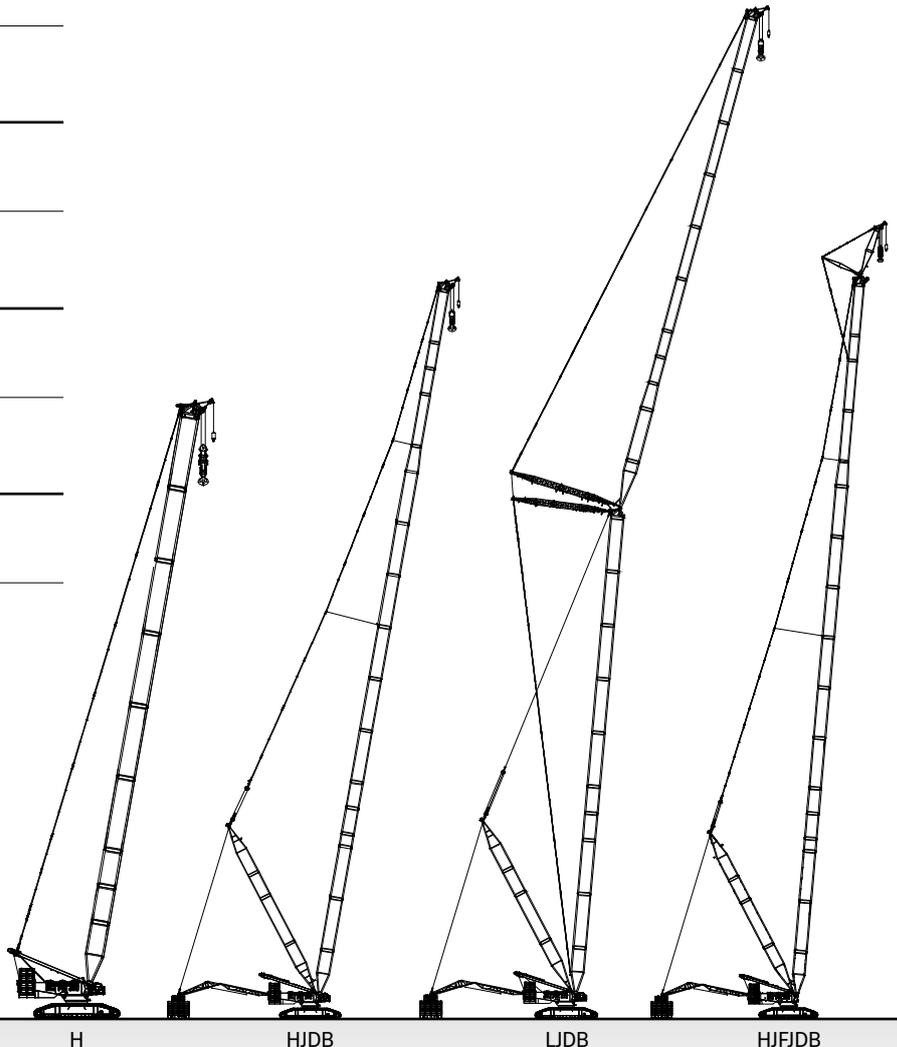
Max. lifting capacity: **650 t**
Boom length: **171 m**

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**



■ LATTICE BOOM CRAWLER CRANE

SCE22000A

Super Heavy Lifter

 Max
2200 t

 2×390 kW

 340 t

 89 t

 1160 t

 11.5 m

■ LATTICE BOOM CRAWLER CRANE

SCE22000A

- 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

**Mercedes-Benz
OM471LA.E5-1**

MAIN PUMP

Rexroth

MAIN VALVE

Rexroth

REDUCER

Rexroth

HDB

Max. lifting capacity: **2200 t**

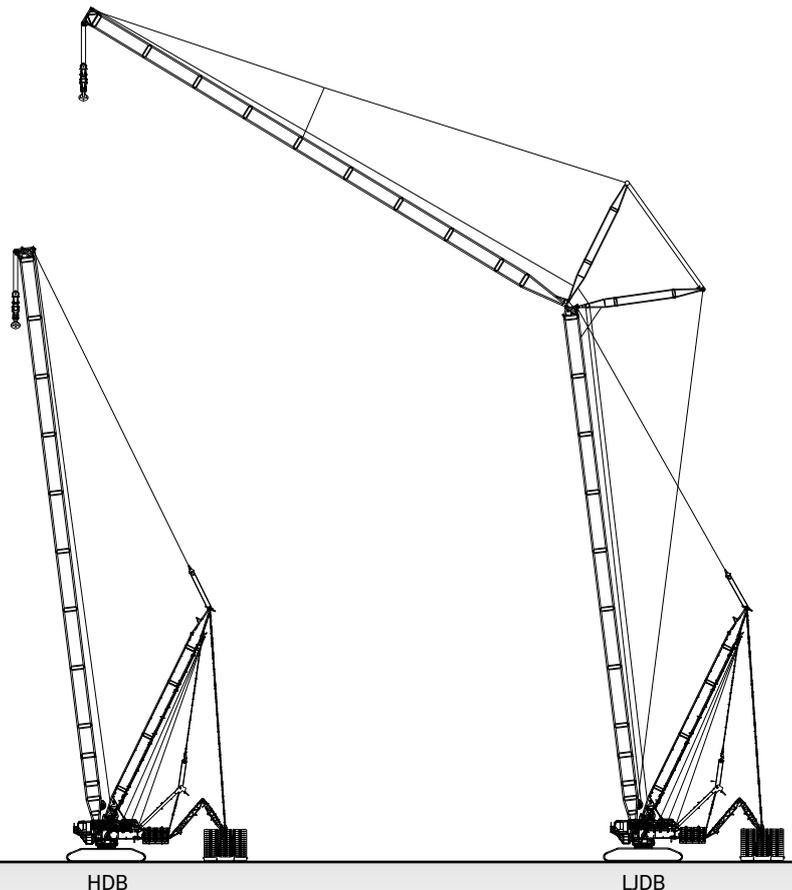
Max. lifting moment: **38000 t·m**

Boom length: **54 m ~ 120 m**

LJDB

Max. lifting capacity: **917 t**

Longest boom + longest jib: **108 m + 108 m**



■ TELESCOPIC CRAWLER CRANE

SCE400TB

Simple and Reliable



40 t



168 kW / 1800 rpm



13 t



3.95 m / 2.29 m



■ TELESCOPIC CRAWLER CRANE

SCE400TB

- U-shape large profile boom with max. lifting moment 160t.m, lifting performance improved by more than 15%.
- Fully retracted width 3m, 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
Cummins

MAIN PUMP
Danfoss

MAIN VALVE
Danfoss

REDUCER
Brevini / Zhuzhou gear

H

Max. lifting capacity: **40 t**
Max. lifting moment: **160 t·m**
Boom length: **11.3 m ~ 44 m**

FJ

Max. lifting capacity: **3.4 t**
Jib length: **9.2 m / 16 m**
Longest boom + longest jib: **44 m + 16 m**



TELESCOPIC CRAWLER CRANE

STB500T5-EV

High Cost Performance



50 t



146 kW / 1800 rpm



13 t



4650 mm / 3820 mm / 2990 mm



■ TELESCOPIC CRAWLER CRANE

STB500T5-EV



- Pure electric, low emission, environmentally friendly and energy saving.
- Long Battery Range Equipped with 210kWh 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 120kW DC charging, charging time <2h.
- 10kW, 20kW, 40kW, 80kW 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
CATL

ELECTROMOTOR
Dana

MAIN PUMP
Danfoss

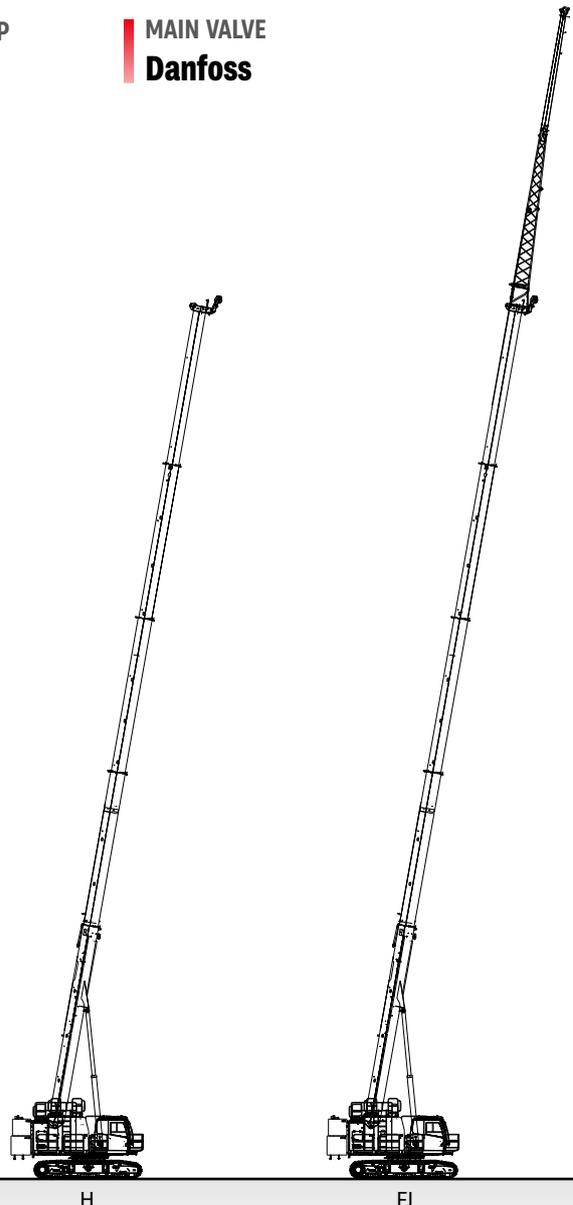
MAIN VALVE
Danfoss

H

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**
Jib options: **9.2 m / 16 m**
Boom combination: **44 m + 16 m**



H

FJ

■ TELESCOPIC CRAWLER CRANE

SCE600TB

Move & Work Efficiently



60 t



145 kW / 2000 rpm



19 t



4.0 m / 3.25 m



■ TELESCOPIC CRAWLER CRANE

SCE600TB

- 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

ENGINE

Cummins
B6.7-195 Stage V

MAIN PUMP

InLine

MAIN VALVE

Rexroth

REDUCER

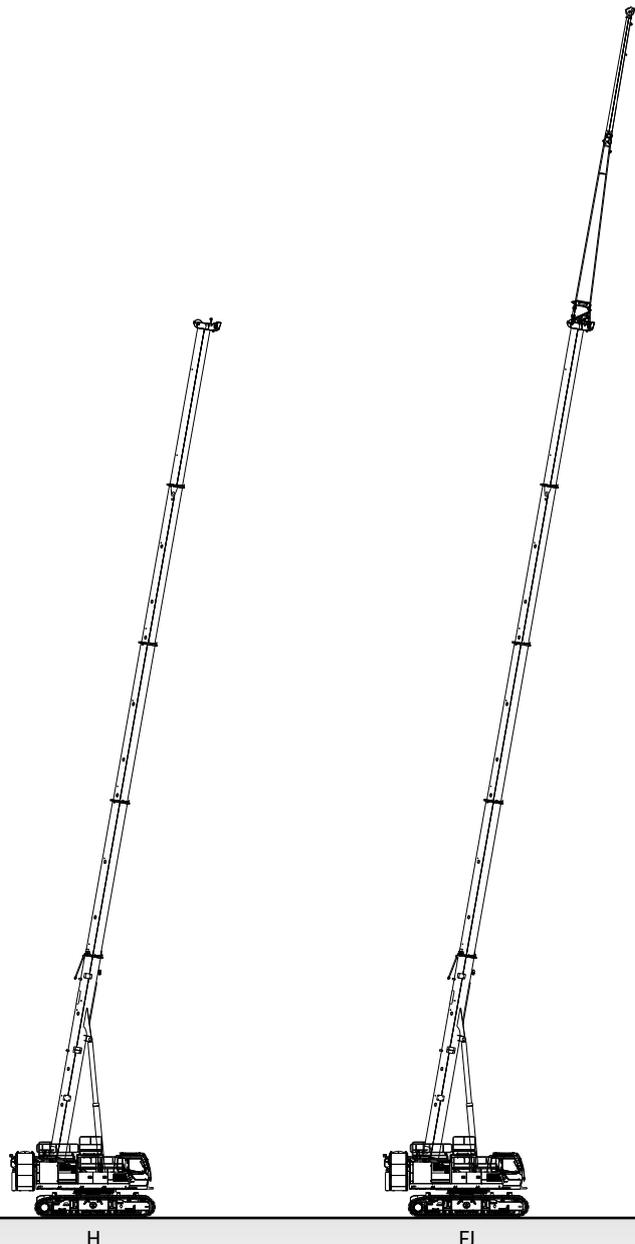
Rexroth / Brevini

H

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**



H

FJ

SANY



www.sanyglobal.com



■ TELESCOPIC CRAWLER CRANE

SCE800TB

Proven Reliability



80 t



242 kW /1800 rpm



26 t



6 t



2.64 m / 3.45 m / 4.25 m



TELESCOPIC CRAWLER CRANE

SCE800TB

- 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

Cummins
L9-C325 Stage V

MAIN PUMP

Danfoss

MAIN VALVE

Rexroth

REDUCER

Rexroth / O&K

H

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**



H

FJ

■ TELESCOPIC CRAWLER CRANE

SCE800TB-EV

Sustainable Power, Emission-Free

 80 t

 206 kW / 1500 rpm

 282 kWh

 618 V

 26 t

 6 t

 5.1 m / 3.49 m

TELESCOPIC CRAWLER CRANE

SCE800TB-EV



- 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

MOTOR

Danfoss

EM-PMI375-T1100-1500

MAIN PUMP

Danfoss

MAIN VALVE

Danfoss

REDUCER

Rexroth / O&K

H

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**



H

FJ

SANY



www.sanyglobal.com



TELESCOPIC CRAWLER CRANE

SCE1000TB-EV

Powering Efficiency with Zero Emissions



100 t



206 kW / 1800 rpm



282 kWh



618 V



29 t



14 t



4.42 m / 3.632 m / 2.827 m



TELESCOPIC CRAWLER CRANE

SCE1000TB-EV



- 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

MOTOR

Danfoss

EM-PMI375-T1100-1500

MAIN PUMP

Danfoss

MAIN VALVE

Danfoss

REDUCER

Rexroth

H

Max. lifting capacity: **100 t**

Max. lifting moment: **360 t·m**

Boom length: **49.9 m**

FJ

Max. lifting capacity: **6.5 t**

Jib length: **10.2 m / 17.5 m**

Longest boom + longest jib: **49.9 m + 17.5 m**



SANY



www.sanyglobal.com



TELESCOPIC CRAWLER CRANE

SCE1500TB

Unmatched Power, Smart Efficiency

 150 t

 242 kW / 1800 rpm

 36 t

 10 t

 3.97 m / 4.92 m / 5.84 m



■ TELESCOPIC CRAWLER CRANE

SCE1500TB

- 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

Cummins
L9-C325 Stage V

MAIN PUMP

Danfoss

MAIN VALVE

Danfoss

REDUCER

Rexroth

H

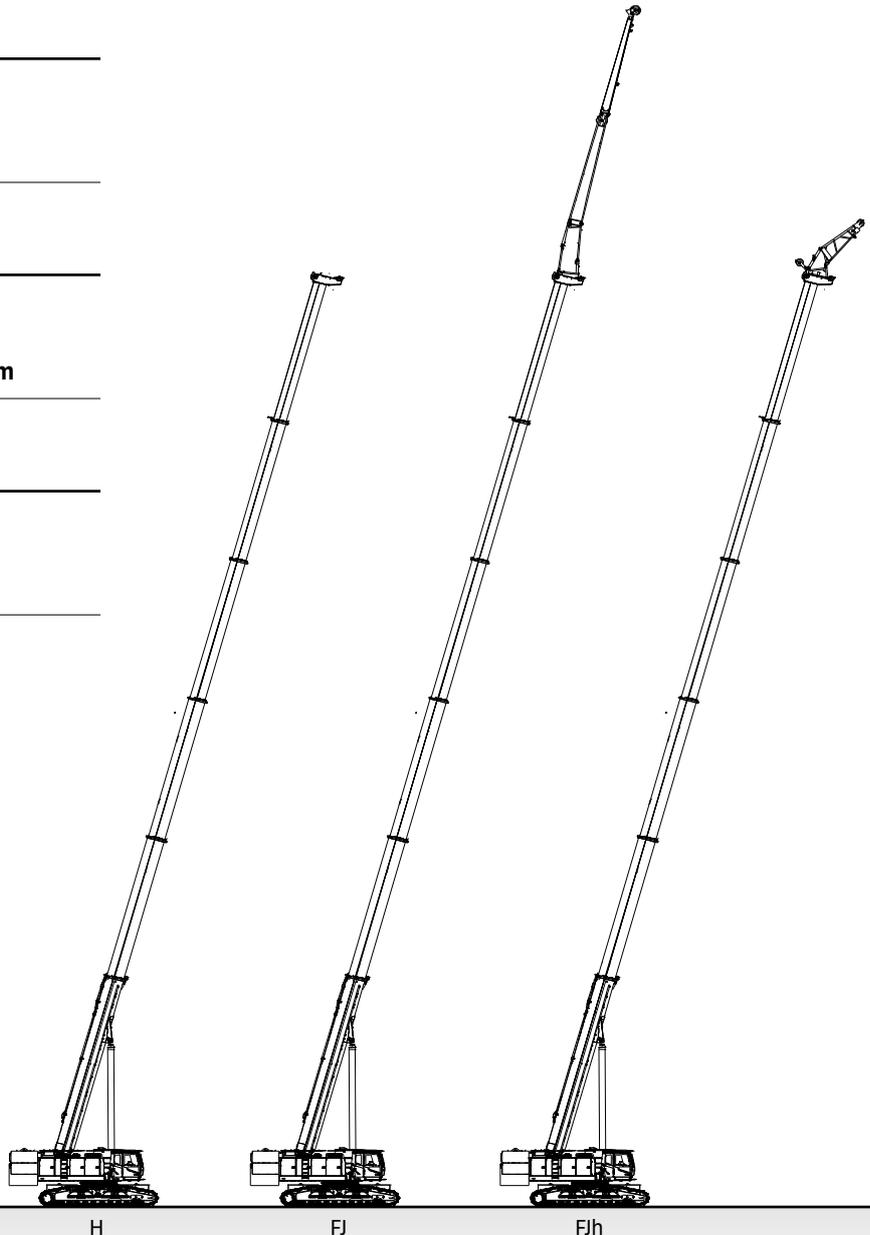
Max. lifting capacity: **150 t**
Max. lifting moment: **480 t·m**
Boom length: **59.9 m**

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**



TELESCOPIC CRAWLER CRANE

SCE1500TB-EV

Eco-Power Unleashed:
**Ultimate Efficiency
and Endurance**



150 t



206 kW



282 kWh



618 V



46 t



10 t



5.85 m / 4.92 m / 3.99 m



■ TELESCOPIC CRAWLER CRANE

SCE1500TB-EV



- Zero emission, environmentally friendly and energy-saving
- With a 282 kWh high-capacity power battery, the endurance exceeds 8 hours (European working conditions), while the Liebherr LR1250 has a range of only 4 hours with a 196 kWh battery
- 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

MOTOR

Danfoss
EM-PMI375-T1100

MAIN PUMP

Danfoss

MAIN VALVE

Danfoss

REDUCER

Rexroth

H

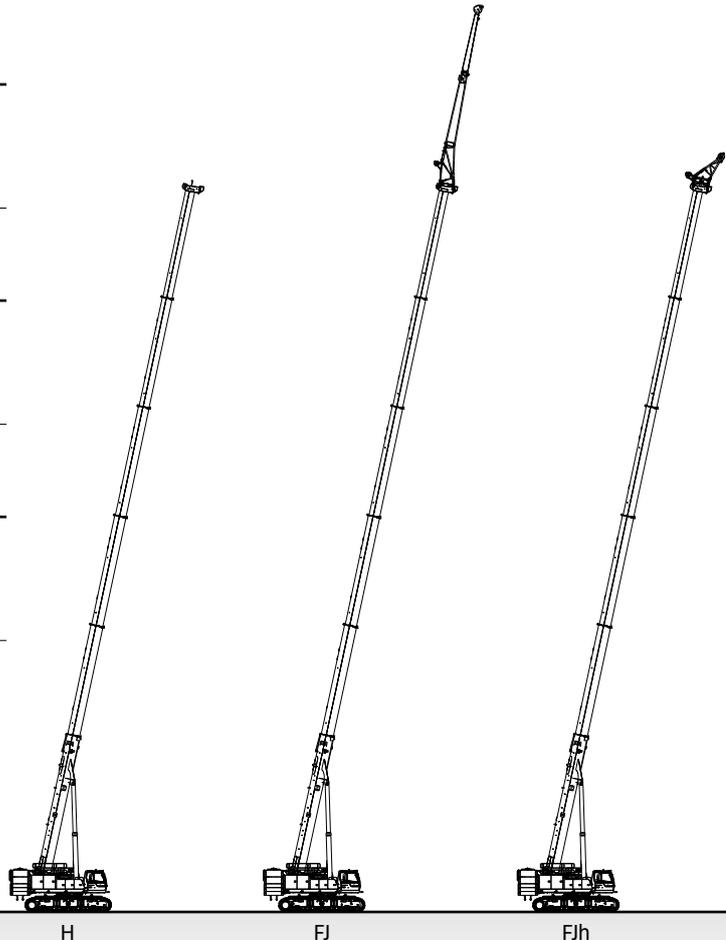
Max. lifting capacity: **150 t**
Max. lifting moment: **480 t·m**
Boom length: **59.9 m**

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**



■ TELESCOPIC CRAWLER CRANE

SCE2500TB

Smart Control, Seamless Transport



250 t



242 kW / 1800 rpm



60 t



20 t



5.20 m / 6.28 m / 7.35 m



TELESCOPIC CRAWLER CRANE

SCE2500TB

- 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
- 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

Cummins
L9-C325 Stage V

MAIN PUMP

Sany

MAIN VALVE

Danfoss

REDUCER

Zhuzhou gear

H

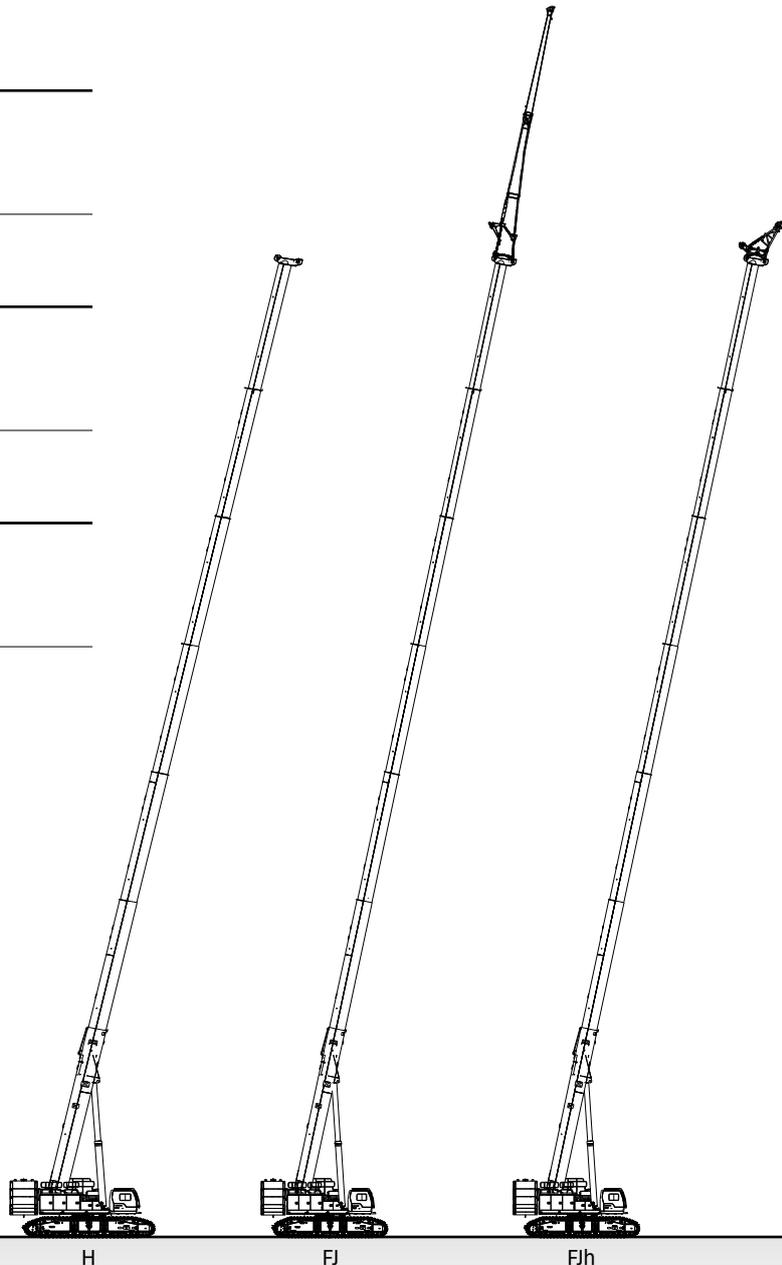
Max. lifting capacity: **250 t**
Max. lifting moment: **860 t·m**
Boom length: **14.4 m ~ 75.4 m**

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: **124.5 t**
Jib length: **3 m**
Longest boom + longest jib: **75.4 m + 3 m**



■ ALL-TERRAIN CRANE

SAC600E

Compact and Flexible

 60 t

 50 m

 16 m

 280 kW / 1600 rpm

 13 t



■ ALL-TERRAIN CRANE

SAC600E

- 12 t axle load with 4.2 t counterweight
- 16 t axle load with 13 t counterweight and tail toolbox.
- Counterweight self loading and unloading, safe and efficient
- New generation iCab, safe, comfortable, user-friendly
- Wireless remote control for all operation movements
- Optional anti-electromagnetic interference module

ENGINE

**Mercedes-Benz
OM470LA (EU Stage V)**

AXLES

Kessler

TRANSMISSION

Allison

MAIN VALVE/PUMP

Danfoss

T

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



■ ALL-TERRAIN CRANE

SAC700E

Compact and Flexible

 70 t

 50 m

 16 m

 360 kW / 1600 rpm

 15 t



■ ALL-TERRAIN CRANE

SAC700E

- 10 t axle load with 4.5 t counterweight
- 12 t axle load with 10.8 t counterweight and tail toolbox.
- 16 t axle load with 15 counterweight and tail toolbox.
- Counterweight self loading and unloading, safe and efficient
- New generation iCab, safe, comfortable, user-friendly
- Wireless remote control for all operation movements
- Optional anti-electromagnetic interference module

ENGINE

**Mercedes-Benz
OM471LA (EU Stage V)**

AXLES

Kessler

TRANSMISSION

ZF Traxon

MAIN VALVE/PUMP

Danfoss /Rexroth

T

Max. lifting capacity: **70 t**
Max. boom length: **50 m**
Max. lifting radius: **40 m**
Max. lifting height: **50.5 m**

TJ

Max. lifting capacity: **8 t**
Max. boom length: **66 m**
Max. lifting radius: **46 m**
Max. lifting height: **66.5 m**

TA

Max. lifting capacity: **9.1 t**
Max. boom length: **53 m**
Max. lifting radius: **40 m**
Max. lifting height: **53.5 m**



■ ALL-TERRAIN CRANE

SAC1200E

Strong and Efficient

 120 t

 66 m

 25.7 m

 360 kW / 1600 rpm

 150 kW / 1800 rpm

 31 t



■ ALL-TERRAIN CRANE

SAC1200E

- 12 t axle load
- Double engine system with reduced operation fuel consumption
- Capable of traveling with 17.2 t counterweight on jobsites
- Counterweight self loading and unloading, rearward movement 940 mm
- Standard anti-electromagnetic interference module
- New generation iCab, safe, comfortable, user-friendly
- Wireless remote control for all operation movements

CHASSIS ENGINE

**Mercedes-Benz
OM471LA (EU Stage V)**

CRANE ENGINE

**Mercedes-Benz
OM934LA (EU Stage V)**

AXLES

Kessler

TRANSMISSION

ZF Traxon

MAIN VALVE / PUMP / MOTOR

Rexroth

T

Max. lifting capacity: **120 t**
Max. boom length: **66 m**
Max. lifting radius: **54 m**
Max. lifting height: **66 m**

TJ* / TH*

Max. lifting capacity: **7.2 t**
Jib length: **10.4 m / 18.7 m**
Max. lifting radius: **60 m**
Max. lifting height: **84 m**

TEJ / TEH*

Max. lifting capacity: **6 t**
Jib length: **17.4 m / 25.7 m**
Max. lifting radius: **60 m**
Max. lifting height: **91 m**

TA*

Max. lifting capacity: **29.1 t**
Jib length: **2.9 m**
Max. lifting radius: **52 m**
Max. lifting height: **68.5 m**

* optional



■ ALL-TERRAIN CRANE

SAC2500E

Maximized Performance and Reliability

 250 t

 75 m

 43 m

 390 kW / 1600 rpm

 149 kW / 2200 rpm

 80 t



■ ALL-TERRAIN CRANE

SAC2500E

- 12 t axle load
- Double engine system with reduced operation fuel consumption
- Capable of traveling with 22 t counterweight on jobsites
- Standard anti-electromagnetic interference module
- New generation iCab, safe, comfortable, user-friendly
- Wireless remote control for all operation movements

CHASSIS ENGINE

**Mercedes-Benz
OM471LA (EU Stage V)**

CRANE ENGINE

**Cummins
B6.7 (EU Stage V)**

AXLES

Kessler

TRANSMISSION

ZF Traxon

MAIN VALVE/PUMP/MOTOR

Rexroth

T

Max. lifting capacity: **250 t**
Max. boom length: **75 m**
Max. lifting radius: **70 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: **95 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



ROUGH-TERRAIN CRANE

SRE450

Optimal Off-road Agility



45 t



35 m



16 m



209 kW / 2200 rpm



4.5 t



ROUGH-TERRAIN CRANE

SRE450

- 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 B6.7 (EU Stage V)

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**



T (on outriggers)

TJ (on outriggers)

T (on tires)

ROUGH-TERRAIN CRANE

SRE600

High Performance, High Reliability



60 t



45.5 m



16 m



209 kW / 2200 rpm



6.4 t



ROUGH-TERRAIN CRANE

SRE600

- 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 B6.7 (EU Stage V)

AXLES

Meritor

TRANSMISSION

ZF

T (on outriggers)

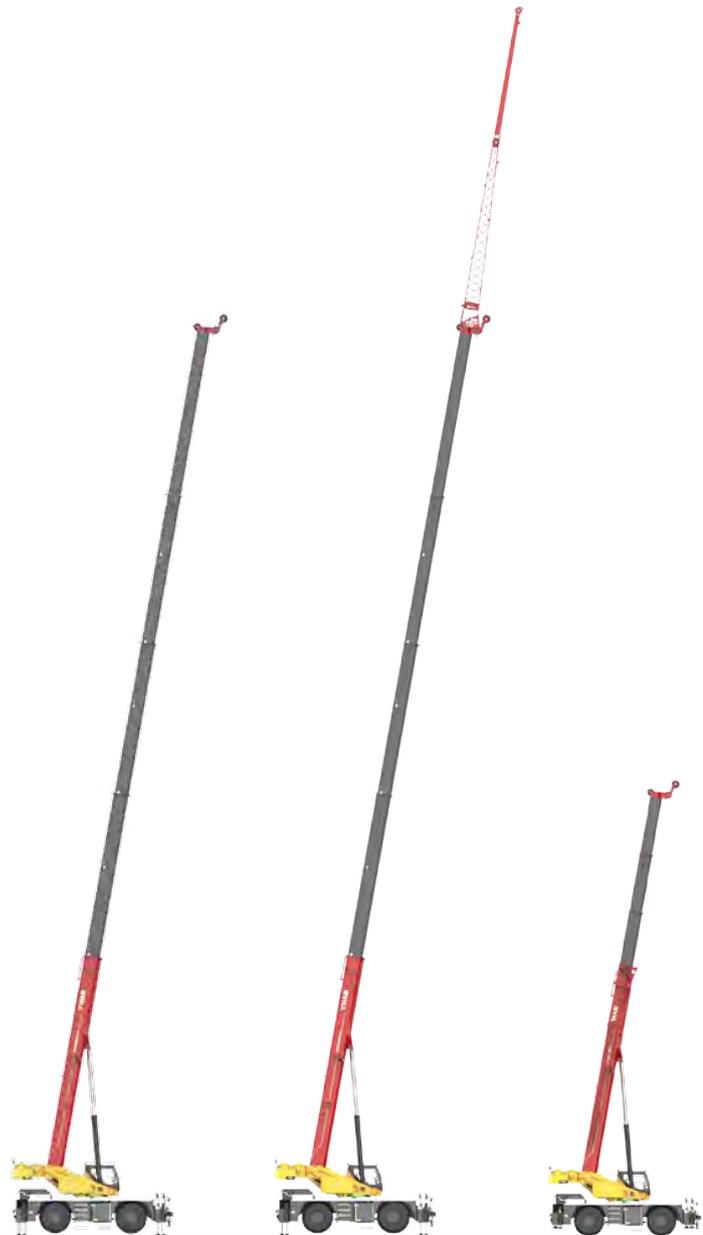
Max. lifting capacity: **60 t**
Max. boom length: **45.5 m**
Max. lifting radius: **34 m**
Max. lifting height: **46 m**

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)

ROUGH-TERRAIN CRANE

SRE900

Focus on Voice From the Market

 Max
90 t

 Max
47 m

 Max
18 m

 209 kW / 2200 rpm

 9.5 t



ROUGH-TERRAIN CRANE

SRE900

- 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

Cummins B6.7 (EU Stage V)

AXLES

Meritor

TRANSMISSION

Dana

T (on outriggers)

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**



ROUGH-TERRAIN CRANE

SRE1100

Strong and Smart

 110 t

 51 m

 18 m

 209 kW / 2200 rpm

 13.5 t



ROUGH-TERRAIN CRANE

SRE1100

- Powerful lifting capacity with 3380kN.m maximum lifting moment and 1740kN.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

Cummins B6.7 (EU Stage V)

AXLES

Meritor

TRANSMISSION

Dana

T (on outriggers)

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**



■ TRUCK-MOUNTED CRANE

SPC500E

Adaptable and Versatile

 50 t

 35 m

 8 m

 7.8 t



■ TRUCK-MOUNTED CRANE

SPC500E

- 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
CASAPPA

MOTOR
Kawasaki

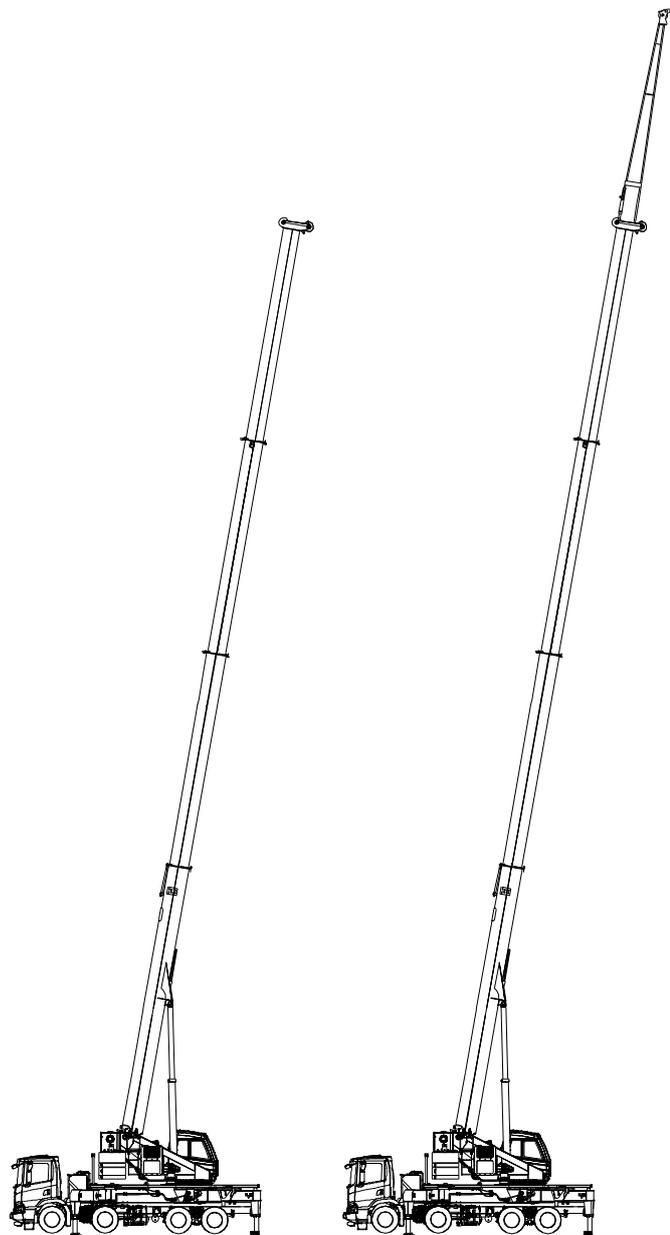
CONTROLLER
IFM

T

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**



T

TJ

SANY[®]



www.sanyglobal.com



■ SANY POWER LINX

SPL210

Mobile Energy Storage



Capacity

210 kWh



Weight

2750 kg



One-to-many maximum output

100 kW



SPL210

- CATL high-security lithium iron phosphate battery 210kWh, 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 100kW.
- 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, C6F120 fire suppression system. AC/DC output, overvoltage & undervoltage protection.

Performance

CATEGORY	ITEM	VALUE
WEIGHT	Weight	2750 Kg
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	Touch screen or phone control
BATTERY	Type	Lithium Iron Phosphate (LFP)
	Capacity	210 kWh
	Battery cooling	Liquid cooling
DIMENSION	Length × width × height	2572 × 1500 × 1829 mm
	One-to-many maximum output	100 kW
OPERATION	Single-gun output current	16 A (230 V)、16 A (400 V)、32 A (400 V)、63 A (400 V)、125 A (400 V)
	AC input current	16 A (230 V)、16 A (400 V)、32 A (400 V)、63 A (400 V)
	AC output form	Three-Wire Five-System (with Neutral and Ground)
	Max. DC input	120 kW
	Protection Level	IP54
USAGE	Working temperature	-20~45 °C
	Storage temperature	-20~60 °C
	Working environment humidity	5-90 %
	Electrical isolation	AC output: non-isolated / AC input: isolated
	Fire suppression system	Integrated manual and automatic C6F120 fire suppression system

CODE/ICON DESCRIPTION

CRAWLER CRANE

H	Main boom
FJ	Fixed jib
LJ	Luffing jib
HJ	Mixed boom
D	Superlift mast
B	Superlift counterweight
ZHJ	Mixed power boom
FJh	Heavy-duty fixed jib

WHEEL CRANE

T	Telescopic boom
J	Fixed jib
E	Boom extension
H	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

SANY[®]

SANY GROUP CRANE BU

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The machine in the picture may include additional equipment. This brochure is for reference only, and goods in kind shall prevail.
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