Sunward Cranes
by Austrac Industries
Please call Austrac Industries on 08 9272 2829 or email info@austrac.com.au for further information.
Production Series Model Numbers

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Telescopic Boom Crawler Crane

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Telescopic boom crawler crane combines both advantages of a telescopic boom with crawler functionality.

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Features of SWTC

- Advantages over truck crane: high off-road performance, no need for outrigger support, capability of traveling at load, less operating space required, excellent maneuverability whilst maintaining small turning radius.

- SWTC also has the same advantages as truck cranes: telescopic boom, excellent maneuverability and no requirement for assembly or disassembly, saves time and minimizes the chance of injury.

- Advantage over a crawler crane with a truss boom? The telescopic boom is convenient, again no requirement for assembly or disassembly, ease of repositioning, less operating space required, less chance of work place accident.

- Advantages that are the same as a crawler crane with truss boom? Low ground pressure and small turning radius, all-weather outdoor operation, not restricted by space.

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Scope of SWTC’s Application

- For construction sites far away from hard surfaced roads, traditional cranes do not have the drive systems to meet the environmental requirements, especially for wetland areas in which low ground pressure is required.

- Lifting, loading & unloading whilst possibly traveling short distances is made extremely easy with our drive system. Lifting and moving of construction machinery, applications in petroleum, chemical engineering, mining, urban construction, water conservation projects and many other jobs are now very easy to complete.

- The SWTC’s are widely used in the construction of bridges, tunnels, factory areas, narrow construction sites, irregular road surfaces, wet land areas and much more.
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The advanced Japanese motor drive and reducer ensure excellent driving force ensuring that there is no loss of power. This is something we hear all too often from customers who chose alternative cranes.

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SWTC55

The actual design is in accordance with a 55 Ton crane, however the maximum lifting capacity can reach 70 Ton.
Main Technical Details – SWTC50

Automated counterweight assembly and disassembly provides more safety and efficiency.

The CAN-bus controls the electronic control system and components including torque limiter, sensor and limit switches etc. Using imported products with emphasis on safety.

Utilizing an outrigger telescopic caterpillar chassis, long center distance and track space maintains good stability during travel even with load at maximum lifting weight.

Five segment telescopic boom, truss type jib with good rigidity, light weight and strong bearing capacity.

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Constant power load sensing and proportional hydraulic control system, key components are imported to ensure extreme system stability and reliability.

Imported engine & variable pump, extreme power, excellent lifting performance and extended service life.

Totally enclosed luxury operator cabin with wide field of view ensures safety and comfort for long haul projects.

Precision control allows operator to move the heaviest loads inches in any direction.

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Main Technical Features of SWTC

Specialized crawler crane undercarriage with adjustable lengthening & widening design ability ensures that the operational stability and ground traction are maximized whilst excavator undercarriage is under load.

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Main Technical Features of SWTC

Sunwards clever design of the telescopic boom system allows traveling with load under many working conditions with less counter-weights but greater carrying capacity, greatly enhancing the strength and stability of the telescopic boom.

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Main Technical Features of SWTC

All maintenance points are within easy reach, which ensures that maintenance is carried out regularly. The ease of which this crane can be serviced is one of the biggest selling points we have against other manufacturers.

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Main Technical Features of SWTC

Pressed cover, spacious cabin and streamlined shape.

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Main Technical Features of SWTC

CAN-bus control of electronic control system with increased reliability and various safety devices installed such as operating mode switch, emergency button, torque limiter, hoisting with over-wind shut down, swing lock, swing travel warning lights, etc. This technology fully guarantees the safety and integrity of the job at hand.

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Main Technical Features of SWTC

Positive flow control system and constant load sensing system guarantees the safety and security of transitioning and travel with loads by using separate hydraulic circuits. This type of rare configuration meets the demands of the most serious user.
Jobsite Photos

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Rough Terrain Crane
SWRT550

Please call Austrac Industries on 08 9272 2829 or email info@austrac.com.au for further information.
Brief Introduction SWRT550

- Wide outrigger footprint, good stability, short wheelbase, small turning radius makes this machine suitable for working in narrow jobsites.

- 360°rotation and ability to travel with load without using the outriggers.

- Widely used on construction sites, open pits, warehouses, etc.
Highlights Of Machine SWRT550

- Machine has many patents for its advanced technology and high performance;

- Electro-hydraulic proportional control and imported key components;

- High strength boom in U shape, 5 sections at 42.5 meters in length;

- Intelligent operator controls offer the exact outriggers span and height with LCD screen for selecting the most accurate position;

- Travel with load and work with fully extended or semi-stretched outriggers;

- Four wheel steering and crab steering, short wheelbase, small turning radius, well suited for narrow jobsites;

- Remote fault diagnosis;

- It has been designed to ANSI certification, CE certification and full optioned for safety and ergonomic operation.

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Truss Type Crawler Crane

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Main Features

- Speed of single hoisting rope: 0~134m/min (First layer)

- Easily moves over rough ground with load. Safety ensured with four outrigger cylinders.

- 20° pitching up cab, large curved glass cabin with A/C

- Optimized structural design, low total weight of machine.

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Brief Introduction Of Working Conditions

Main Boom: 42〜72m
Fixed Jib: 12〜30m

Main Boom: 36〜57m
Tower Jib: 24〜51m

Main Boom: 18〜84m

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SWQUY160A
Main Boom Super Lift

Please call Austrac Industries on 08 9272 2829 or email info@austrac.com.au for further information.
Main Features of SWQUY160 and A Type

- Rexroth hydraulic system with electronic proportional control system
- CAN-bus control of electronic control system, with fault sensing self-diagnostic capability ensuring high reliability on the job
- Highest hoisting efficiency and fastest hoisting speed of single rope system in the industry (137m/min)
- Length of the main boom: 84 meters (83 meters from other suppliers)
- Finite Element Analysis or FEA is used to optimize the crane structure whilst allowing light weight parts to be used - (42 tons here, 45 tons from other suppliers)
- Tower jib with super lift (160A) 42m main boom, 16m auxiliary lift 72.3t (with the same load capacity of QUY260)
- Complete use of electronic and manual safety devices
- 20° pitching up of cabin.

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