

CRAWLER SPIDER CRANES

5-ton crawler spider crane

Model CS-ZZD5T

Technical Specifications & Product Selection

**24v 45AH**

Engine battery capacity

Length 4.7m Width 1.5m Height 2.25m

Vehicle size

Product code: CSC2026XX004

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Load radius, boom geometry and outrigger footprint

Rated capacity, load radius, boom length, lift height, winch/rope and outrigger spread describe separate conditions. Read the exact load chart and configuration; maximum capacity is not available at every radius or boom length.

Start with the complete specifications on page 3. Review the actual configuration and supported options, then compare the product with the intended application.



CORE PRODUCT DATA

Technical specifications

5-ton crawler spider crane / Model CS-ZZD5T

Specification	Product data
Model	CS-ZZD5T
Self-weight	6.7 T
Maximum operating radius	15 M
Maximum above ground lift	17 M
Hook Rising Speed	12m/min (4-rope) two-speed
Wire Rope Specifications	Φ11 mm*60m
Hoist specifications	4m x 5-section lifting arm (Support customization)
Boom length/time	4.5m-17m/54sec (adjustable)
Boom angle/time	0-78°/13sec
Rotation angle/speed	0-360°(continuous)/38sec
Forms of outrigger movement	Manual screw-out + cylinder support (two-section leg)
Maximum extension amplitude	5800 (length) X4900 (rear) X5600 (front)
Walking mode	Hydraulic drive (high and low speed)
Walking speed	0-2.5 km/h
Gradeability	25°(36%)
Engine Manufacturer	yuchai (Support customization) 58kw
Engine model number	490CC

CORE PRODUCT DATA

Specifications - continued

5-ton crawler spider crane / Model CS-ZZD5T

Specification	Product data
Engine start performance	-50°C-45°C
Engine fuel/Volume	Diesel oil/35L
Engine battery capacity	24v 45AH
Type of operation (boom/outrigger), manual traveling	Manual operation, manual travel (optional remote control)
Operational	Manual operation (remote operation optional)
Vehicle size	Length 4.7m Width 1.5m Height 2.25m
Track	300 (width) 52.5 (pitch) 90 (section)
Optional	Optional torque controller/remote control/cradle/hydraulic flying jib/colors: red, green, yellow, white, grey, black



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Structure & configuration

Component / configuration	Function / scope
Five-Section Telescopic Boom Assembly	The five-section telescopic boom provides adjustable reach for confined lifting work.
Boom Lift Cylinder Assembly	The boom lift cylinder raises and lowers the telescopic boom with controlled hydraulic movement.
Winch, Wire Rope and Hook Block Assembly	The winch, wire rope and hook block form the load-handling path for lifting operations.
Operator Seat and Manual Control Station	The operator seat and manual control station provide the confirmed onboard operating position.
Rotating Upper Body and Side Housings	The rotating upper body and side housings support continuous slewing and protect core equipment.
Four-Outrigger Support Assembly	Four outriggers extend into a broad grounded footprint to stabilize the crane during lifting.
Dual-Crawler Chassis Assembly	Dual crawler tracks support controlled movement across suitable jobsite surfaces.



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Application & product selection

Plant installation; Glazing and equipment placement; Confined-access lifting.

Selection input	Review together
Load and radius	Actual lifted mass, radius and height against the exact load chart.
Crane version	Specified boom, winch/rope, hook, slew and control configuration.
Site setup	Outrigger footprint, access, support conditions and machine envelope.

Ordered configuration

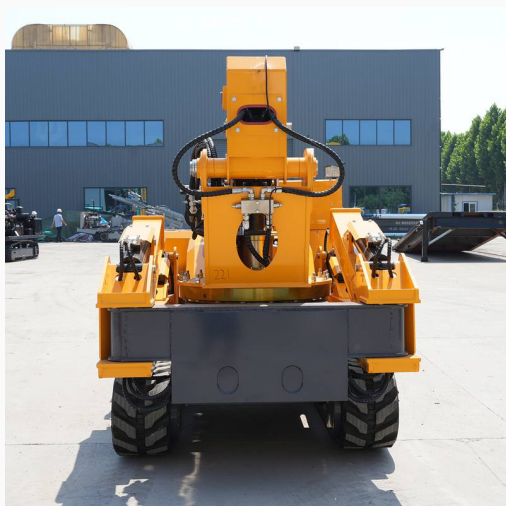
Retain the exact model, specification option and included accessory scope in the written order.
Application photographs illustrate context, not inclusion of adjacent items.



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Product views

Grouped views present the crawler chassis, boom and outrigger arrangement.



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Components & interfaces

Grouped detail views identify the fitted components and interfaces.



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Structural decomposition



Assembly relationships

The separated view identifies the principal product assemblies and their physical relationship; supplied scope follows the exact written configuration.