CRAWLER SPIDER CRANES

3-4 ton crawler spider crane

Model CS-ZZD3 4T

Technical Specifications & Product Selection

12V60AH
Engine battery capacity

4.25meters length,1meters width,and 1.83meters height
Vehicle size

Product code: CSC2026XX002

MANUAL 1

Contents

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

3-4 ton crawler spider crane / Model CS-ZZD3 4T

Specification	Product data
Model	CS-ZZD3 4T
Self-weight	3 T
Maximum operating radius	13 M
Maximum above ground lift	15 M
Hook Rising Speed	0-8m/min (4 ropes)
Wire Rope Specifications	Φ8 mm*45m
Hoist specifications	2.8m x 7-section lifting arm (Support customization)
Boom length/time	3.1m-15m/20sec (adjustable)
Boom angle/time	0-78°/13sec
Rotation angle/speed	0-360°(continuous)/60sec
Forms of outrigger movement	Manual screw out + hydraulic support (three-section legs retractable)
Maximum extension amplitude	4230 (length) X3830 (rear) X4310 (front) mm
Walking mode	hydraulic drive
Walking speed	0-2.5 km/h
Gradeability	25°(36%)
Electrical voltage	AC380 V
Engine Manufacturer	Changchai (Support customization)

CORE PRODUCT DATA

Specifications - continued

3-4 ton crawler spider crane / Model CS-ZZD3 4T

Specification	Product data
Engine model number	Changchai 380G three-cylinder 14.7kW
Engine start performance	-50°C-45°C
Engine fuel/Volume	Diesel oil/12L
Engine battery capacity	12V60AH
Engine Fuel consumption rate	274g/kW-h
Engine noise level	Rated speed ≤81.5dBA (1m)
Type of operation (boom/outrigger), manual traveling	Manual operation, manual travel (optional remote control)
Operational	Manual operation (Optional remote control)
Vehicle size	4.25meters length,1meters width,and 1.83meters height
Track	230 (width) 72 (pitch) 53 (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
Multi-Section Telescopic Boom	The confirmed telescopic boom extends the lifting line while retaining a compact folded profile.
Hook Block and Wire Rope	The hook block guides the visible wire rope and provides the confirmed load connection point.
Slewing Base and Boom Pivot	The rotating pivot supports boom elevation and continuous slewing around the crawler chassis.
Upper Deck and Control Assembly	The closed vented housing, single seat and manual controls remain grouped on the upper deck.
Four-Outrigger Assembly	Four articulated outriggers extend from the center frame and transfer lifting loads to ground pads.
Crawler Track Undercarriage	The twin rubber crawler base supports hydraulic travel and spreads machine weight over the ground.
Winch and Wire Rope Drum	The visible winch drum stores and pays out wire rope for controlled hook raising and lowering.

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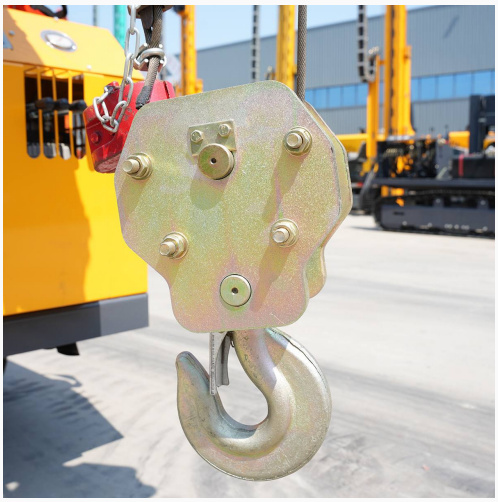
Application & product selection

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 identify the product form and its application setting.

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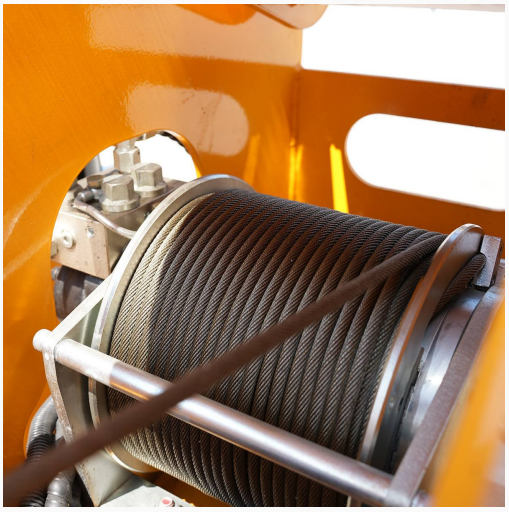
Components & interfaces

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.