

CRAWLER SPIDER CRANES

1.5-ton crawler spider crane

Model CS ZZD1.5T

Technical Specifications & Product Selection

**12V60AH**

Engine battery capacity

2.5meters length,0.65meters width,and 1.5meters height

Vehicle size

Product code: CSC2026XX001

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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

1.5-ton crawler spider crane / Model CS ZZD1.5T

Specification	Product data
Model	CS ZZD1.5T
Self-weight	1.7 T
Maximum operating radius	6 M
Maximum above ground lift	6.5 M
Hook Rising Speed	0-8m/min(4 ropes)
Wire Rope Specifications	Φ 8 mm*45m
Boom length/time	6.5m/20sec (Suppo
Boom angle/time	0-78°/13sec
Rotation angle/speed	0-360°(continuous)/60sec
Forms of outrigger movement	Manual screw-out + hydraulic automatic support (three-section legs retractable)
Maximum extension amplitude	3600 (long) X3400 (rear) X3400 (front)
Walking mode	hydraulic drive
Walking speed	0-2.5 km/h
Gradeability	25°(36%)
Electrical voltage	AC380 V
Engine Manufacturer	Honda (customizable/optional for other brands)
Engine model number	390CC

CORE PRODUCT DATA

Specifications - continued

1.5-ton crawler spider crane / Model CS ZZD1.5T

Specification	Product data
Engine start performance	-50°C-45°C
Engine fuel/Volume	Gasoline/8L
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 operation)
Operational	Manual operation (optional remote control operation)
Vehicle size	2.5meters length,0.65meters width,and 1.5meters height
Track	180 (width) 72 (pitch) 37 (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
Telescopic Boom Assembly	The verified yellow base and four dark telescopic sections provide adjustable lifting reach.
Reeving and Hook Assembly	The boom-head pulleys, wire rope, hook block and hook form the visible load connection path.
Boom Luffing Cylinder	The external hydraulic cylinder changes the boom angle through its confirmed pivot mountings.
Slewing Boom Pedestal	The rotating pedestal supports the boom base and transfers lifting forces to the carrier frame.
Four-Outrigger Support System	Four articulated legs and hydraulic supports create a broad footprint through grounded pads.
Crawler Chassis Assembly	The rubber-track chassis provides compact travel and carries the central upper mounting frame.
Power Enclosure and Controls	The closed yellow enclosure and visible control area support operation without exposing internals.



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Application & product selection

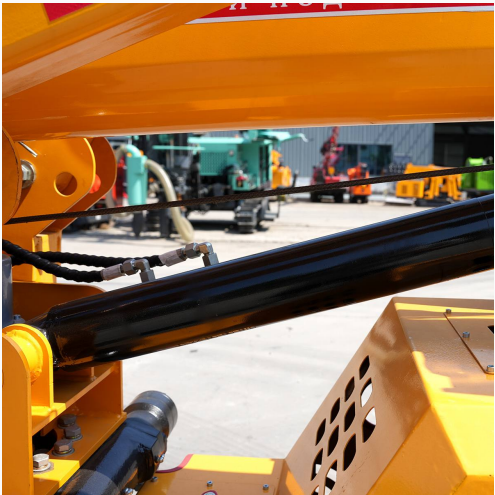


Plant installation; Glazing and equipment placement; Confined-access lifting.

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

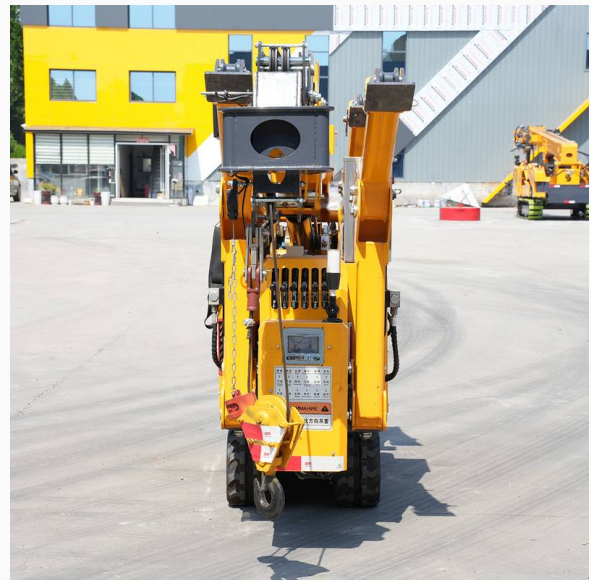
Retain the exact model, specification option and included accessory scope in the written order.
Application photographs illustrate context, not inclusion of adjacent items.



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Product views

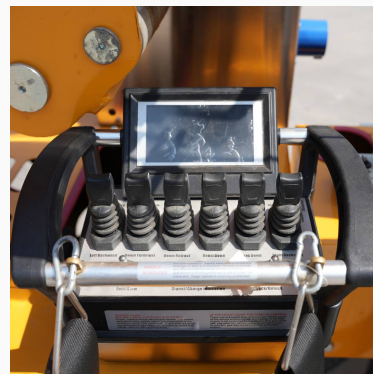
Grouped views identify the product form and its application setting.



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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.