CRAWLER SPIDER CRANES

8-ton crawler spider crane

Model CS-ZZD8-10T

Technical Specifications & Product Selection

24 V 45AH
Engine battery capacity

Length 5.9m Width 1.8m Height 2.3m
Vehicle size

Product code: CSC2026XX005

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

8-ton crawler spider crane / Model CS-ZZD8-10T

Specification	Product data
Model	CS-ZZD8-10T
Self-weight	10 T
Maximum operating radius	18 M
Maximum above ground lift	21 M
Hook Rising Speed	11m/min (4 ropes) double speed
Wire Rope Specifications	Φ12 mm x 100m
Hoist specifications	10T
Telescopic arm length	5.5m-21m
Boom length/time	12.3m/58sec (Support customization)
Boom angle/time	0-78°/15sec
Rotation angle/speed	0-360°(continuous)/40sec
Forms of outrigger movement	Manual screw out + hydraulic telescopic + hydraulic support
Maximum extension amplitude	6960 (length) x 5900 (rear) x 6620 (front)
Walking mode	Hydraulic drive
Walking speed	0-2.5 km/h
Gradeability	25°(36%)
Crawler structure	Steel track

CORE PRODUCT DATA

Specifications - continued

8-ton crawler spider crane / Model CS-ZZD8-10T

Specification	Product data
Engine Manufacturer	Yunnei (Support customization) 76kw
Engine model number	National Phase II
Engine start performance	Electric start
Engine fuel/Volume	Diesel oil/40L
Engine battery capacity	24 V 45AH
Type of operation (boom/outrigger), manual traveling	Manual operation, manual travel (optional remote control operation)
Operational	Manual operation (remote operation optional)
Vehicle size	Length 5.9m Width 1.8m Height 2.3m
Track	300 (width) 135 (pitch) 41 (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 yellow boom shell and black telescopic sections provide the verified adjustable lifting reach.
Wire Rope and Hook Block	The rope, multi-sheave block and hook create the visible load connection and reeving path.
Rotation and Luffing Base	The pivot frame, external cylinders and slewing base support boom elevation and rotation.
Operator Control Station	The side seat and manual lever console provide the confirmed onboard operating position.
Power and Control Housing	The vented yellow enclosure and gray panel protect the visible power and control equipment.
Four-Outrigger Assembly	Four articulated legs form the verified support footprint for grounded lifting operations.
Rubber Crawler Chassis	Twin rubber tracks and the central underframe carry the crane and support hydraulic travel.

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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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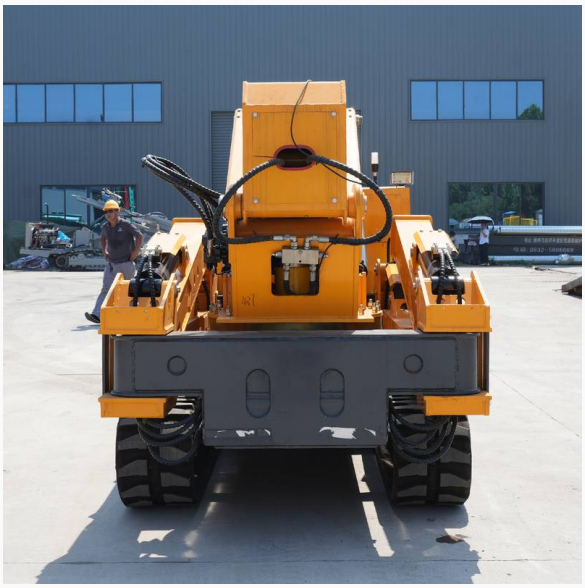
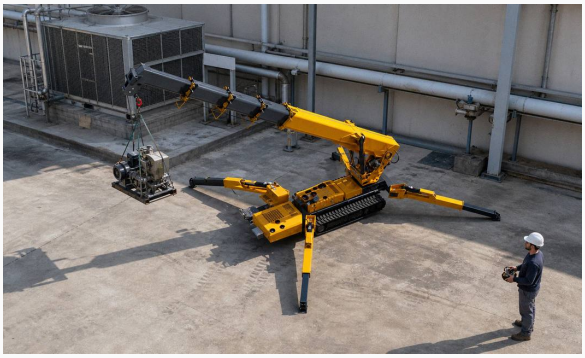
Product views

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.