

75-Ton Hydraulic Crawler Crane

The hydraulic crawler crane has a maximum lifting capacity of 75 tons and is designed for heavy-duty construction. Its crawler tracks provide excellent ground contact, ensuring stability and maneuverability on soft or uneven surfaces.



Overview

Product Introduction

Product characteristics shown as below

- Modular design for optimized performance and efficient maintenance by reconfiguring hydraulic and electric systems.
- High rated lifting capacity as well as improved maneuverability for the long jibs.
- High grade steel lattice boom and jib structures, through its improved and compact.
- Compact and highly maneuverable crawler track with flexible operation and excellent adaptability to the working environment.
- Equipped with advanced safety systems for safe and efficient work with full and advanced CE mark.
- Equipped with advanced control system with three-way control and optional low fuel consumption system.
- Full configuration and options to meet various market and project different requirements.
- Strong and optimized crawler track with excellent performance and safety for long time service.

Product Features

Technical Data

Item	Unit	Value
Max. lifting capacity	t	75
Max. boom length	m	58
Fly jib length	m	18
Max. combined length	m	46 + 18
Max. lifting torque	tm	280
Max. boom height	m	36
Max. boom height (with 45° boom)	m	36
Max. boom height (with 60° boom)	m	36
Max. boom height (with 75° boom)	m	36
Max. boom height (with 90° boom)	m	36
Max. boom height (with 105° boom)	m	36
Max. boom height (with 120° boom)	m	36
Max. boom height (with 135° boom)	m	36
Max. boom height (with 150° boom)	m	36
Max. boom height (with 165° boom)	m	36
Max. boom height (with 180° boom)	m	36
Max. boom height (with 195° boom)	m	36
Max. boom height (with 210° boom)	m	36
Max. boom height (with 225° boom)	m	36
Max. boom height (with 240° boom)	m	36
Max. boom height (with 255° boom)	m	36
Max. boom height (with 270° boom)	m	36
Max. boom height (with 285° boom)	m	36
Max. boom height (with 300° boom)	m	36
Max. boom height (with 315° boom)	m	36
Max. boom height (with 330° boom)	m	36
Max. boom height (with 345° boom)	m	36
Max. boom height (with 360° boom)	m	36

Technical overview of the crawler crane featuring modular design and performance specifications.

High-Performance Hydraulic Crawler Crane

This 75-ton hydraulic crawler crane is engineered for heavy-duty construction and industrial applications, offering exceptional stability and maneuverability on diverse terrains. It features a modular design for optimized performance and efficient maintenance, utilizing high-grade steel structures for durability. Advanced safety systems, including moment limiters and machine diagnostics, ensure reliable operation, while the ergonomic cab design enhances operator comfort and visibility.

Performance Metrics

Max Rated Lifting Capacity

75 t

Max Capacity

3.6 m

at Radius

Max Lifting Torque

280 tm

Boom Specifications

Boom Configuration

Component	Range
Main Boom Length	13-58 m
Fly Jib Length	9-18 m
Max Combined Length	46 + 18 m

Boom Derricking Angle

30-80 degrees

Operational Speed

Winch Rope Speeds

- Main winch hoist: 110 m/min (22mm rope)
- Auxiliary winch hoist: 110 m/min (22mm rope)
- Boom hoist: 60 m/min (18mm rope)

Swing and Travel Speed

3.1 r/min

Swing Speed

1.33 km/h

Travel Speed

Technical Details

Physical Specifications

Metric	Value
Crane Mass	70 t
Counterweight	24 t
Ground Bearing Pressure	0.085 MPa
Transport Dimensions	12990 x 3200 x 3225 mm

Engine Output

142 kW/2000 r/min (Export), 146 kW/1950 r/min (Domestic)

Features

Safety & Operational Features

Moment Limiter • Machine Diagnostics • Overload Protection • Emergency Stop • Optional Free Fall Function