

# Truck Mounted Concrete Boom Pump, 49m Reach

This truck mounted concrete boom pump has a maximum reach of 49 meters. It is designed for high-volume output and consistent performance on demanding construction projects.



## Product Overview



High-performance concrete pump designed for maneuverability and efficiency.

### Versatile 49m Concrete Boom Pump

This truck-mounted concrete boom pump is engineered for high-performance concrete placement on complex construction sites. It features a robust 49-meter multi-section boom, providing exceptional vertical reach and precise delivery capabilities. Designed with advanced hydraulic and electronic control systems, it ensures smooth operation, enhanced safety, and significant fuel efficiency. The pump is built for high-volume output, making it an ideal solution for high-rise buildings, bridges, and large-scale infrastructure projects.

## Key Performance Metrics

### Operational Capabilities

<b>49 m</b> Vertical Reach	<b>150 m<sup>3</sup>/h</b> Max Low-Pressure Output	<b>10.7 MPa</b> Max High-Pressure	<b>700 L</b> Hopper Capacity
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## Technical Specifications



Wear-resistant piping and alloy components for extended service life.

## Detailed Technical Data

Parameter	Value/Details
Horizontal Reach	44 m
Slewing Angle	±270 degrees
Distribution Valve	S Valve
Hydraulic Pressure	32 MPa
Concrete Cylinder	260mm x 1800mm
Delivery Line	DN125

## Key Technologies



Advanced hydraulic system with anti-vibration and pressure relief technologies.

## Advanced System Features

- Boom anti-vibration technology reducing vibration by 50%
- Self-adaptive energy-saving technology saving over 10% fuel
- Swing cylinder automatic pressure relief system
- One-button high/low pressure switching
- Intelligent self-diagnostic monitoring system

## Construction & Safety



Integrated intelligent monitoring and self-adaptive energy-saving controls.

### Operational Safety & Durability

Vehicle tilt sensor, Outrigger limit switch, Rotary encoder, Emergency stop mechanism, Double-layer wear-resistant elbows