

# Truck Mounted Concrete Boom Pump, 38m Reach

This truck-mounted concrete boom pump features a robust chassis for stability and a multi-section boom for extensive reach. The pump unit delivers high-volume output with consistent pressure, ensuring efficient concrete delivery.



## ADDITIONAL IMAGES



## Overview



The multi-section boom offers exceptional reach and maneuverability for complex project sites.

## High-Efficiency Concrete Placement

The TP38RZ5 is a robust truck-mounted concrete boom pump engineered for precision and reliability in diverse construction environments. With a 38-meter vertical reach, it is ideally suited for high-rise buildings, bridges, and infrastructure projects. The unit features advanced hydraulic systems and boom anti-vibration technology, ensuring both operator safety and high-quality concrete delivery through various site conditions.

## Performance Metrics

### Reach Capabilities

<b>38 m</b> Vertical Reach	<b>34 m</b> Horizontal Reach
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### Theoretical Output

Pressure Mode	Max Output	Max Pressure
Low Pressure	150 m <sup>3</sup> /h	5.9 MPa
High Pressure	85 m <sup>3</sup> /h	10.7 MPa

## Technical Specifications



Engineered with high-strength wear-resistant materials to extend component service life.

### Core Mechanical Data

- Distribution Valve: S Valve
- Concrete Cylinder Bore: 260 mm
- Concrete Cylinder Stroke: 1800 mm
- Delivery Line Diameter: DN125
- Hopper Capacity: 700 L
- Slewing Angle:  $\pm 270^\circ$

### Chassis & Mobility

- Axle Configuration: 6x4
- Engine Power: 297 kW
- Max Travel Speed: 90 km/h
- Wheelbase: 4800+1400 mm
- Total Weight: 29300 kg

## Advanced Features



Advanced hydraulic and boom stabilization technologies reduce vibration and ensure precision.

### Key Technology Highlights

Boom Anti-Vibration Technology, Self-Adaptive Energy Saving, Swing Cylinder Auto-Pressure Relief, One-Button Twin Piston Return, Fault Diagnosis Monitoring