

Truck Mounted Concrete Boom Pump

The truck-mounted concrete boom pump is a versatile solution for concrete placement on construction sites. Featuring a multi-section boom, it offers extended reach and maneuverability for precise concrete delivery.



Product Overview

TP58RZ6 Concrete Boom Pump

The TP58RZ6 is a high-performance truck-mounted boom pump engineered for efficient and precise concrete placement in large-scale construction projects. Featuring a robust 58-meter boom reach and a maximum theoretical output of 170 m³/h, this unit is designed to handle demanding high-rise building and infrastructure work. It incorporates advanced technologies such as boom anti-vibration systems and self-adaptive energy-saving controls to ensure high reliability, operator safety, and fuel efficiency on the job site.

Performance Metrics



The TP58RZ6 deployed for high-efficiency concrete placement.

Key Performance Metrics

57.5 m

Vertical Reach

170 m³/h

Max Theoretical Output

9.5 MPa

Max Pressure

Technical Specifications

Main Technical Specifications

Parameter	Value
Horizontal Reach	52.5 m
Concrete Cylinder (Bore x Stroke)	260 x 2200 mm
Hopper Capacity	700 L
Slewing Angle	±270 degrees
Delivery Line Diameter	DN125

Chassis & Mobility

Chassis Specifications

- Axle Configuration: 8x4
- Engine Power: 300 kW
- Max Travel Speed: 85 km/h
- Total Weight: 44,000 kg

Advanced Technologies



Advanced hydraulic features including anti-vibration technology and pressure relief systems.

Equipment Features

Boom Anti-Vibration Technology, Self-Adaptive Energy-Saving, Automatic Swing Cylinder Relief, Cylinder Locking Function, One-Button Twin Piston Return, High-Low Pressure Switching

Safety & Control



Intelligent control systems for monitoring and safety.

Safety Systems

- Vehicle Tilt Sensor
- Outrigger Limit Switch
- Rotary Encoder
- Self-Diagnostic Monitoring System
- Driving/Operation Logic Control