

Diesel Engine Concrete Pump

This mobile concrete pump is powered by a diesel engine. It is designed for efficient and reliable concrete placement in various construction applications, especially small to medium-sized projects.



Overview

High-Efficiency Diesel Concrete Pump

The HBT40R/1010S is a robust diesel-powered concrete pump designed for reliable performance in diverse construction environments. Featuring a powerful 70KW engine and an S-tube distribution valve, it delivers a maximum theoretical throughput of 40m³/h. This mobile unit is engineered for small to medium-sized projects requiring efficient concrete placement and high transport pressure.

Performance Metrics

Key Performance Indicators

40 m³/h

Max Throughput

10 Mpa

Max Pressure

70 KW

Engine Power

Engine & Power

Engine Specifications

Feature	Specification
Diesel Engine Model	QC4115G
Rated Power	70KW
Main Oil Pump	K3VG112

Technical Specifications

Pumping System Details

- Distribution Valve: S-tube (S-VALVE)
- Main Cylinder: $\text{Æ}110 * 1000\text{m}$
- Concrete Cylinder: $\text{Æ}160 * 1000\text{m}$
- Discharge Diameter: $\text{Æ}125\text{m}$

Physical Dimensions

Size and Capacity

Parameter	Value
Overall Dimensions	4320 x 1800 x 2000 mm
Total Machine Weight	3200 kg
Hopper Volume	0.4 m ³
Loading Height	1150 mm

Operational Modes

Theoretical Output Modes

Mode	Throughput	Pressure
High Volume	40 m ³ /h	6 Mpa
High Pressure	24 m ³ /h	10 Mpa