

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 |