

# Trailer Concrete Pump, 80 m<sup>3</sup>/h

This trailer-mounted concrete pump delivers concrete to construction sites through horizontal or vertical pipes. Its hydraulic system ensures reliable performance and high productivity.



## Overview

### High-Performance Trailer Concrete Pump

The HBT80S Trailer Concrete Pump is a robust solution designed to efficiently convey concrete to construction sites through horizontal or vertical piping systems. Engineered with an optimized hopper and S-pipe design, it ensures excellent suction performance and high material throughput. The reliable hydraulic system is built to maximize motor power, while comprehensive monitoring instruments allow operators to maintain real-time oversight of the system's performance.

## Performance Metrics

### Key Performance Indicators

**80 m<sup>3</sup>/h**

Max Capacity

**12.5 Mpa**

Max Pressure

**90 kW**

Motor Power

## Technical Specifications

### Detailed Technical Data

Parameter	Value
Theoretical Capacity (High/Low)	80 / 40 m <sup>3</sup> /h
Output Pressure (High/Low Speed)	5.7 / 12.5 Mpa
Distribution Valve Type	S-pipe valve
Cylinder Bore x Travel	∅200x 1600 mm
Hopper Volume	800 L
Max Aggregate Diameter (Scree/Stone)	50 / 40 mm

## Power & Hydraulics

### Power and Electrical

- Motor Model: Y280M-4
- Power: 90 kW
- Rated Voltage: 380 V
- Rated Speed: 1480 r/min

### Hydraulic System Settings

- System Type: Open-type oil route
- Pumping System Pressure: 32 Mpa
- Distribution System Pressure: 21 Mpa
- Mixing System Pressure: 14 Mpa
- Cooling Method: Water cooling

## Physical Dimensions

### Size and Weight

- Overall Dimensions: 6000 x 2100 x 2250 mm
- Weight: 6300 kg
- Feeding Height: 1400 mm
- Discharging Orifice Diameter: 1180mm

## Features

### System Capabilities

Real-time monitoring, Optimized S-pipe, High-pressure output, Water-cooled system