

Truck Mounted Concrete Sprayer

The truck mounted concrete sprayer is electrically operated and built into the engineering chassis. It has a maximum boom reach of 15.8 m and a theoretical capacity of 30 m³/h.



ADDITIONAL IMAGES



Overview

High-Performance Concrete Sprayer

This truck-mounted concrete sprayer is engineered for high-efficiency shotcrete application in demanding environments like tunnel construction and slope stabilization. It features a powerful 75kW diesel engine, a robust 4WD chassis for site mobility, and a versatile robotic arm with 360-degree nozzle rotation. Designed for precision, the unit includes wireless remote control operation and a high-capacity additive system to ensure consistent, reliable performance on every project.

Performance Metrics

Key Performance Metrics

30 m³/h

Max Output

15.8 m

Spray Height

25 m

Spray Width

24 Mpa

Working Pressure

Chassis & Mobility

Chassis Specifications

Parameter	Value
Gross Weight	16700 kg
Wheelbase	3900 mm
Drive Mode	4WD
Max Speed	20 km/h
Max Slope	20 °
Min Ground Clearance	300 mm

Operating System

Robotic Arm Range

- Working arm pitch angle: 0-70°
- Small arm pitch angle: 0-110°
- Small arm extension: 4600 mm
- Working arm rotation: 270°
- Nozzle rotation: 360°

Engine & Power

Engine Details

YuChai YCD4J23T8-100A (74 kW)

Total Power

75 kW

Pump System

Pump System Specs

- Max conversions: 24 times/min
- Outlet pressure: d7.5 Mpa
- Cylinder diameter/stroke: !160×1000mm
- Concrete pipe diameter: !125-!90mm
- Nozzle diameter: !50mm

Additive System

Additive System

- Max additive output: 500 L/h
- Additive working pressure: 0.8 Mpa
- Accelerator Tank Capacity: 1000 L
- Accelerator Model: BALFLEX20

Operation

Control Mode

Wireless Remote Control