

Truck-Mounted Concrete Spraying Machine

This truck-mounted shotcrete sprayer is engineered for concrete spraying in demanding construction and mining environments. It enhances worker conditions, improves efficiency, reduces concrete consumption, and guarantees construction quality with its dual power system.



Overview

High-Efficiency Concrete Spraying

This truck-mounted concrete spraying machine is engineered for high-performance shotcrete applications in construction and tunneling. It features a robust robotic boom system for precise coverage and a high-capacity pumping unit capable of delivering 30m³/h. Designed for demanding environments, it combines 4-wheel drive mobility with sophisticated hydraulic controls to ensure stability and efficiency in confined spaces.

Performance Metrics

Key Performance Indicators

30 m³/h

Concrete Output

16.8 m

Spraying Height

15 km/h

Max Traveling Speed

360 °

Boom Rotation

Boom Specifications

Boom Reach and Movement

| Parameter | Range |
|-----------------|-------|
| Spraying Height | 16.8m |
| Spraying Width | 2x15m |
| Boom Rotation | 360° |
| Nozzle Rotation | 360° |

Technical Specs

Power System

- Electric Motor: 55KW
- Diesel Engine: 92KW
- Air Compressor Power: 75KW

Operating Weight

17000 kg

Chassis and Mobility

Drive System

4-Wheel Drive, 4-Wheel Steering

Maximum Gradient

30 °

Pumping System

Concrete Output Pressure

7.5 Mpa