Diesel Engine Concrete Drag Pump, 80 m3/h

This diesel engine concrete drag pump has a maximum theoretical output of 80 cubic meters per hour and a maximum transmission pressure of 13 MPa. Its stepless adjusting emissions meet various conditions demand.

Overview

High-Performance Diesel Concrete Drag Pump

This diesel-powered concrete drag pump is engineered for high-efficiency concrete placement in demanding environments like high-rise buildings, bridges, and tunnels. Featuring a maximum theoretical output of 80 m³/h and a robust 165 kW engine, it delivers reliable performance across long distances. The system integrates advanced energy-saving technology and intelligent controls to ensure operational stability while reducing fuel consumption by over 20%.

Performance Metrics

Key Performance Indicators

80 m³/h	13 MPa	165 kW
Max Theoretical Output	Max Pumping Pressure	Engine Power

Technical Features

Energy Saving

Global Power Adaptive Tech • 20% Energy Reduction

Intelligent Control	Equipped with specialized intelligent control systems (SYMC and SYLD) for enhanced reliability and fault diagnostics.

Hydraulic System

Hydraulic System Characteristics

- Full hydraulic reversing type system
- High oil cleanliness and low operating temperature
- Low impulsion design for smoother operation
- No hydraulic pressure oil leak during switch operation

Maintenance & Operation

Ease of Maintenance

- Concrete piston automatically returns for convenient replacement
- High and low pressure switch patent technology for fast de-blocking
- Dynamic display of color graphic operation parameters
- Multiple automatic protection settings

Applications	
Target Applications	High-rise Buildings, Bridges, Tunnels, Infrastructure