

Hydraulic Cylinder for Waste Management Equipment

This hydraulic cylinder is designed for use in waste shipment equipment. It offers energy saving and efficiency improvement, advanced technology, and flexible operation.



Product Overview

High-Efficiency Waste Compression System

This integrated hydraulic system combines advanced compression and launch devices with precise mechanical and electrical controls. Designed for space-saving efficiency, it improves garbage density by approximately four times while increasing transport efficiency by over 50%. The solution significantly reduces secondary pollution during transit, lowers power consumption, and extends the operational lifespan of landfill sites.

Performance Metrics

Operational Efficiency

4 multiplier

Density Improvement

50 %

Transport Efficiency Gain

Technical Features

Key Capabilities

- Integrated hydraulic pressure station
- Advanced control system (Mechanical, Electrical, Hydraulic)
- Compact design for space efficiency
- Corrosion-resistant finish for high visibility and durability
- Compatible with standard hydraulic systems for easy integration

Ideal Use Cases

Waste Compactors, Loaders, Environmental Sanitation Stations, Waste Transfer Facilities, Container Shipment Systems