

EXCAVATOR HYDRAULIC CYLINDER

Heavy-Duty Hydraulic Actuator for Excavators & Construction Machinery

Product Specification	Details
Product Type	Excavator Hydraulic Cylinder
Cylinder Type	Double-Acting, Welded
Material	High-Strength Alloy Steel
Rod Finish	Hard Chrome-Plated
Cylinder Finish	Polished Finish with Corrosion-Resistant Paint
Pressure Testing	Tested at 1.5× Working Pressure
Service Life	Exceeding 1 Million Cycles (application dependent)
Capacity	Customizable as per Excavator Model
Weight	Variable as per Model and Dimensions
Applications	Excavators, Construction, Mining & Roadworks
Customization	Bore, Stroke, Mounting and Capacity as Required

Product Overview

Our Excavator Hydraulic Cylinder is engineered for demanding construction and heavy-machinery applications. Manufactured from high-strength alloy steel, it combines a robust welded construction with a hard chrome-plated rod and polished finish. Corrosion-resistant paint provides additional protection against environmental exposure. The double-acting design supports controlled hydraulic movement, while model-specific dimensions and capacities allow customization for different excavators.

Applications & Versatility

Excavator cylinders are essential hydraulic actuators used to operate major machine functions such as boom, arm and bucket movement. They are widely applicable in excavation sites, road construction, mining, infrastructure development and other earth-moving operations. Custom bore sizes, strokes, mounting arrangements and capacities can be specified to match particular equipment requirements.

Performance & Quality Features

- High-strength alloy steel construction
- Double-acting welded cylinder design
- Hard chrome-plated hydraulic rod
- Polished surface finish
- Corrosion-resistant external coating
- Hydraulic pressure testing at 1.5× working pressure
- Model-specific capacity and dimensions
- Designed for demanding construction and earth-moving applications

FOB, Sampling & Payment Terms

Excavator Hydraulic Cylinders can be dispatched from Indian FOB ports for international orders. A sample policy may be available for product evaluation before larger orders, subject to commercial terms. International payment options can include bank transfers and letters of credit. Shipping and order processing are coordinated according to the agreed purchase and delivery terms.

Frequently Asked Questions

Q: How can I determine the correct cylinder size for my excavator?

A: Consult the excavator manufacturer's specifications or provide the excavator model, required bore, stroke, mounting dimensions and application details to the supplier for proper selection.

Q: What is the process for ordering a custom-sized Excavator Cylinder?

A: Share the required dimensions, excavator model and application details with the supplier. The technical team can review the requirements and provide the applicable configuration and quotation.

Q: Where are these Excavator Cylinders primarily used?

A: They are primarily used in excavators and other heavy construction equipment, as well as mining, road construction and earth-moving machinery.

Q: What benefits does the corrosion-resistant paint provide?

A: It helps protect the external cylinder surface from rust and environmental exposure, supporting longer service life when the cylinder is operated and maintained correctly.

Q: How are the cylinders tested before delivery?

A: The supplied specification states that each cylinder is hydraulically pressure-tested at 1.5 times the working pressure before dispatch.

Q: What are the payment options available for international buyers?

A: International transactions can support bank transfers and letters of credit, subject to the supplier's commercial terms and agreed order conditions.

Important Note: Hydraulic cylinders are high-pressure components. Always verify bore, stroke, mounting dimensions, pressure rating and machine compatibility before installation. Follow the excavator manufacturer's service instructions and applicable hydraulic safety practices.