

COMPANY PROFILE





About Us.

Allied Engineering Associates, Bhopal is a trusted name in hydraulic solutions, specializing in the manufacturing, repairing, and overhauling of hydraulic cylinders, while also providing their spares for construction, earthmoving, and heavy engineering equipment. With strong field experience, we deliver reliable, durable, and performance-oriented hydraulic components.

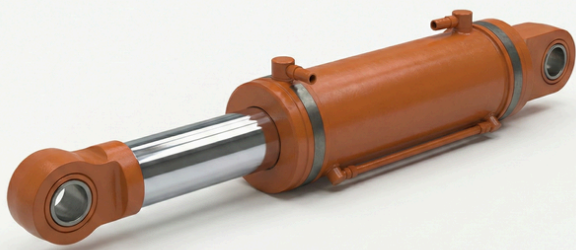
Our hydraulic cylinders are designed to deliver high performance, long service life, and smooth operation under demanding working conditions. These cylinders are suitable for various backhoe loaders, excavators, etc., used in construction, mining, and infrastructure projects.

SERVICES OFFERED

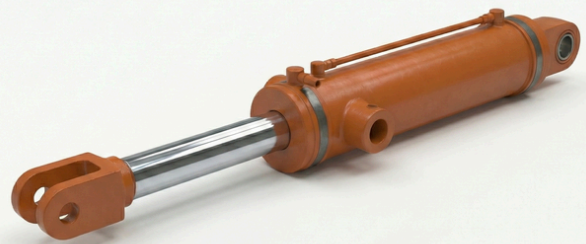
- ◆ New Hydraulic Cylinder Manufacturing
- ◆ Hydraulic Cylinder Repairing & Reconditioning
- ◆ Seal Kit Replacement
- ◆ Rod Re-chroming & Honing
- ◆ Pressure Testing & Performance Check
- ◆ Supply of Hydraulic Cylinder Spare Parts

Types of Hydraulic Cylinders

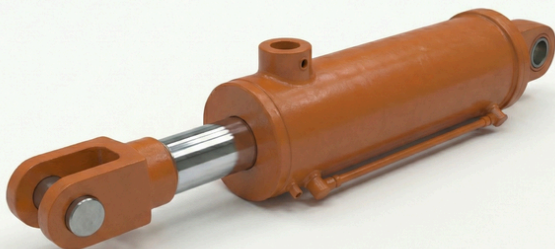
Our hydraulic cylinders are used in backhoe loaders, excavators, earthmoving equipment, and construction & infrastructure machinery. We manufacture double-acting and single-acting cylinders with operating pressures up to 350 bar. Bore diameter and stroke length are provided as per OEM requirements and machine models, with hard chrome plated rods for durability and smooth performance. Mounting options include clevis, eye end, and trunnion, along with high-quality PU, NBR, and PTFE sealing systems.



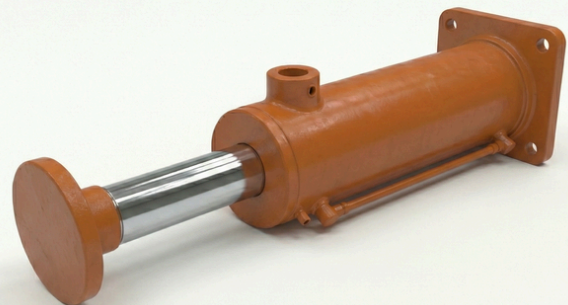
BOOM CYLINDER



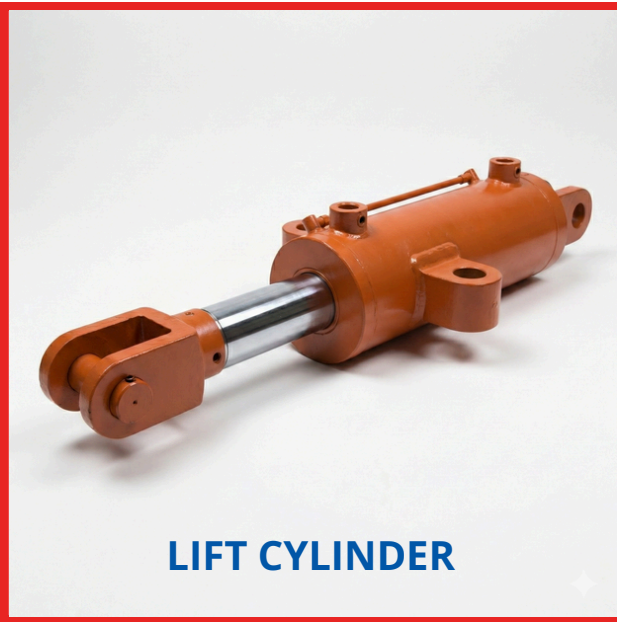
ARM (DIPPER) CYLINDER



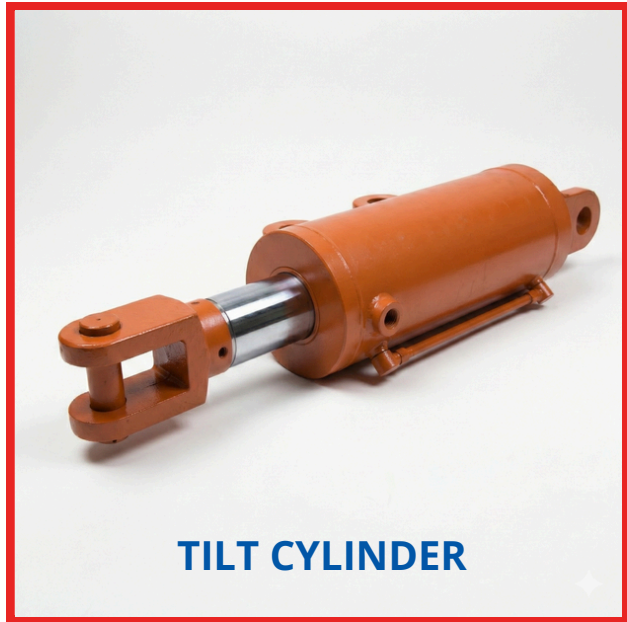
BUCKET CYLINDER



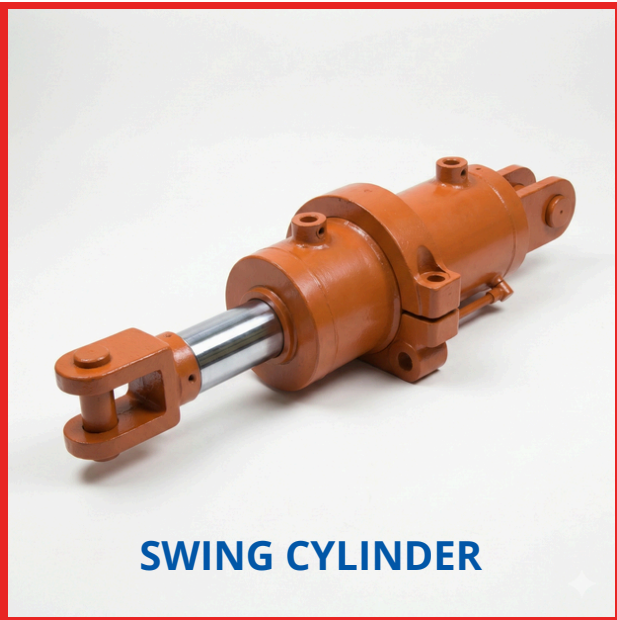
STABILIZER CYLINDER



LIFT CYLINDER



TILT CYLINDER



SWING CYLINDER



STEERING CYLINDER

Manufactured using high-grade honed seamless tubes, precision-machined pistons, and hard chrome plated piston rods, our cylinders ensure strength and long service life. Wear-resistant seal kits (R&D make and other reputed brands) and corrosion-protected finishes further enhance reliability. Compatible with major brands such as JCB, L&T, CAT 424, Mahindra Earthmaster, Tata Hitachi, Case, Volvo, and Komatsu, we also offer custom designs as per drawing or sample.

Quality Assurance & Key Benefits

- ◆ 100% Pressure Tested Before Dispatch
- ◆ Strict Dimensional And Stage-Wise Quality Checks
- ◆ Long Life & Leak-Proof Performance
- ◆ High Load Capacity With Reduced Downtime

Trusted By Industry Leaders



ORDERING & TECHNICAL ASSISTANCE

To place an order or request technical assistance, please share the following details:

- ◆ Machine Make & Model
- ◆ Cylinder Application (Boom / Arm / Bucket / Stabilizer / Lift / Tilt / Swing / Steering)
- ◆ Bore, Rod & Stroke Details (if available)
- ◆ Sample or Drawing (Preferred)

Driven by Quality. Defined by Performance.

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