

# Gmmco Hydraulic Repair Centre



**Gmmco**Assist

☎ 1800 425 2546

Visit: [www.gmmco.in](http://www.gmmco.in)





**D&A BENCH**

<https://www.gimmco.in/repair-centers.php>

## ALWAYS COMMITTED TO SERVICE- GMMCO

---

Gmmco has an extensive product range and support services that cater to the needs of infrastructure, construction, mining, power and oil & gas industries. Our product portfolio offers the whole gamut of machinery and equipment with unmatched commitment to deliver superior customer satisfaction by providing an end-to-end solution that includes best in class after-market support and services delivery.

We are proud to be the one-stop solution for all your equipment needs abide by our

promise to deliver the best experience in new product sale, used and rental options, buyback, trade-in and product support. This customer-centric approach has made Gmmco a priority dealer for Caterpillar today. Our strength is a vast service network of 120+ locations, 1500+ well-trained service engineers & technicians and the best-in-class workshops and warehouses. We are always there for you, round-the-clock to help keep your business running optimally at all times.

## MEETING ALL YOUR REPAIR NEEDS- HYDRAULIC CYLINDER REBUILD SHOP

---

When it comes to cylinder repairs, GMMCO is your one-stop destination. Our Component Rebuild Centre at Nagpur has state-of-the-art facility offering a full-service Hydraulic Cylinder Rebuild shop. The shop specialises in the repair and manufacture of all Caterpillar and Non-CAT hydraulic

cylinders including underground mining hydraulic cylinders.

The hydraulic shop also manufactures custom hydraulic cylinders for all types of equipment. It also retrofits older or obsolete machines with updated hydraulic components

<https://www.gmmco.in/repair-centers.php>



# KEY DRIVERS FOR GMMCO REPAIR CENTRE

---

**Exceptional Quality control** - We follow the ISO 9001 quality process for repair of cylinders. All repaired cylinders are tested in Hydraulic test bench for leak and load test.

**Fast turnaround times**-We follow a standard repair process while maintaining necessary inventory of components required for minimizing repair time.

**Expert advice**- We have a well trained and experienced staff of engineers and technicians who guide customer for their various repair solutions.



**HONING MACHINE**

<https://www.gmmco.in/repair-centers.php>



## COMPETITIVE EDGE FROM EXPERIENCE COMBINED WITH KNOWLEDGE

We work with government agencies of all sizes, in various industries and understand that keeping costs in line and cycle times on schedule is an important priority. To help you succeed, we've invested heavily in our hydraulic repair capabilities. Our state-of-the-art facility has the capacity to perform full-scale repairs including system troubleshooting, cylinder honing, grinding, machining, and pressure testing which are integral parts of our hydraulic repair service. The facility has all the equipment and highly trained manpower to repair cylinders quickly and at a fair price performing following tasks.

- Cylinder resealing using quality OEM replacement parts
- Cylinder honing to extend component life by removing scratches and restoring the original crosshatch pattern
- Retubing damaged cylinders, keeping salvageable components and saving you considerably compared to the replacement cost
- Precision straightening of bent rods
- Reboring worn cylinder rods and eyes back to the Caterpillar specifications
- Manufacturing and repair of Piston/ Piston rods / Cylinder barrels / Head & Glands
- Front and Rear Strut overhaul and repair
- Hard Chrome Plating





**GRINDING MACHINE**

## SPECIALISED TOOLING PROCESSES

---

**Disassembly and Assembly bench-**The Hydraulic Cylinder Repair Bench is the complete, all-in-one solution for servicing standard and multi-stage hydraulic cylinder, large and small. It includes the Torquing Device with maximum rotational torque of 4000 Kg.m for easy removal and reinstallation of toughest piston assembly.

**Honing Machine-**An automatic honing machine is capable of reconditioning cylinders Up to 3000 mm in length and 60 – 305 mm in bore.

**Grinding Machine-**With bed capacity 360 x 3000 mm and load carrying capacity of 2.5T,

the machine can hold shaft of diameter 500 mm. Accuracy of machine is 1 micron.

**Lathe Machine** - Lathe Machine up to 1000 mm in diameter, ABC 5000 mm and Load carrying Capacity 2.5 T in Weight.

**Cylinder wash facility-** Removes harmful contaminants.

**Testing - Hydraulic Load Test Rig** is capable of complete testing of Hydraulic Cylinder up to 400 Bar

**Welding-**With MIG & Stick certified technicians, we can perform complex welding jobs with ease.

## CYLINDER TESTING

---

All cylinders that Gmmco rebuilds are performance tested as per the Caterpillar guidelines to ensure reliability and longevity. The rebuild cylinders are pressure tested on the pump and motor test bench, allowing the simulation of machine or system.

Cylinder can be pressure tested and Load tested to 100 % (up to the range of 750 tons with a maximum of **400 Bar** Pressure) which ensure quality repair and guarantee leak proof performance.



**CYLINDER TEST BENCH**

<https://www.gmmco.in/repair-centers.php>

# WE UNDERSTAND YOU AND YOUR NEEDS

---

At Gmmco, we're guided by a relentless drive to help our customers become more productive and achieve higher levels of profitability by engineering the best systems for their requirements. Whether it's an extensive rebuild or minor repair, Gmmco has the hydraulic solution that suits your needs.

There are quite a few parts in a hydraulic cylinder that can fail: the barrel, the piston rod, the piston, the cylinder head, the cylinder gland, and various seals and bearings. If any one of these parts is damaged even a seal, the entire cylinder may become inoperable reducing efficiency and increasing machine

downtime which ultimately affect production. In such cases, only the damaged parts need to be replaced and in some cases only resealing is required.

Most cylinder damage can be repaired by skilled professionals and can be restored to the functional performance of a new cylinder at reduced lead time and lower repair cost compared to buying a new cylinder.

## Benefits of Repairing a Hydraulic Cylinder

- Lower repair costs compared to cost of new cylinder.
- Lesser lead time.
- Reduced machine downtime.
- Reduced operating costs.









**GMMCO LIMITED**

COMPONENT REBUILD CENTER  
G-15, Central Hingna Road, MIDC,  
NAGPUR – 440028

Ph: (07104) 305529 / 305530

Web: [www.gmmco.in](http://www.gmmco.in)

Enquire : <https://www.gmmco.in/repair-centers.php#Enquiry>

**GmmcoAssist**

 **1800 425 2546**

