



# COMPRESSED AIR

THE WAY YOU USE IT

Multi brand Centrifugal Compressor Spare Parts,  
Services & Overhaul — All in One Place

# MADHURA COMPRESSORS PVT. LTD.

MCPL, founded in 1999 by the visionary Mr. Babu Kadam, stands as a symbol of excellence in Centrifugal compressor services.

With over 35 years of unmatched expertise, Mr. Kadam transformed his deep OEM knowledge into a trusted industry legacy.

Under his leadership, MCPL has become a pioneer in centrifugal compressor services, covering many compressor brands.

The company's strength lies in its dedicated team of 25+ professionals, driven by technology, precision, and passion.

MCPL's global reach and customer-first approach have earned it unwavering trust in both domestic and international markets.

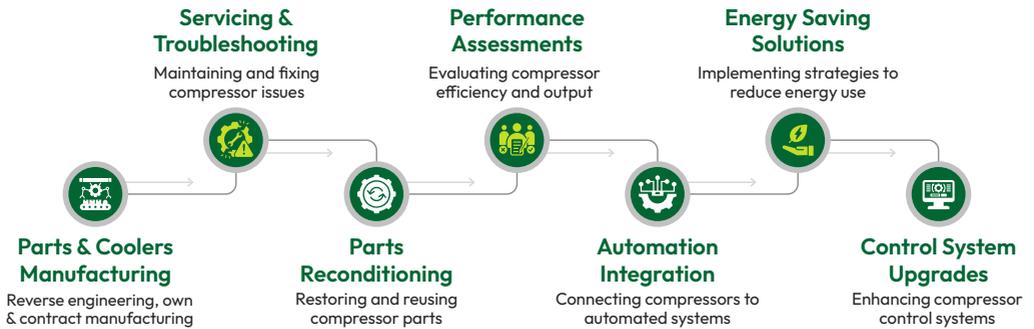
Renowned for preventive maintenance, overhauls, and advanced engineering solutions, MCPL ensures reliability and efficiency for its clients.

Mr. Kadam's vision continues to guide MCPL toward innovation, growth, and global leadership in compressor services.

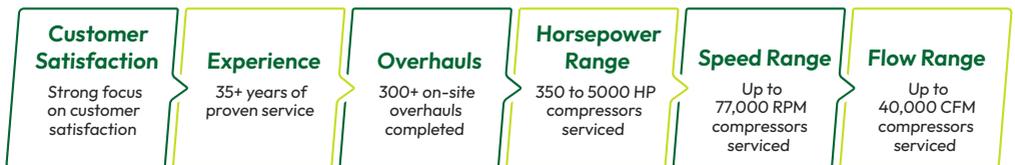
Today, MCPL is celebrated as a leading name in India's corporate sector, built on integrity, expertise, and excellence.



## CORE COMPETENCIES



## COMPREHENSIVE COMPRESSOR SERVICE EXPERTISE



# AFTERMARKET EQUIVALENT TO OEM – HIGH-QUALITY SPARE PARTS

## ➤ Rotor Assemblies

- Impellers • Diffusers • Gear & Pinions • Bull Gear



## ➤ Intercoolers & after Coolers

Cartridge Type Coolers



External Coolers



## ➤ Vibration Monitoring System

- Probes • Transmitters • Cables (All Stages)



## ➤ Control & Actuation

- IGV (Inlet Guide Vanes) • BOV (Blow-Off Valve) • Diaphragms • Positioners
- Regulators with Gauges



## ➤ Air & Oil System Components

- Main Oil Pump (MOP)
- POP Pump
- Couplings with Spiders (MOP & POP)
- PRV (Pressure Relief Valve)
- TVC (Temperature Control Valve)
- V-Notch Valve
- Fittings
- Duplex Filter
- Primary Filter
- Secondary Filter
- Oil Condenser
- Oil Sump Filter
- Oil Heater



## ➤ Bearings & Seals

- Thrust Bearings • Plain Bearings • Oil Seals • Air Seals



## ➤ Additional Items

- Main Coupling with Bolts
- Diffusers with Bolts (All Stages)
- FRL Unit (System Pressure Line)
- NRV (Air Discharge Line)
- Hoses
- O-Ring Set
- Gasket Set
- Cooler Drain Line Fittings
- Air Vent Valves (Air & Oil Coolers)

## ➤ Electrical & Control Panel

- Controller (BCM) • Display Panel



## ► Instrumentation

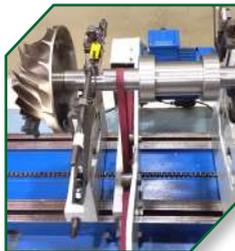
- RTD • Pressure Transmitters • Air Pressure Transmitters (0–10 kg/cm<sup>2</sup>) • DP Gauge • Manometer
- Seal Air Regulator & Gauge

## ► Compressor Maintenance Kits

- Bearing kit stage 1, 2 & 3
- Drive shaft seal kit
- Drive shaft bearing kit
- Intercooler kit
- Oil cooler kit
- Cooler cleaning kit
- A-maintenance kit
- B-maintenance kit
- C-maintenance kit
- Float valve kit for intercooler or aftercooler
- Service kit for check valve
- Main oil pump kit
- Oil demistor service kit
- Air filter kit
- Air/oil filter kit
- Impeller inspection kit (stage 1, 2 and 3)
- Gearbox inspection kit
- Air seal kit

## ► Overhauling Capabilities

- In House Dynamic balancing of Rotor Assembly
- Air End Repairs
- Complete Air End Overhaul
- Balancing and Salvaging Services
- Impeller and Diffuser Repairs
- Bearing and Seal Replacement
- Rotor Inspection and Reconditioning
- Gearbox Overhaul
- Clearance Checking and Re-shimming
- Casing Repair and Refurbishment



## ➤ Service Capabilities

- Scheduled Maintenance
- Preventive Maintenance
- Breakdown Maintenance
- Predictive Maintenance
- Vibration Analysis
- Condition Monitoring
- On Site Overhauling
- Break Down Call Visit for Trouble Shooting
- Annual Maintenance Contract



## TECHNICAL TRAINING FOR CENTRIFUGAL COMPRESSOR ON SITE & OFFSITE AT OUR OWN GLOBEL TRAINING CENTRE



# MANUFACTURING AND REVERSE ENGINEERING CAPABILITIES

## ➤ Manufacturing High-Performance Plate & Fin Type Heat Exchangers for Centrifugal Compressors

### MCPL specializes in the design and manufacturing of Extended Surface Area Plate & Fin Heat Exchangers tailored for

#### Intercoolers

#### Aftercoolers

#### Oil Coolers

#### ➤ High-strength Construction

Built using carbon steel or stainless-steel tube sheets and shells for durability and long service life.

#### ➤ Precision Engineering

CNC-machined baffle plates and tube sheets ensure optimal flow dynamics and thermal efficiency.

#### ➤ Premium Tubing Materials

We use only virgin tubes in Copper, Cupro Nickel, Admiralty, and Stainless Steel for superior thermal performance and corrosion resistance.

#### ➤ Robust Hardware

Equipped with heavy-duty mounting brackets, flanges, and hardware to withstand demanding industrial environments.

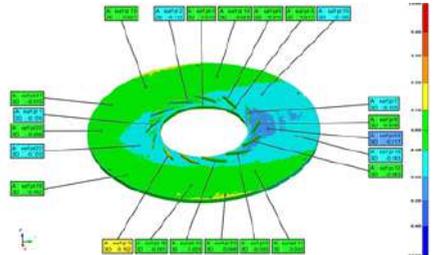
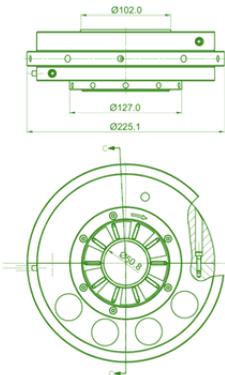


## ➤ Reverse Engineering & Manufacturing of Aero Parts

### MCPL Capabilities

MCPL offers comprehensive reverse engineering solutions supported by advanced 3D modeling, material testing, and on-site drawing and design capabilities.

Leveraging state-of-the-art 5-Axis CNC machining, MCPL specializes in precision aero components such as diffusers, impellers, and seals.





**MCPL PROUDLY SERVES TO INDIA'S TOP CORPORATE, PUBLIC SECTOR, DEFENSE AND OVERSEAS COMPANIES.**


## CONTACT WITH US

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