



# PHOENIX ENGINEERING INDUSTRIES

Precision Engineering,  
Powered by Innovation



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# ABOUT US



At **Phoenix Engineering Industries**, we combine **cutting-edge technology**, **skilled craftsmanship**, and an **unwavering commitment to quality** to deliver world-class engineering solutions.

Established in 2018, Phoenix Engineering Industries has rapidly grown into a trusted name in **transformer fabrication**, **laser cutting**, **CNC bending**, and **precision metal engineering**, serving diverse industries across India and international markets.



## OUR CORE VALUES



Standard  
Quality



Professional  
Team



Standard  
Machinery



Customer  
Satisfaction

## OUR MACHINERY



Fiber Laser Cutting Machine



ARC / MIG Welding Machines



H-Type Hydraulic Press



CO<sub>2</sub> Laser Cutting Machine



CNC Bending Machine



Power Press

# OUR SERVICES



**Capacity Range:** 100 KVA to 100 MVA

**Components Manufactured:**

- Core clamping structures
- Transformer tank bodies & conservators
- Cable boxes

**Standards & Testing:**

- BIS & IEC compliance
- Routine dielectric & pressure testing

## Transformer Fabrication



**Technology:** TRUMPF CO<sub>2</sub> & Fiber Laser

**Accuracy:** ±0.1 mm

**Material Max Thickness:**

Mild Steel: 25 mm

Stainless Steel: 25 mm

Aluminum: 20 mm

Brass / Copper: 8 mm

## Laser Cutting Services



**Capabilities:**

- ✓ 2D Drafting & 3D Modeling
- ✓ Design for Manufacturing (DFM)
- ✓ Reverse Engineering
- ✓ GD&T-compliant drawings

**Software Expertise:**

AutoCAD | SolidWorks | Sheet Metal Design Modules

**Applications:**

- Custom component design
- Fabrication drawing conversion
- Assembly & production planning

## AutoCAD Design & Engineering Services

# OUR SERVICES



**Equipment:** 150-Ton Hydraulic Press Brake

- Maximum bending length: 3200 mm
- Angle accuracy:  $\pm 0.5^\circ$
- Complex profiles: Box bends, U-channels, custom shapes

**Quality Assurance:**

- Laser-guided back gauges
- Prototype validation before mass production

## CNC Bending & Sheet Metal Forming



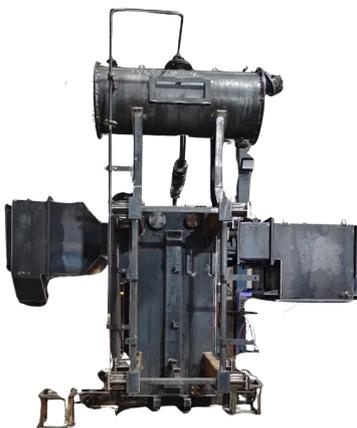
**Processes Offered:**

- MIG / TIG Welding
- Structural & precision assemblies
- ARC Welding
- Mild steel components

**Supporting Services:**

- Jig & fixture design
- Sub-assembly integration
- Dimensional inspection reports

## Metal Fabrication & Welding



# OUR PRODUCT



At Phoenix Engineering Industries, we manufacture a wide range of high-precision metal components and transformer products, engineered for long-term performance, strength, and accuracy.

## Transformer Components

- Transformer shells
- Core clamps & core channels
- Cable boxes
- Top covers & conservators

## TRANSFORMER RANGE



Medium Power Transformers  
• Capacity: 1 MVA to 5 MVA



Power Transformers  
• Capacity: 5 MVA to 100 MVA



Distribution Transformers  
• Capacity: 100 KVA to 1 MVA

# ACHIEVEMENT



6+  
Years of  
Excellence



100+  
Professional  
Team Member



5,000+  
Developed  
Products



100+  
Happy Global  
Clients



## Get in Touch with us

Contact Us Today Ready to power your next project? Reach out to our engineering team.



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