

MECHANICAL SOLUTIONS & FABRICATION SERVICES

Customized, Cost-Effective & Reliable Mechanical Solutions for Industrial Applications

About Mechanical Solutions

Mechanical solutions play a critical role in supporting industrial processes through robust design, efficient fabrication, and reliable infrastructure. These solutions are tailored to meet specific process requirements, ensuring durability, operational efficiency, and long-term performance.

Specialized mechanical solutions are designed for **Indian MSME industries**, focusing on cost-effective and customized fabrication aligned with process needs.

Applicable across **Chemical, Pharma, API, Food & Beverage, Dairy, Sugar, Water Treatment, Manufacturing, OEM, EPC, Automotive, and Government Projects.**

Our Mechanical Engineering Expertise

Core Capabilities

- Process Design & Engineering
- Plant Layout & Mechanical Design
- Customized Industrial Fabrication
- Equipment Design as per Process Requirement
- Structural & Utility-Based Mechanical Solutions

Scope of Work

Design & Engineering

- Process understanding & requirement analysis
- Equipment sizing & selection
- Plant layout & space optimization
- Structural & fabrication drawings
- BOQ / Material planning

Manufacturing & Fabrication

- Silos (Storage & Process)
- Vessels & Storage Tanks (MS / SS)
- Industrial Platforms & Structural Fabrication
- Industrial Sheds & Roofing Structures
- Gates, Frames & Utility Structures
- Custom-built mechanical equipment as per application

Supply | Installation | Services

1. Supply

- Fabricated equipment (Silos, Tanks, Vessels)
- Structural materials & assemblies
- Platforms, sheds & mechanical frameworks
- Custom-designed process equipment
- Piping supports & mechanical accessories

2. Installation & Execution

- On-site erection of fabricated structures
- Equipment installation & alignment
- Structural assembly & welding work
- Integration with process & utility systems
- Site modification & retrofit execution

3. Services & Support

- Maintenance & repair of mechanical systems
- Modification & capacity enhancement
- Shutdown support & emergency services
- Inspection & structural health checks
- Refurbishment & re-engineering solutions

TECHNICAL CAPABILITIES & EXECUTION

Design & Consulting Strength

- Dedicated in-house consulting & design team
- Process-based design approach
- Practical & execution-friendly engineering
- Coordination with Electrical & Automation systems

Execution Methodology

1. Requirement Study & Site Assessment
2. Process & Mechanical Design
3. Fabrication & Quality Inspection
4. Delivery & Site Installation
5. Testing & Commissioning Support
6. Maintenance & Lifecycle Support

Quality & Standards

- Use of standard fabrication practices
- Material quality assurance (MS / SS / as required)
- Dimensional accuracy & structural integrity
- Safety compliance during fabrication & erection

Contact

 sales.ind@inducart.com

 www.inducart.com

Delivering Practical, Durable & Process-Oriented Mechanical Solutions