



MONEL EQUIPMENTS PVT. LTD.

Engineering Excellence for Over 40 Years

Company Profile

Q3 2025



ABOUT COMPANY

Monel Equipments Pvt. Ltd. is a trusted engineering partner with over 40 years of proven expertise in the design and fabrication of high-performance process equipment. Founded and led by a team of qualified and experienced professionals, we have consistently delivered innovative and reliable solutions across diverse industries including Chemicals, Pharmaceuticals, Dyestuffs, Breweries, and Crude Oil.

From our humble beginnings, we have grown into a full-fledged manufacturer with an independent facility at Turbhe, Navi Mumbai. This in-house capability empowers us to offer end-to-end solutions—from design and engineering to fabrication, testing, installation, and commissioning—ensuring strict adherence to global standards and customer requirements.

Our commitment to quality, safety, and innovation has earned us long-standing trust with leading organizations across India. By combining technical expertise with customer-first values, we continue to create equipment and systems that drive performance, efficiency, and long-term reliability.

OUR SERVICES

✓ DESIGN

Specialized in the design of pressure vessels and chemical reactors in compliance with ASME Section VIII, API 650/620, IS 2825, and relevant international standards

✓ MANUFACTURING

Fabrication facility equipped for CS, SS and alloy steel construction. Skilled technicians ensure quality and reliability for all, on and off site builds.

✓ INSPECTION

Comprehensive inspection and testing under recognized third-party agencies such as TÜV, Bureau Veritas (BV), SGS, and Reliance Inspection Services (RIL), covering NDT, hydrotesting, radiography, and full code compliance.

✓ COMMISING

On-site installation and performance validation ensuring seamless integration and safe operation.

✓ SERVICE

Comprehensive after-sales support and AMCs for both our installations and pre-built systems, ensuring reliable long-term performance.

INDUSTRIES AND CUSTOMERS SERVED



PHARMA

Food-grade fermenters in SS316, up to 150 kL, with hydrofoil stirrers and pH monitoring for consistent batches and CIP-friendly hygiene.



OIL & GAS

Storage and Emulsion tanks.
PESO (CCOE) approved tanks for HSD.



DATA CENTRES

Thermic Tanks and HSD tanks to support data center cooling and power backup



CHEMICALS

Reactors, filters, heat exchangers plus polyol/isocyanide bulk storage—engineered for compatibility, mixing duty, and safety interlocks.



PAINTS & FMCG

High-speed dispensers with adjustable dispensing height and integrated control panels for precise, repeatable filling.

ME MONEL
EQUIPMENTS

FOXCONN

CtrlSTM



WE OPEN THE WAY



S & T GROUP



RAISING THE STANDARDS


FABER-CASTELL
since 1761



IndianOil



OUR INSPECTION STANDARDS AND AFFILIATIONS

At Monel Equipments Pvt. Ltd., we deliver engineered process equipment and bulk storage systems that support some of the most demanding industries—ensuring safety, reliability, and performance in every build.



A Navratna Company



SPECIALISED EQUIPMENT THERMIC WATER STORAGE TANKS

KEY FEATURES:

- Customizable capacities based on project requirements.
- Corrosion-resistant SS 316 construction ensures long-term reliability.
- Designed for high thermal efficiency with insulation and process integration.
- Suitable for both industrial process heating and centralized hot-water systems.
- Food Grade systems can be made if required.

COMPLETED PROJECTS:

Our thermic tanks have been successfully deployed across multiple landmark projects in India, reinforcing our reputation for quality and trust:

- CtrlS Datacenters Navi Mumbai
- Reliance Industries Limited (Ananta, Vrindavan, ABH)
- Hyatt Hotels
- Marriott Hotels
- Vivanta Hotels
- Amway Corporate Hot-Water Systems



SPECIALISED EQUIPMENT EMULSION TANKS

KEY FEATURES:

- Integrated Heating System.
- Internal recirculation System.
- Dispensing Accessories and circuitry.
- Heavy-Duty Construction: Rugged design for safe mobility and long service.

APPLICATIONS:

- Road construction and maintenance.
- On-site mixing and distribution of bitumen emulsions.

We provides turnkey solutions that reduce downtime, enhance efficiency, and ensure superior quality control, even in remote or large-scale project environments.



SPECIALISED EQUIPMENT HIGH CAPACITY STORAGE TANKS

KEY FEATURES:

- Capacities: 100 kL, 150 kL, 200 kL, and 300 kL (custom options available).
- Internal Heating Coils: Maintain optimal temperature, ensuring consistent bitumen quality and preventing solidification.
- Agitation Systems: Continuous mixing to avoid stratification and maintain uniformity.
- Installation Flexibility: Can be manufactured at our Navi Mumbai facility or fabricated directly on-site for large-scale projects.

APPLICATIONS:

- Bulk storage for refineries and asphalt processing units.
- Industrial-grade infrastructure requiring long-term bitumen storage.



SPECIALISED EQUIPMENT HIGH CAPACITY STORAGE TANKS



STORAGE TANKS

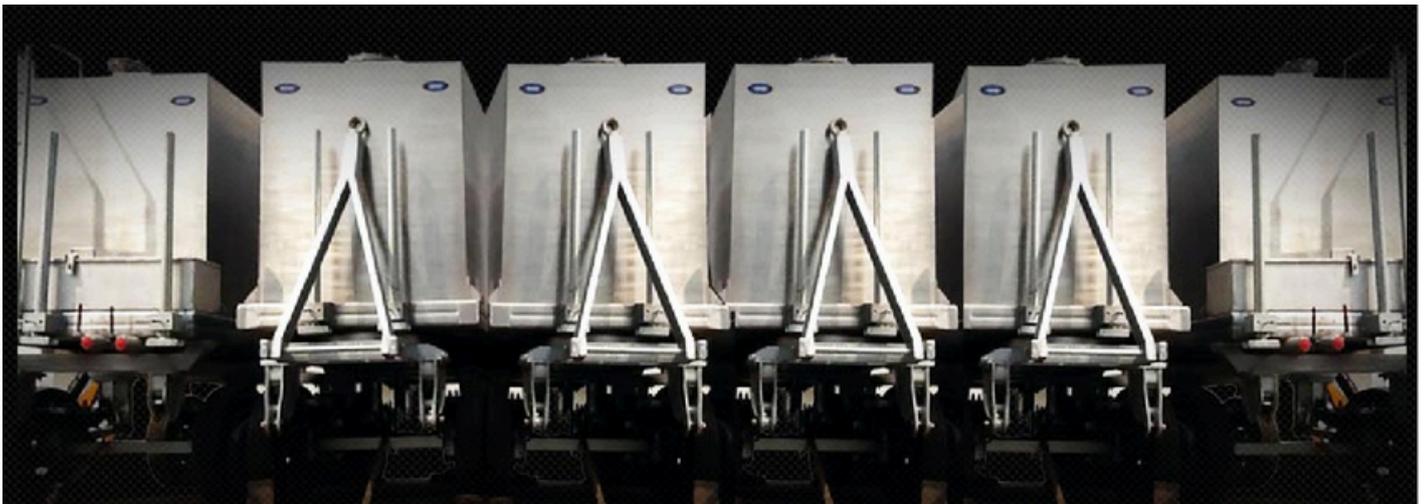
SPECIALISED EQUIPMENT FIRE SUPPRESSION EQUIPMENT

KEY FEATURES:

- Adjustable Dispensing Height and heavy duty axels for ease of mobility.
- Integrated Control Panel: Provides accurate flow regulation, speed adjustment, and process monitoring for improved quality control.
- High-Speed Operation: Engineered for fast, reliable dispensing to meet high-volume industrial production demands.
- Durable Construction: Built with robust materials to handle continuous usage and abrasive paint formulations.

APPLICATIONS:

- Large-scale paint and coatings manufacturing plants.
- Controlled, repeatable dispensing in batch processing.
- Optimized handling of liquid paints, primers, and chemical formulations.



SPECIALISED EQUIPMENT REACTORS, FILTERS, AND HEAT EXCHANGERS

Custom-designed for chemical, pharmaceutical, and allied industries

- **REACTORS**

- **Dimple Jacketed**
- **Internal Coils**
- **External Limpet coils**
- **Agitator-driven**

- **Filters**

- High-capacity filtration systems for solid-liquid separation.
- Designed for durability and precision under continuous operations
- Options in stainless steel for sanitary and corrosive service.

- **Heat Exchangers**

- Shell-and-tube, U-tube, and custom-built configurations.
- Optimized for thermal efficiency and energy savings.
- Designed for chemical plants, HVAC, and process utilities.



SPECIALISED EQUIPMENT PU MIXING MACHINE

At Monel Equipments Pvt. Ltd., we bring specialized engineering expertise to the polyurethane (PU) industry, supporting end-to-end requirements from component mixing to moulding systems. Our solutions ensure precision, consistency, and reliability in handling complex multi-component processes.

Key Contributions:

- Manipulator & Mould Development
 - Designed and developed manipulators and moulds specifically for polyurethane moulding applications.
 - Enabled accurate shaping and enhanced production efficiency in PU product manufacturing.
 - Assisted in the design and manufacturing of a high-performance PU mixing machine.
 - Engineered for multi-component mixing (two or more components) in precise ratios.
 - Operates under high pressure (80–100 kg/cm²) to ensure uniform and controlled mixing.
 - Guarantees quality and consistency in the final PU product, as maintaining the correct ratio is critical to strength, durability, and performance.

Value Delivered:

- Proven ability to design and build custom equipment tailored to polyurethane applications.
- Delivered solutions that enhance production reliability and quality control.
- Reinforced our position as a trusted engineering partner in specialized chemical and polymer industries.



COLLABORATION & STRATEGIC PARTNERSHIP

We benefit from a strategic partnership with our sister company, giving us access to specialized expertise and advanced equipment. This collaboration strengthens our ability to deliver precision-engineered solutions across diverse industries.

Extended Capabilities:

- Secondary Fabrication site in Kolhapur (Maharashtra).
- CNC Machining & Milling
- Broaching & Hobbing
- Dynamic Balancing
- Non-Ferrous Foundry
- Gravity Die Casting

Value Delivered

Through this collaboration, we gain access to specialized processes that go beyond conventional fabrication, enabling us to consistently deliver superior product quality, durability, and efficiency. The integration of in-house and allied facilities ensures faster project execution, while our ability to provide a wide spectrum of solutions under a single window allows us to effectively serve diverse industry requirements.



GET IN TOUCH

At Monel Equipments Pvt. Ltd., we believe that every successful project begins with a strong partnership. Whether you're looking for customized process equipment, reliable fabrication solutions, or a trusted engineering ally for your next venture, our team is here to help.

Connect with us to explore how our 40+ years of expertise can add value to your operations. From concept to commissioning, we'll work closely with you to deliver precision-engineered solutions that meet your technical, quality, and performance goals.



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[Maps](#)