



**Tuffcraft Limpet Works (OPC)
Private Limited**

About Us

Established in 2021, Tuffcraft Limpet Works (OPC) Private Limited is a pioneering company focused on delivering technology-driven solutions tailored to address new industrial challenges. Based in Pune, we excel in manufacturing Cold Roll Formed Continuous Limpet Coils and providing top-tier pipe bending services. Our commitment to innovation and quality sets us apart in the industry.



We utilize advanced cold roll forming techniques to create continuous limpet coils, a process that offers numerous advantages over traditional press bending and welding methods. This approach not only saves time but also significantly reduces wastage costs, labor costs, and welding costs. The stage-wise rolling process employed in our manufacturing minimizes work hardening in the material, ensuring superior weld joints and enhancing the overall durability and performance of our products.

Core Services

- **Advanced Manufacturing Techniques:** Utilizing cutting-edge technology to produce high-quality metal products.
- **Comprehensive Metalworking Solutions:** Providing a full spectrum of services, from design and fabrication to finishing and assembly.
- **Quality Assurance:** Commitment to maintaining the highest standards of quality and customer satisfaction.



Cold Roll Formed Continuous Limpet Coils:

Limpet coils are crucial components of reactors, designed to regulate the temperature of the media inside pressure vessels through heating or cooling. Our cold roll formed continuous limpet coils are manufactured to the highest standards, offering the following benefits:



Technical Specifications

SIZE	OD	THICKNESS
50 NB/2" NB	60.3 mm	3.0 to 6.0 mm
65 NB/205" NB	73.3 mm	3.0 to 6.0 mm
80 NB/3" NB	88.9 mm	3.0 to 6.0 mm
100 NB/4" NB	114.3 mm	3.0 to 6.0 mm

Advantages

- Enhanced heat transfer coefficients: 2 to 3 times higher for heating processes and 1.25 to 1.5 times higher for cooling processes compared to conventional jacketed vessels.
- Reduced wastage of base materials and consumables.
- Lower labor costs and cutting/welding costs.
- Superior weld joints due to reduced work hardening.

Our continuous limpet coils are designed to meet the rigorous demands of modern industrial applications, ensuring efficient temperature regulation and enhanced performance.

All Types of Pipe Bending

At Tuffcraft Limpet Works, we offer comprehensive pipe bending services under one roof, utilizing our specially developed semi-automatic pipe bending machines. These machines ensure crease-free, dimple-free pipe bends with the highest degree of precision and accuracy. Our pipe bending services are ideal for a wide range of industrial applications, providing:

- High precision and accuracy in bends.
- Customizable solutions to meet specific requirements.
- Superior quality and durability.

In addition to pipe bending, we also specialize in rod bending and soil bending, ensuring versatile solutions for various industrial needs.



Why Choose Us?

- High-Quality Products: Advanced manufacturing for superior results.
- Expertise: Tailored solutions from industry experts.
- Customer-Centric: Focused on long-term client relationships.
- Innovation and Efficiency: Cutting-edge technology for cost-effective solutions.

Contact Us

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