



**MEND COOLING TOWERS
PRIVATE LIMITED**



Company Registration
29.09.2021

Company Profile

www.mendcoolingtowers.in
info@mendcoolingtowers.in



CONTENTS

- 01 Company Introduction
- 02 Vision | Mission | Values
- 03 Our accessories promising cooling performance
- 04 Diagrams
- 05 Health & Safety
- 06 Some site view
- 07 Specifications
- 08 Contact Details



MEND COOLING TOWERS PRIVATE LIMITED



COMPANY INTRODUCTION

MEND COOLING TOWERS PRIVATE LIMITED is a proud MSME located in Uluberia, Howrah, West Bengal, India. Established in 2021, we started as a small team focused on servicing and repairing FRP and wooden cooling towers. Those early days shaped our values of hard work, dedication, and prioritizing our customer satisfaction.

Over time, we expanded our expertise and capabilities. Today, we offer end-to-end solutions in the cooling tower industry. From manufacturing cooling towers to supplying spare parts, and managing erection, servicing, maintenance, and modifications, we handle it all.

Our success is driven by our incredible team of skilled and experienced technicians. Their ability to understand and meet customer requirements has earned us trust and recognition across India. Their commitment to quality ensures that we deliver top-notch solutions every time.

We deeply value the dedication and hard work of our team. Together, we're not just building cooling towers; we're building lasting relationships and providing innovative solutions that empower industries nationwide.



Our Commitments

▶ Our Vision

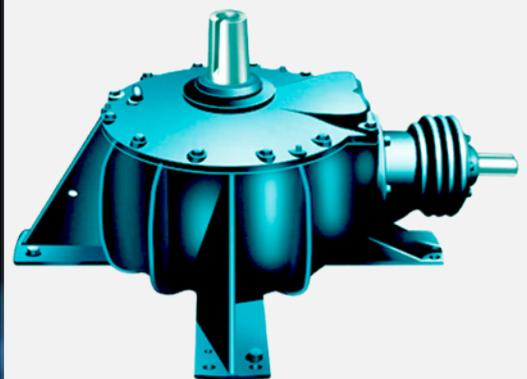
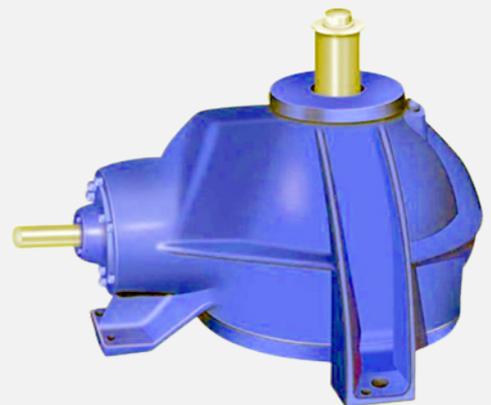
- At **MEND COOLING TOWERS PRIVATE LIMITED**, our vision is simple: *"To deliver exceptional service to our customers."* We strive to achieve this through a strong commitment to quality, a flexible approach to manufacturing, and a team of skilled, dedicated professionals who never settle for anything less than excellence in everything they do.
- We believe our people are our greatest asset. We are dedicated to providing them with continuous training and growth opportunities. By empowering our team, we not only meet our goals but also ensure constant growth and innovation for the future.

▶ Our Mission

- We strive to offer outstanding service to our clients, always prioritizing them and treating them with the honesty and integrity they deserve.
- Our aim is to deliver high-quality solutions on time, tailored fit to the convenience of our clients.
- We are dedicated to using only top-grade materials to ensure our customers get the best value for their investment.
- We also take pride in training and mentoring young professionals who aspire to build their careers in this industry.

▶ Our Values

- We hold sacrosanct the ideals of excellence, trust, respect, empowerment, accountability, and the cultivation of profound, enduring relationships.
- Our unwavering commitment lies in perpetually delivering impeccable quality, fostering ceaseless innovation, and adhering steadfastly to the inviolable axiom that quality is unparalleled and irreplaceable.



Mend
WGUQ

Cooling Towers

www.mendcoolingtowers.in

Our Accessories Promising Cooling Performance

Cooling Tower Fans

- Mend Cooling Towers fans are high-efficiency, energy-saving axial flow types, featuring FRP fan blades with a true aerofoil design and a MS HDG/SS 304 hub. The diameters range from 2 feet to 36 feet, with aluminium options also available.

Gear Boxes

- We use specially designed spiral bevel gearboxes, offering an overall efficiency of around 97% and a minimum service factor of 2.0, as specified by CTI standards. These premium transmission units, available in all series and ratios, also come with high-quality spares.

Cooling Tower Fills

- We offer a wide range of splash-type and film-flow fills, available in timber and PVC materials, suitable for both cross-flow and counter-flow cooling towers. The fills are supported on FRP/SS304 grids, which are securely attached to the structure for added stability.

Drive Shaft & Parts

- Dynamically balanced, flexible hollow tubular drive shafts with pin-bush type couplings are available for all types of cooling towers. These couplings, made from MS-HDG, SS304, and SS316 materials, come in various sizes to suit your specific requirements.

Drift Eliminators

- Our newly developed PVC eliminators reduce drift losses to less than 0.05%, with minimal pressure drop, lowering operating costs, requiring low maintenance, and being easy to clean.

Nozzles

- Made from corrosion-resistant plastic, it ensures uniform water distribution. Water capacity can easily be adjusted within a single nozzle body, with a twist-lock installation and removal that requires no tools.

Hot Water Distribution

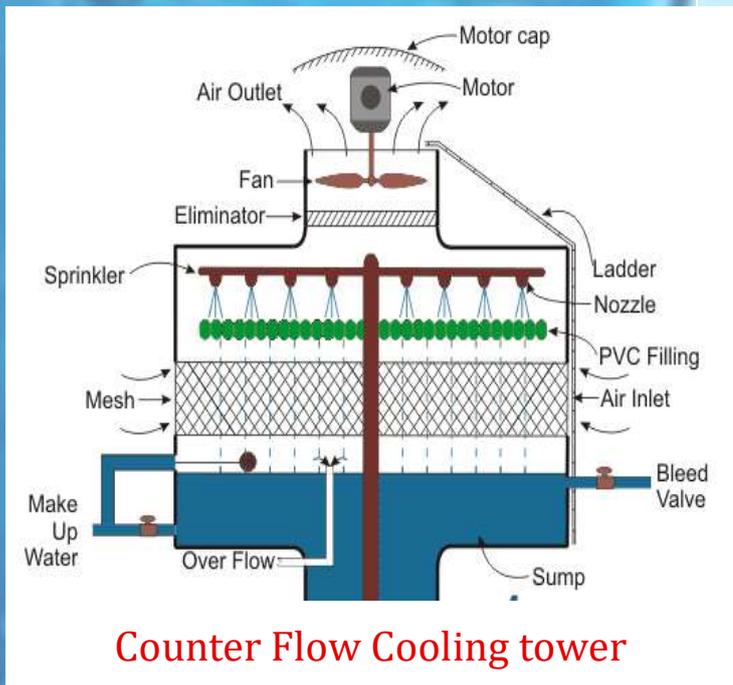
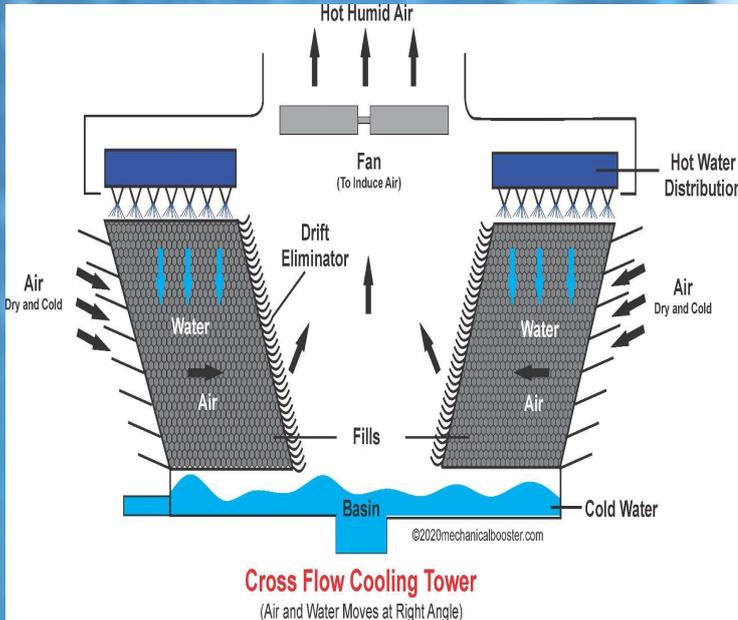
- In our cross-flow cooling towers, the water basin is open, gravity-fed, and made of treated pine timber/plywood, fitted with PP gravity target nozzles. In counter-flow towers, water distribution is through a header made of MS-HDG/FRP pipes, equipped with SPSC nozzles made of PP material.

Other Parts

- Complete bearing sets, oil seals, O-rings, gaskets, shims, fan assemblies with clamps and fasteners, I & U bolts with lock nuts and washers, flow control valves and spares, SS 304 grids and FRP grids, tie clips, and bench ties.



Diagrams





Health & Safety Act

Company's Responsibility

At **MEND COOLING TOWERS PVT LTD**, we are committed to fostering a safe and healthy work environment where employees feel valued and secure. Protecting their well-being and safeguarding our assets remains at the heart of our mission, guided by our SHEQ Safety Policy.

Employee's Responsibility

We believe safety is a shared commitment. Every team member plays a vital role by following guidelines, using equipment responsibly, and supporting a risk-free workplace.

Our Commitments

- Take reasonable care of personal health and safety, as well as that of others.
- Use protective equipment properly and maintain it responsibly.
- Promptly report any risks or unsafe situations.
- Collaborate with others to ensure compliance with health and safety standards.
- Follow prescribed safety measures.
- Focus on mental well-being and maintain a positive outlook.



Some Site Views



Fan set installation



Cross flow cooling tower repairing



Sprayer changeout



Fills changeout

Specifications

Our cooling towers are built using advanced technology. What sets us apart is the superior quality we offer compared to others.

Here are some key specifications of our cooling towers.



Salient Features :

The fill media is made of chemically treated imported pinewood, designed to resist fungus, algae, and water with high TDS and foreign particles. Treated wooden splash bars are securely held in place with stainless steel grips for durability and stability.

The structure, crafted from hot-dipped galvanized steel, ensures long-lasting performance. Its compact design saves space and energy while allowing easy maintenance. The fan deck and distribution basin are made from durable FRP, while all joints are fastened with stainless steel hardware for added reliability.

Equipped with heavy-duty mono-block geared boxes for enhanced air suction and dynamically balanced adjustable-pitch aluminium axial flow fans, the system ensures optimal efficiency. Water dispersion is uniform, thanks to flower pot target nozzles.

Key Specifications:

- **Capacity:** 100TR to 1500TR (single cell)
- **Water Flow:** 65m³/h to 1000m³/h (single cell)
- **Delta T:** 4°C to 20°C (single cell)

These cooling towers are engineered for durability, efficiency, and versatility.

High Efficiency Induced Draft Cooling Tower

❖ SALIENT FEATURES

- Built for high efficiency and long-lasting durability
- Fast delivery to meet your needs
- Interchangeable spare parts for convenience
- Power-saving design with low noise levels
- Reliable, trouble-free service
- Easy maintenance

COST EFFECTIVE



Contact Us

Office Address:

Parijat Mousumi Para,
Uluberia, Howrah, India

Email: support@mendcoolingtowers.in

Sales Phone No.: +91-74393-62576

Email: sales@mendcoolingtowers.in

General Information:

Email: info@mendcoolingtowers.in

Directors:

Mr. Sudip Roy

Email: roy.sudip@mendcoolingtowers.in

Mrs. Mousumi Roy

Email: roy.mousumi@mendcoolingtowers.in





MEND COOLING TOWERS PRIVATE LIMITED



**Company
Registration
29.09.2021**



**Mr. Sudip Roy
Mrs. Mousumi Roy**
Managing Directors



+91-8981826096



**Parijat, Mousumi Para,
Uluberia, Howrah-711315**



support@mendcoolingtowers.in



www.mendcoolingtowers.in