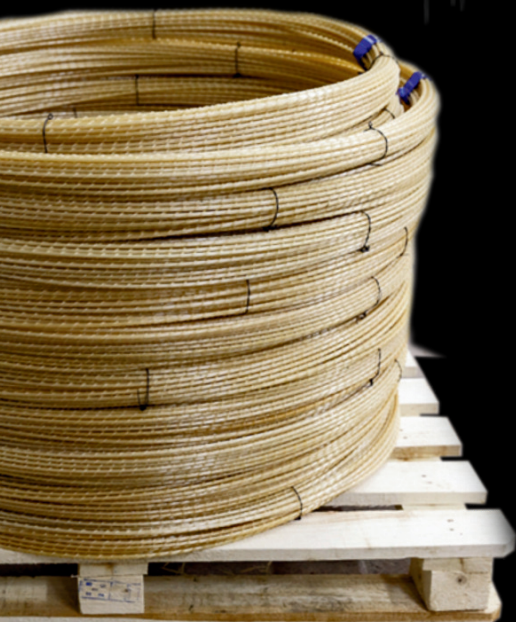




Musclerebar **Composit** Pvt. Ltd.

GFRP REBAR
MANUFACTURER

Premier **Solution** for Your **Construction** Requirements



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www.musclerebar.com



K-255, Waluj MIDC,
Aurangabad - 431133
Maharashtra, INDIA

2+
YEARS OF
Experience

WE SPECIALISE IN GFRP REBARS AND CUSTOMISED BEND
ELEMENTS MANUFACTURED IN GFRP.

ABOUT US

Musclerebar Composit Limited is committed to pushing boundaries in the field of GFRP rebar technology. Our dedication to innovation and quality has positioned us as leaders in the industry. With a strong presence in key locations near Mumbai, including Aurangabad, Hyderabad, and Khopoli, we are strategically placed to meet the needs of our clients.

In our state-of-the-art facility in Aurangabad, we house advanced testing laboratories and cutting-edge equipment designed for the precise development of GFRP bars. Our specialized bend elements crafted from GFRP are tailored to meet the unique requirements of each project.

Our impact extends beyond borders, with our products and services being integral to major projects undertaken by **NHAI** and **MSRDC** in India. Furthermore, our reach extends to international markets in the Middle East and Africa, where our technology is highly sought after.

At Musclerebar Composit Limited, quality is paramount. This is reflected in our **ISO 9001:2015** certification, which underscores our commitment to maintaining excellence in our products and services. Our dedicated Research and Development center is the driving force behind our cutting-edge technology and the advanced pultrusion machines that set us apart in the industry.

FUN FACTS NUMERICALLY



REASONS FOR CHOOSING US

Reliability and **Transparency** are key for service success. Reliability builds trust through consistent high-quality outcomes, while transparency ensures accessible information. By combining these, a service can establish **Trust, Efficiency**, and a positive **Relationship**. The team consists of skilled professionals dedicated to exceeding expectations. They prioritize quality in every aspect, aiming to surpass **Customer Satisfaction** and deliver exceptional products.

OUR VISION

To become a leading global provider of engineered solutions for construction, the goal is to deliver value through quality, safety, and service. Collaboration between innovative ideas and dedicated teams aims to produce precise, cost-efficient products that surpass performance standards.

QUALITY POLICY

At Musclerebar Composit Pvt Ltd, our mission and core business values revolve around a strong dedication to quality and ongoing enhancement. These principles drive our efforts to provide top-notch products that meet our customers' needs effectively.

1 LIGHT WEIGHT
Composite rebar is 8 times lighter than steel, reducing the total weight of structures and foundation load without compromising structural integrity.

COST EFFECTIVENESS UP TO 50%
Costs decrease by up to 50% when switching from metal to FRP rebar, even with different diameters.

3 EASY OF INSTALLATION
Cutting and installation process is simplified –any worker can lash rebar using minimum set of tools and forces.

DURABILITY
Composite reinforcing in FRP rebar offers over 100 years of service life due to high chemical and corrosion resistance, outlasting steel counterparts.

5 EASY TO CUT OPENINGS IN CONCRETE STRUCTURES
This property of fiberglass reinforcement is used in the construction of underground tunnels, temporary concrete barriers and structures.

LOW CONDUCTIVITY
The absence of thermal bypasses in the building is due to glassfiber rebar, preventing heat loss and freezing in walls, floors, and foundations, especially in specific regions.

7 HIGH TENSILE STRENGTH
FRP rebar a reliable reinforcing material the tensile strength of which is 3 times higher than that of steel rebar.

SHIPPING COSTS SAVINGS UP TO 90%
Thanks to its light weight and low volume, you save on shipping costs. The material needed for an average house's foundation mat can fit in a car trunk for transportation.

9 ENERGY EFFICIENCY
You save on heating costs when using FRP rebar in a building due to lower costs compared to steel rebar.

RADIO TRANSPARENCY AND DIELECTRIC PROPERTIES
Dielectric rebar cage does not conduct an electric current, so this ensures greater radio transparency and minimizes influence of electromagnetic fields.

11 ADAPTABLE SIZES - RODS OF THE REQUIRED LENGTH
Consider using FRP fittings in 50 or 100m coils to save money by avoiding the need to join 11-meter iron rods for concrete reinforcement, which can create weak points in the reinforcement cage.

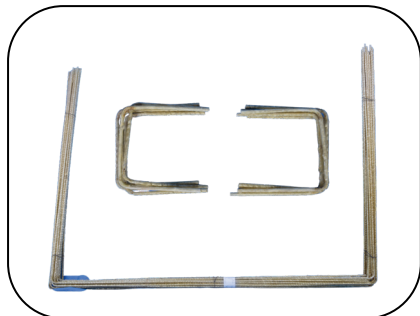
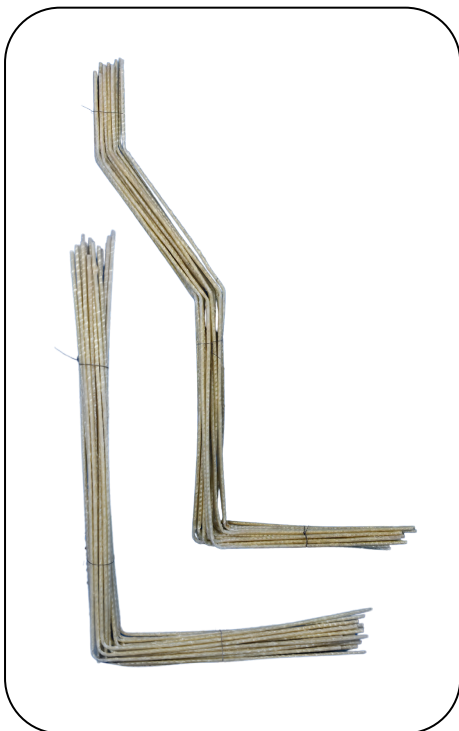
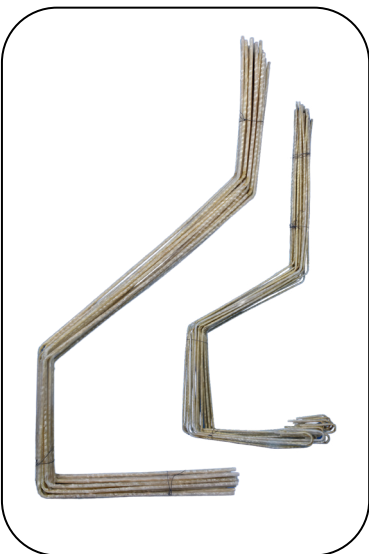
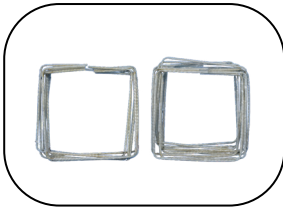
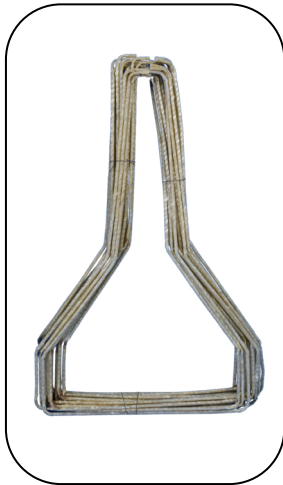
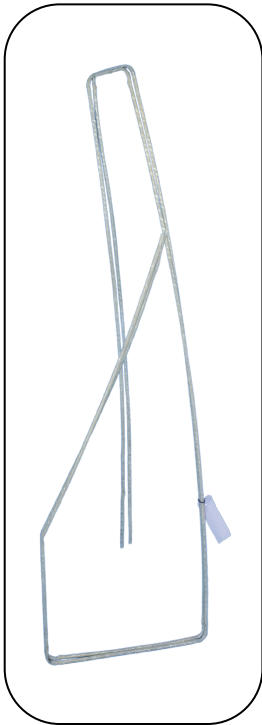
FREEZE-THAW RESISTANCE
High-tech fiber rebar and mesh maintain properties in extreme cold with a temperature range of -70°C to +200°C.

12

REASONS to choose FRP REBAR Instead of Steel bars



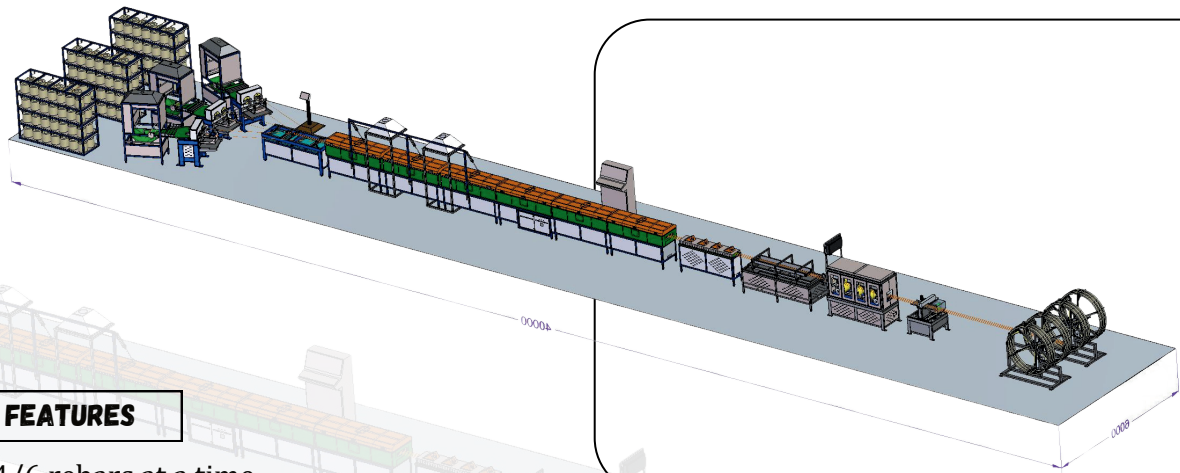
Our Range of **PRODUCTS**



DID YOU KNOW?

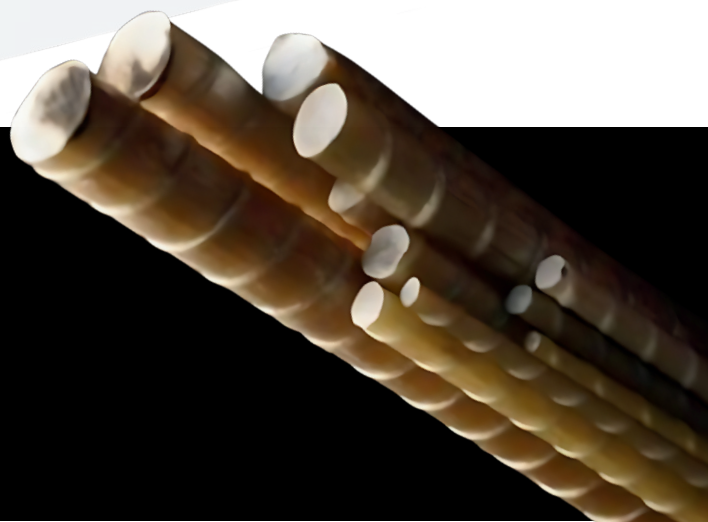
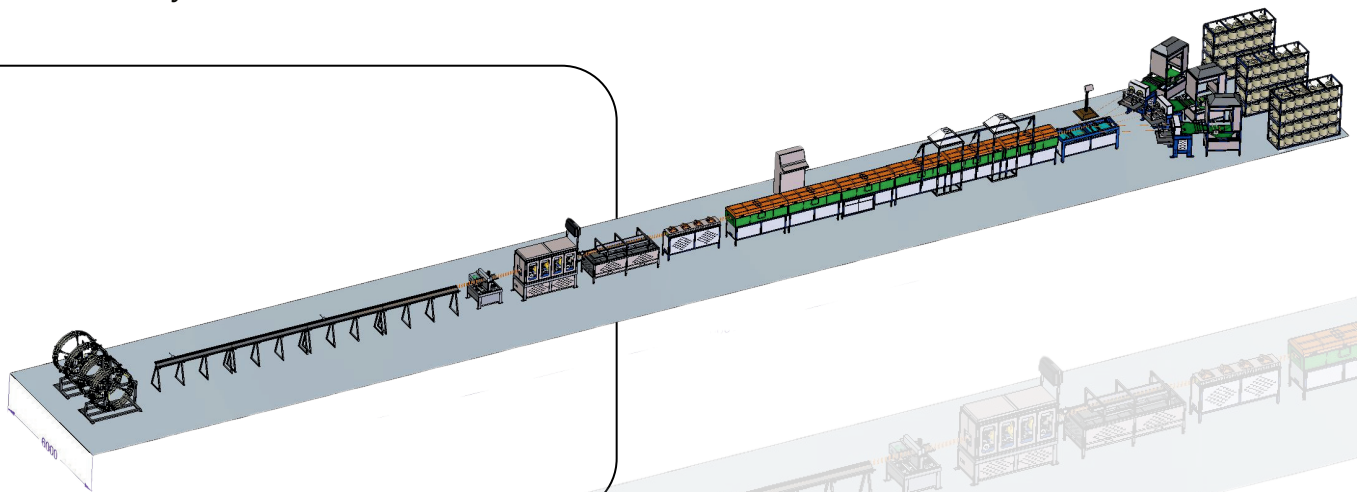
FRP REBAR is **environmentally friendly**, as it does not release toxic materials during production or use and **can be recycled at the end of its life cycle.**

We manufacture **MULTI SPINDLER FOURMATIC** REBAR MACHINE



FEATURES

- ▶ 4/6 rebars at a time.
- ▶ Noiseless spindle operation.
- ▶ Next generation furnace design with minimum heat loss.
- ▶ To increase flexibility of Rebar, extra additional annealing process.
- ▶ PU Rollers with ToughGrip® Technology for gripping and pulling performance.
- ▶ Andon display for line speed and production quality with batch cutting.
- ▶ Scada Control System.
- ▶ Quick release mechanism for coiler.
- ▶ All structure powder coated.
- ▶ And many more features.....



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भारत का अपना **REBAR**



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For more detail
SCAN:



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