



A BILLION DREAMS



**"POWERING A BILLION DREAMS"
SERVES AS THE FOUNDATIONAL
ETHOS THAT DEFINES OUR PURPOSE
AND FUELS OUR ASPIRATIONS.**



In the realm of infrastructure and engineering, MĀN Structurals envisions itself as a catalyst for realizing a billion dreams. With a commitment to excellence and innovation, our endeavors extend beyond conventional boundaries. "Powering a Billion Dreams" serves as the foundational ethos that defines our purpose and fuels our aspirations.

At MĀN Structurals, we understand that every project we undertake contributes to a larger narrative, influencing the lives and aspirations of a diverse population. Our dedication to powering dreams is reflected in our continuous pursuit of groundbreaking projects in power transmission, railway electrification, Renewable Energy and more.

Our commitment to "Powering a Billion Dreams" goes beyond just structural excellence. It is embedded in our corporate culture, where each member of the MĀN Structurals family is inspired to think beyond boundaries, challenge the status quo, and contribute to a sustainable and progressive future.



POWERING PROGRESS

For over 60 years, our company has been a leader in the manufacturing of transmission towers, driven by visionary entrepreneurs within our family. Our commitment to quality, environmental sustainability, and occupational health and safety is reflected in our ISO certifications.

We take pride in our state-of-the-art testing laboratory, accredited by NABL, ensuring that every product meets the highest standards.

Beyond transmission towers, MĀN Structural is a diversified player in EPC activities, contributing to power transmission, telecom, railway electrification, and smart metering projects.

Our USP lies in the optimal design and manufacturing expertise of our executive team, backed by extensive experience. As we export our products to various countries, including Nepal, Burkina Faso, Tanzania, Oman, Bhutan, and the USA, we remain sensitive to environmental concerns, evident in our Zero Liquid Discharge (ZLD) plant.

As we progress, "Powering a Billion Dreams" evolves from a guiding principle into a tangible and lived reality. Through our expertise in EPC, pioneering achievements in tower manufacturing, we aim to leave an indelible mark on the landscape of possibilities. MĀN Structural, in every endeavor, seeks to be the driving force that propels a billion dreams toward realization, creating a legacy of transformative impact.

POWERING EXCELLENCE

- At MĀN Structural, our strength lies in a harmonious blend of seasoned veterans, young talents, and dedicated experts.
- Employ the latest computer-aided software, including I-tower and CAD, to craft transmission line towers with optimal design weights and volumes. Embracing AI initiatives propels us toward continuous improvement and innovation in our field.
- ZERO TOLERANCE in our inspection system, from vendor identification to dispatch, ensures unwavering product quality.
- State-of-the-art machines and equipment form the backbone of our operations, boosting productivity and efficiency.
- Our strengths in terms of design, quality and timely delivery have resulted in a long list of satisfied customers both in private and public sector, in domestic and overseas markets.
- MĀN Structural effective Research and Development center serves as the nucleus of innovation.
- Implemented significant measures to embrace green power, aligning our operations with environmentally responsible practices.
- MĀN Structural has honed its expertise in Engineering, Procurement, and Construction (EPC) of Transmission Lines and Substations for HT/EHV up to 400/765 KV along with railway electrification in OHE & TSS.
- Our NABL-accredited lab stands as a testament to our unwavering commitment to the highest quality standards across all operations.

POWERING INNOVATION

Within our fully equipped in-house Design & Drawing office, our team of design engineers, draftsmen, and experienced technicians utilize cutting-edge software for meticulous design and manufacturing drawing preparation.

MĀN Structural boasts a series of pioneering achievements in design, being the first to introduce Microwave towers and narrow base towers in India, among other notable credits. Our innovative design capabilities extend to the successful testing of 33, 66, 132, 220, and 400 kV S/C & D/C towers. Having supplied 400 kV and 765 kV towers, switchyard/substation structures, pipe structures, and Microwave antenna towers up to 100 meters in height, MĀN Structural caters to clients in India and overseas, adhering to both national and international standards. Our towers undergo rigorous testing on competitors' test beds, achieving a remarkable 100% success rate.

Beyond our proficiency in tower design, MĀN Structural has expanded into the design of substations, traction substations, railway yard electrification, and transmission line design, showcasing our versatility in both plain and hilly regions.



POWERING STRUCTURAL SOLUTIONS

- LT/HT/EMV T.L Towers up to 765 kV D/C
- Multi-circuit towers up to 400 kV
- Switchyard/substation structures up to 400 kV, including pipe structures
- Microwave Antenna/Mobile Towers up to 100-meter heights
- Triangular self-supporting and Guyed Towers
- Communication Towers
- Bilby Towers
- Medium wave Radio Masts up to 240 meters
- Railway Electrification Structures
- Windmill Towers
- All space structures for a variety of applications
- Structures for OHE (Overhead Electrification) for Railways
- Tubular Tower
- Engineering Procurement and Constructions



TL TOWERS, RAILWAY STRUCTURES AND OTHER SPACE STRUCTURES

Dedicated to precision, MĀN Structural excels in the manufacturing of TL towers, railway electrification structures, tubular structures, microwave towers, windmill towers, and various other space structures for diverse applications.

Equipped with advanced fabrication shops and state-of-the-art high-velocity Protherm (UK) galvanizing plants featuring a 13-meter Zinc Bath, CNC Machines, and Combination machines, we ensure maximum efficiency. Our focus on higher productivity keeps costs at the lowest level.

Our annual manufacturing capacity stands at an impressive 72,000 MT, reflecting our commitment to meeting the diverse needs of our clients with unmatched expertise and reliability.

EPC

- A growing EPC company in India, MĀN Structural specializes in infrastructure projects for power transmission and railway electrification, crucial sectors for Corporate India.
- With expertise in constructing transmission line and sub-station bays (HT / EM) up to 400 kV, MĀN Structural has successfully completed over 2500 km of transmission line projects ranging from 132 kV to 400 kV. along with more than 200 kms OHE of Railway Electrification.
- Completed more than 5000 km of Mobile Network Towers (upto 100 m height) with design, supply & erection.
- These achievements span diverse terrains, including plains, hills, rivers, forests, and challenging right-of-way areas in India. Known for delivering utmost satisfaction and maintaining trustworthiness, MĀN Structural is a reliable performer for all clients.

TRANSMISSION LINES

- MĀN Structural has established an advanced facility for the design of transmission lines, prioritizing the safe and efficient carriage of high voltage. Our approach ensures environmental compatibility, taking into account factors such as land use and wildlife conservation.
- Specializes in tower design and material selection, meticulously choosing conductors, insulators, and hardware to ensure reliability and longevity.
- Furthermore, our expertise extends to securing the necessary land rights and permits for the construction of transmission line corridors.





SUB STATION

- Proficient in designing and constructing substations up to 220 kV voltage levels.
- Specialized in related civil work for substations, including the installation of transformers, circuit breakers, switches, and other equipment for effective voltage control.
- Ensuring seamless integration with transmission lines and distribution networks to minimize transmission losses.

RAILWAY ELECTRIFICATION

- MĀN Structural is an integral element in advancing modern infrastructure for Indian Railways.
- This marks the first instance of a 220 kV TSS with a 60 MVA Scot Transformer within the Indian Railway Industry.
- Developed expertise in crucial Railway Electrification projects, including the pioneering Rail over Rail (ROR) electrification.
- Constructing 2x25 Traction Substation (TSS) featuring 60MVA Scot Connected Transformers.
- MĀN Structural ventures into manufacturing railway Overhead Equipment (OHE) structures and undertaking Engineering Procurement & Construction (EPC) for railway electrification.
- Dedicated facilities established for the production of railway structures, encompassing engineering electric traction yard and sub-station electrification.



PROTHERM UK

State-of-the-art Galvanizing
Plant with High Velocity

**STRIVE FOR
PERFECTION,
ACHIEVE
EXCELLENCE.**





POWERING GLOBAL REACH



Nicaragua

Burkina Faso

Ghana

Tanzania

Kuwait

UAE





EXPORT TO 15+ COUNTRIES

- Nicaragua
- Burkina Faso
- Ghana
- Tanzania
- Oman
- Kuwait
- UAE
- Indonesia
- Nepal
- Bhutan
- Iran
- Bangladesh
- Philippines
- Sri Lanka
- Malaysia

POWERING MILESTONES

Sustaining continuous operations for over six decades since 1960, MĀN Structural stands as an industry stalwart.

First to manufacture Bilby Towers for Geological Survey of India.

First to manufacture Microwave Towers for exports to Iran.

First to design and supply 220 KV Sub-station Structures in Himachal Pradesh.

First to develop high mask Triangular Tower to block electro-magnetic during war time.

First to supply all four types of 400 KV multi-circuit towers.

First to design and supply 400 KV Sub-station Structures in Rajasthan.

First to manufacture Narrow Base Towers for cities where land is a constraint.

First to develop Triangular Tower used in weather forecasting.

Designed and supplied more than 14 utilities overseas.

First to supply 765 KV Towers.

Supplied from 11 KV up to 765 KV D/C Transmission Line Towers.

Designed and supplied up to 400 KV Sub-station Structures.

Suppliers to all Central Utilities (PGCIL, NTPC, NHPC) and more than 20 State Utilities.

Completed more than 5000 km of Mobile Network Towers (up to 100 m height) with design, supply & erection.

Supplied Railway Electrification Structures and Embarked into EPC for overhead electrification.

Ventured into solar MMS and Solar Pumps.

POWERING SUCCESS



POWERING PARTNERSHIPS





MAN[®]
MĀN STRUCTURALS
ESTD. 1960

Near Loco, Jaipur (Rajasthan)
+91-141-2222220 - 21, 23
sales@manstructurals.com

MANSTRUCTURALS.COM