



**BAJAJ STEELS &
INDUSTRIES LIMITED**

www.bajajsteels.in



BUILDING THE FUTURE OF SOLAR

MANUFACTURER OF

SOLAR MODULE MOUNTING STRUCTURES

ABOUT US



Bajaj Steels & Industries Limited is a manufacturer & supplier of Solar Module Mounting Structures.

Our works is located in **the heart of Bundelkhand, Orai (Jalaun, UP)** (100 KM from Jhansi & 100 KM from Kanpur).

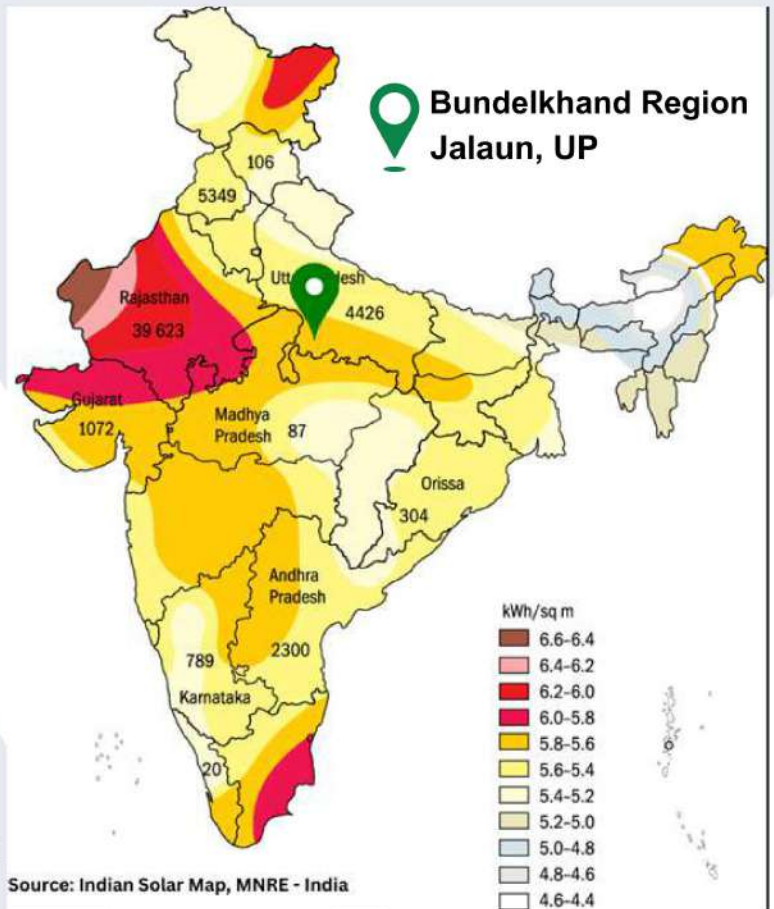
Excellent connectivity by rail and road to all centers of the country makes the company logistically ideal for speedy transportation and shipment.

We have an installed annual capacity of Roll Forming of 12000 MT per annum of various components of Solar Module Mounting Steel Structures.

Our In-House Galvanising plant has an annual capacity of Galvanizing 30000 MT Material per annum, in which we can provide excellent quality of galvanizing from as per the customer's requirement.

Our 10 years legacy & expertise in manufacturing of Hot Dip Galvanized Tower Structures for Power Transmission & Distribution, Railway Electrification, Telecommunication, Rural Electrification, etc., makes us the perfect partner for high precision designing, engineering, Steel Fabrication & Galvanization, by our tower division company, Global Smelter Limited.

We procure our raw materials from esteemed vendors like SAIL, TATA, JSW, AM-NS, Jindal etc. All our vendors are carefully selected & monitored by our highly experienced procurement & quality team. A vigilant quality control cell ensures that every product is tested to conform to the highest standards in our in-house laboratory. Our team works in close coordination with our esteemed customers, which helps our professionals to develop and design products as per the specifications provided by them.



PRODUCT PORTFOLIO



Solar Mounting Structures are an essential component of a solar plant. They support the solar panels, ensuring they are securely mounted and optimally positioned to capture sunlight. The correct choice of a mounting structure enhances the performance, safety, and durability of the solar array, making it a crucial aspect of solar project design.

BSIL offers complete solutions from design, fabrication, galvanization of various types of solar mounting structures, customized as per the unique requirement of each client.

The structures are optimized to ensure minimum weight (kg) /watt for quick delivery and installation. The fabricated products are hot dip galvanized to a thickness depending on the corrosive nature of the project location.



ROOFTOP MOUNTING STRUCTURES

A photograph showing solar panels installed on a flat rooftop. The panels are mounted on a metal structure, and a white vent pipe is visible in the background.

SEASONAL TILT STRUCTURES

A photograph showing solar panels mounted on a structure that allows them to be tilted at different angles. The panels are currently tilted at a steep angle, and the background shows a grassy field.

SINGLE POLE MOUNTED STRUCTURES

A photograph showing solar panels mounted on a single pole structure. The panels are tilted at an angle, and the background shows a grassy field.

GROUND-MOUNTED STRUCTURES

A photograph showing solar panels mounted on a ground-mounted structure. The panels are tilted at an angle, and the background shows a grassy field.



ROOFTOP MOUNTING STRUCTURES

Ideal for residential, commercial, and industrial rooftops, where ground space is limited.

BSIL provides excellent design, which are lightweight, economical, easy to install, and minimizes roof penetration. The structure ensures easy installation and maximum utilization of roof spaces. Perfect to suit different roof types like flat, sloped, metal, tile, etc.



GROUND-MOUNTED STRUCTURES

Ideal for utility-scale solar farms, large commercial projects, and agricultural fields.

BSIL provides state of the art ground based module mounting structures which can be quickly delivered and are easy to install Photovoltaic panels even on mountainous and rough terrain.



SINGLE POLE MOUNTED STRUCTURES

Ideal for rural, residential, small commercial setups, and off-grid locations.

Panels are mounted on poles anchored to the ground, allowing them to be elevated above ground level.



SEASONAL TILT STRUCTURES

BSIL provides its technologically advanced Seasonal Tilt Solar Mounting Structure, which are the low cost alternative to tracker systems which facilitates the change in tilt angle to maximize the total annual incident irradiation and total annual energy yield.

THE BSIL ADVANTAGE



Strategic Location: Bundelkhand Solar Region in UP

In House Galvanizing Unit - 7 mtr & 3.5 mtr Zinc Kettle

In House Coil Slitting, Bending, Shearing Machine Facility

10 years of experience in Power Transmission, Telecom Tower Structure

Vast Plant Space – Ready for Future Expansion

Abundant Raw Material - TATA, JSW, SAIL stock yard in vicinity

Technologically Advanced - Fully Integrated ERP System for Best Efficiency

In House Research & Development Team

Excellent road & rail connectivity Via Bundelkhand Expressway & Jhansi station

On Time Delivery & Best Competitive Rates in the market



	Number	Customer number	Customer name	Status	Product status	Order status	Payment status	
Total								
1	CO00083	CU00020	New York Steel	Ready for dispatch	Not received	Not received	Not received	
2	CO00087	CU00020	Farman Alloy	Ready for dispatch	Not received	Not received	Not received	
3	CO00089	CU00020	Farman Alloy	Ready for dispatch	Not received	Not received	Not received	
4	CO00090	CU00020	Farman Alloy	Ready for dispatch	Not received	Not received	Not received	
5	CO00090	CU00020	New York Steel	Quotation	Not received	Not received	Not received	
6	CO00099	CU00020	Farman Alloy	Confirmed	Not received	Not received	Not received	
7	CO00099	CU00020	Farman Alloy	Waiting for confirmation	Not received	Not received	Not received	



- ➔ BSIL brings together global technology expertise, high class infrastructure, highly trained manpower to provide the best solar module mounting structures for its customers.
- ➔ 250 mm Automatic C-Z Purlin Roll Forming line with pre-punching option capable of producing 12000 MT per annum Hot-Dip Galvanized & Pre-Galvanized Sheet based various profiles like 'C', 'Z', etc
- ➔ Coil Slitting Machine to slit multi thickness coils into required widths.
- ➔ 2 Hot Dip Galvanization tanks of 7 meter & 3.5 meter length enables us to achieve uniform Zinc coating.
- ➔ EOT Cranes , Shearing, Bending Machines
- ➔ Well Equipped Fabrication shop to fabricate 25000 MT structure per annum using mechanical & hydraulic press machines, shearing machines, MIG/PUG/ARC welding machines, etc
- ➔ 24 Hrs. working to execute all orders on time.
- ➔ Highly Sophisticated Design Department, Chemical & Mechanical Lab with all latest testing equipments.



OUR LEGACY



Global Smelter Limited

Is our tower division company which has a 10-year legacy & expertise in manufacturing of Hot Dip Galvanized Tower Structures for Power Transmission & Distribution, Substations, Railway Electrification, Telecommunication, Rural Electrification, Pipe Structures, Solar Module Mounting Structures, etc. This makes us the perfect partner for high precision designing, engineering, Steel Fabrication & Galvanization.

Our experienced team is equipped with resources to deliver high-quality custom transmission towers up to 765KV. Our state-of-the-art infrastructure ensures precision in production, eliminating site mismatches.

Global Smelter Limited is strategically located in the industrial belt of Unnao (40 KM from Lucknow & 30 KM from Kanpur on Kanpur-Lucknow Highway).



OUR ESTEEMED CUSTOMERS



BSNL



SIEMENS



**indus
TOWERS**



पावरग्रिड



KEI
Wires & Cables

STERLING & WILSON



KALPA-TARU®

STAMBH

JAKSON

AMTEK
DRIVEN BY EXCELLENCE



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