



SURYA

TMT • ANGLE • CHANNEL

SUPER STRONG. LASTS LONG.

THE FUTURE IS STRONG

ABOUT SURYA STEEL

Surya Steel has firmly established itself in the TMT industry under the leadership of its parent company, Sunrise Electromelt Private Limited which has been in the business since 1994. Surya Steel is a supreme manufacturer of FE500, FE550, and FE600 TMT bars. Our goal is to become the leading company in the steel industry in India known for its cutting edge approach, environmental ethics, and vocal for local initiatives.

Surya TMT Bars are produced at a whole new plant utilizing the latest state of the art technology. It's ultra-modern, fully automated plant which is the 2nd of its kind in India uses the latest technology that insures significant reduction in manual handling.

With its superior engineering, Surya Steel has successfully created a line of TMT products that offer an edge over all its competitors. You can confidently depend on us to create taller, bigger, longer-lasting, and environment-friendly structures that you will be proud of for years to come.

MISSION STATEMENT

To be the benchmark for excellence in the steel industry. Our Success in dual focus strategy, top-of-the-line service to our customers, and excellence in our operations.

PLANT FACILITIES

- ◆ Largest Range of Products under one roof.
- ◆ Automatic temperature controlled, three zones, double row reheating furnace with automatic discharge
- ◆ Modern testing lab with latest instruments for Tensile test, Proof stress Test, Elongation Test, Bend-rebend testing and raw material test
- ◆ Ultramodern PLC controlled machines.
- ◆ Latest rolling plant with an optimum mix of speed and cycle time to ensure all physical properties as per standards.
- ◆ Ultra modern and optimum mix of DC drives & AC drives in the production process. Well equipped laboratory with latest Lab tools & machines.

QUALITY

SUNRISE ELECTROMELT LIMITED. We have an exceptional mix of quality resource assets and a combination of automated and manual units which allows us versatility in operations, an increased production capacity, and product consistency. To ensure consistently high quality in our products and our services, we have a team of quality assurance professionals who vigilantly monitor the production process. In accordance with our quality assurance policy which conforms to ISO 9001:2008, routine testing is carried out, for raw materials and finished products in the material testing laboratories, which are equipped with chemical and mechanical testing capabilities, enabling us to conform to the steel quality standards.



***ULTIMATE CARE IN
PRODUCTS WE DELIVER***

ABOUT SURYA TMT BAR

Thermo Mechanically Treated Steel, also known as TMT Steel, is the most desired material for reinforcement bars in construction. It has high corrosion resistance and exhibits better properties than other steel bars. They are much stronger than CTD (Cold, Twisted, and Deformed) bars, giving any concrete structure 20% more strength.

TMT bars come in different grades that include FE500/550/600 & are used, depending on the type of infrastructure project.

Surya TMT Bars are produced utilizing the latest state of the art technology. Its ultra-modern, fully automated plant which is 2nd of its kind in India that reduces manual handling significantly.



ABOUT STRUCTURED STEEL

Structural steel is a versatile type of carbon steel and is mainly used for construction purposes. These include common shapes like the I beam, Angles, Channels, and Tee Sections which are highly used in construction materials.

Sunrise Electromelt produces high-quality hot rolled steel products such as angles and channels under the Structured Steel section.

Angles are L-shaped structural steel with consistent dimensions on both sides. We produce durable and high-strength steel angles.

Channels are right angled "C" sections. Most commonly known as C Channels. They are best suited for use in small and medium-sized buildings to give structural support.

THE BENEFITS OF SURYA STRUCTURED STEEL ARE:



Quality



Tenacity



Adaptability



Heat Resistant



Elongation



Retraction



Rigidity



Corrosion Resistant

Our Structured steel has superior mechanical properties and is extremely easy to weld, drill, and cut to meet the specific needs of each construction.

Our structured steel Angles and Channels of various sizes are available at your nearest Surya Steel dealer.

SURYA TMT BARS

Bar Dia in MM	ISI Standards Nominal Weight Kg./Mtr.	Tolerance Limit as per BIS in KG./Mtr.	SURYA STEEL TMT Tolerance Limit as per Kg./Mtr.	No. of Pieces per Bundle		Weight per Bundle Kg.	
				40 FT	40 FT	40 FT	40 FT
8	0.305	0.367 - 0.423	0.367 - 0.395	10		4.11+2	
10	0.617	0.574 - 0.660	0.574 - 0.617	7		50+2	
12	0.888	0.844 - 0.932	0.844 - 0.888	5		50+2	
16	1.580	1.500 - 1.650	1.500 - 1.580	3		52+2	
20	2.470	2.395 - 2.544	2.395 - 2.470	2		56+2	
25	3.850	3.730 - 3.965	3.730 - 3.850	1		45+2	
32	6.310	6.212 - 6.494	6.212 - 6.310	1		75+2	

FLATS

Flats	WT/18' (in kgs)
25x5	05.50
25x6	06.50
32x5	07.10
32x6	08.20
40x3	05.20
40x5	10.50
40x6	13.80
40x10	17.00
40x12	20.50
50x3	06.50
50x5	11.00
50x6	13.10
50x8	17.00
50x10	21.00
50x12	25.00
65x6	17.00
65x8	23.00
65x10	28.00
65x12	33.00
75x6	20.00
75x8	25.00
75x10	32.00
75x12	40.00
100x6	25.00
100x8	34.00
100x10	43.00
100x12	50.00

ANGLES

Angles	WT/18' (in kgs)
20x20x3	04.50
25x25x3	05.40
25x25x5	08.50
25x25x6	10.00
32x32x3	07.40
37x37x3	09.00
35x35x5	14.00
35x35x6	16.50
40x40x4	13.00
40x40x5	16.00
40x40x6	19.00
45x45x5	18.00
50x50x4	16.50
50x50x5	20.00
50x50x6	24.00
65x65x4	21.50
65x65x5	27.00
65x65x6	32.00
65x65x8	42.00
75x75x5	31.00
75x75x6	37.00
75x75x8	48.00

SURYA SQUARE BARS

Square Bars	WT/20' (in kgs)
10 x 10	03.80
12 x 12	05.50
16 x 16	10.50

SURYA ROUND BARS

Round Bars	WT/20' (in kgs)
10mm	03.80
12mm	05.50
16mm	10.50
20mm	14.50
25mm	23.00

CHANNELS

Channels	WT/18' (in kgs)
70 X 35	24.00
75 X 40L	29.00
75 X 40H	34.00
100 X 50	49.00

I-BEAMS

I-Beams	WT/18' (in kgs)
100 X 50	29.00
100 X 60	36.00
125 X 65	72.00
150 X 75	82.00

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