



SHYAMTM
METALICS
ORE TO METAL



SELTM

STRUCTURAL STEEL

GROWTH STORY OF INFRASTRUCTURE IN INDIA

India being one of the most promising countries in the world is continuously coming up with different plans and innovations. Unlike the conventional 'slow and steady' approach, the Indian Policy makers now have opted for a big bang approach, which in turn has paid India rich dividends in the recent past. Being in the middle of expansion, it might lead as one of the three largest economies in the world. India has traditionally been one of the major producers of steel in the world. To be at par with the changing situation, we have set a vision to make the country economically developed. With high potential and stringent quality of products, we aim to set an example in the new developing India. We are focusing on technological improvements and product developments through our continuous R & D. With the growth in economy and industrial development we have helped immensely to serve the increasing steel demand in the country.

Advantage of SEL Structural Steel

Wide Range: Widest product range available in 'SEL STRUCTURALS', lending more flexibility to designers and a more cost-effective option for project owners.

Exceptional Sectional Properties: Better sectional properties of conventional tapered large beams leading to efficient design and lower steel usage. Availability of high-tensile steel grades enables designers / users to further cut on steel tonnage.

Higher Load Carrying Capacity: Exhibits higher load-carrying capacity in sections under direct compression (when used as columns) owing to their higher radius of gyration values about 'y-y' axis and reduced slenderness ratio of beams, thus increasing stress-bearing limits.

Faster Constructions: Simpler direct bolting of connections of flanges possible, with taper washer.

Ease to Design: Enables complex design and fabrication in high volumes because of the inherent functional advantages of sections.

Structural steel beams and channels are the building blocks for various structural steel frameworks.

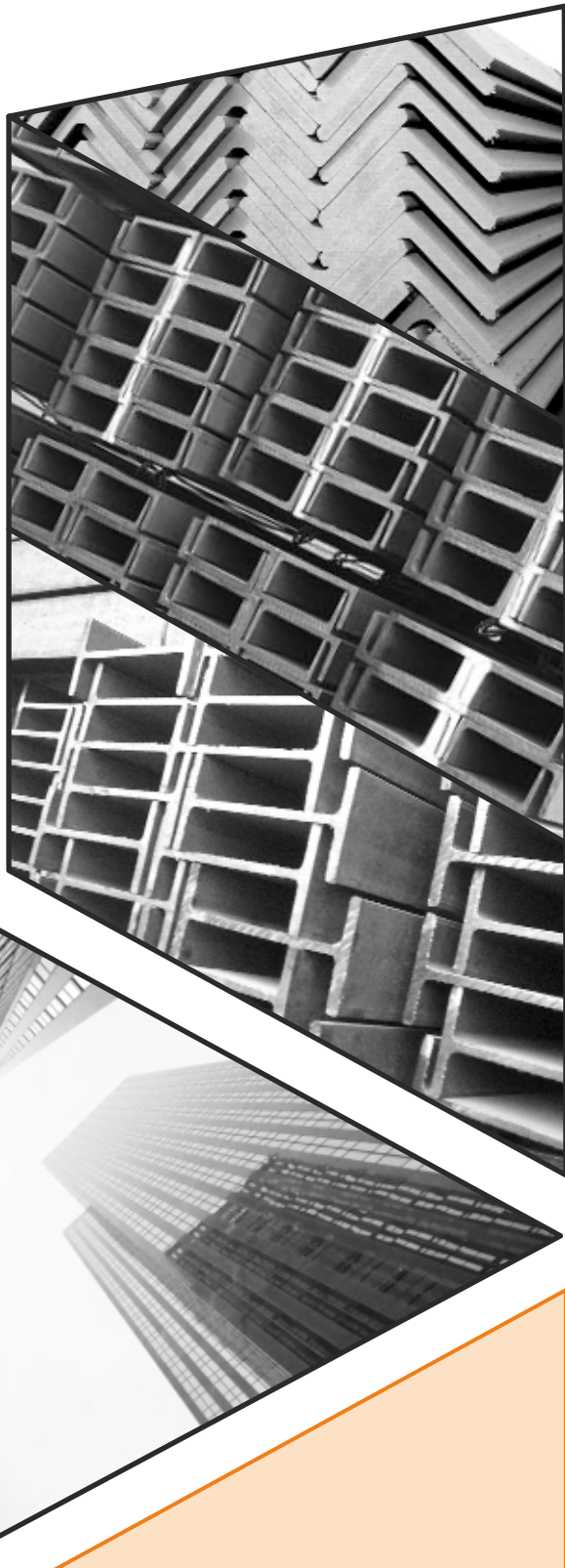
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SEL STRUCTURALS

Structurals describe hot rolled steel products such as angles, channels and beams. An integral part of infrastructural building, they give shape and strength to buildings, bridges, transmission line towers, industrial sheets and other structures. Apart from standard dimensions, customized products can also be rolled for specific applications, economically and quickly. Our forte lies in rolling customer specific products at low costs. To ensure quality, samples are tested, for chemical and mechanical properties before a batch is cleared for dispatch. Most stringent manual inspection, testing process and building is done to suit the user's requirements and enable ease of erection at site.

Availability of raw materials from in house production enables economies that eventually benefit the customer.

Shyam SEL offers an array of products meeting the requirements of the customers. Through our world class products and services we aim to be one of the best steel manufacturers in the country.



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Product Range for Jamuria

ANGLES

DIMENSION (mm)	SECTIONAL Wt (Kg / Mtr)
90 x 90 x 6 / 8 / 10 / 12	8.2 / 10.8 / 13.4 / 15.8
100 x 100 x 6 / 8 / 10 / 12	9.2 / 12.1 / 14.9 / 17.7

CHANNELS

DIMENSION (mm)	SECTIONAL Wt (Kg / Mtr)
100 x 50	09.560
125 x 65	13.100
150 x 75	16.800
200 x 75	22.300
250 x 82	34.200

BEAM

DIMENSION (mm)	SECTIONAL Wt (Kg / Mtr)
125 x 70 x 5	13.5
150 x 75 x 5	15.0
200 x 100 x 5.7	24.2
250 x 125 x 6.9	37.3

Product Range for Sambalpur

ANGLES

DIMENSION (mm)	SECTIONAL Wt (Kg / Mtr)
50 x 50 x 3 / 4 / 5 / 6	2.3 / 3.0 / 3.8 / 4.5
65 x 65 x 4 / 5 / 6 / 8	4.0 / 4.9 / 5.8 / 7.7
75 x 75 x 5 / 6 / 8 / 10	5.7 / 6.8 / 8.9 / 11.0
90 x 90 x 6 / 8 / 10 / 12	8.2 / 10.8 / 13.4 / 15.8

CHANNELS

DIMENSION (mm)	SECTIONAL Wt (Kg / Mtr)
75 x 40	07.140
100 x 50	09.560
125 x 65	13.100
150 x 75	16.800
200 x 75	22.300
250 x 82	34.200

BEAM

DIMENSION (mm)	SECTIONAL Wt (Kg / Mtr)
150 x 75 x 5	15.0
200 x 100 x 5.7	24.2
250 x 125 x 6.9	37.3

STRUCTURALS

Apart from standard dimension, customized products can also be rolled out economically and quickly.

- Common grades : As per IS 2062 : 2011
- Dimensional Tolerance : As per IS 808 : 1989
- Rolling and cutting tolerance :
As per IS 1852 : 1985
- Medium & lighter structurals are also being produced at our other units. Kindly refer our website for the entire range.

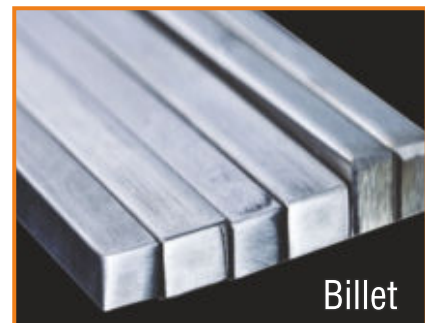


Our 43 MW and 18 MW **Power Plant**.
And 30 MW **Power Plant** commissioning shortly



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 an **INTEGRATED**
steel plant product



www.shyammetalics.com

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Rengali (Dist.: Sambalpur, Odisha)

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OUR ESTEEMED CLIENTS

