

## Hot Rolled Steel Bars



Furnace • Rolling • Annealing



## Company History

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We had our humble beginnings in the steel trade in 1967, when our group founder Sri Joginder Pal Gupta Ji started trading of plates, skelps, HR coils and steel rounds of Steel Authority of India (SAIL).

In 1970, we expanded our operations by adding hammers to manufacture steel forgings. In 1978, we installed rolling mills and started manufacturing round bars.

From 1987 we added furnaces and started making ingots/billets in-house for our own rolling mill consumption. We added more furnaces and rolling mills after 1995.

Now we have moved into manufacturing specialized steels. We have been reputed manufacturers and suppliers to all types of industry in Northern India since the 1970s.



## Vision

“High steel consumption is a marker of a developed nation. India in the 21st century is ambitious and wants to become a sustainable developed nation. To that end, it has set various goals like becoming a \$5 trillion economy and producing 300 Million Metric Tonnes of steel by 2030. Our vision is to play our part in helping India reach these goals.”

## Mission

“We are expert steelmakers with more than 50 years of experience. Our goal is to excel as manufacturers and contribute towards the development of India and its people. Through our work, we aim to provide best in class quality and services to our clients, and together play our part in making India a developed nation by helping build world class infrastructure and equipment. We affirm our faith in democratic values and human welfare.”

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राष्ट्रवैवाचकं राष्ट्रलोककालं  
वसुधैव कुम्भकम्  
(the world is one family)



इस्पात मंत्रालय  
MINISTRY OF  
STEEL

सत्यमेव जयते



329

## In House Rolling



HEX  
20 – 40 mm



RCS  
52, 55, 63, 75,  
90, 100, 110

ROUNDS  
17 mm – 110 mm

We produce steel through Induction Furnace route. Input sizes as follows:

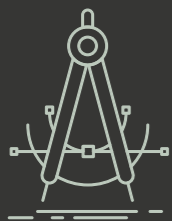
4" x 5"  
4 1/2" x 5"  
4 1/2" x 5 1/2"  
5 1/2" x 6 1/2"  
7" x 8"  
9" x 10"

Annealing Facility Available

## Steel Grades

- Plain Carbon (Low Carbon, Medium Carbon & High Carbon)
- High Manganese
- Chrome
- Chrome Manganese
- Chrome-Moly
- Chrome-Nickel-Moly
- Chrome-Nickel
- Case Hardening & Through
- Hardening Steels
- Ball Bearing Steels
- Cold Heading Quality (CHQ) Steels
- D-3, H-13, AISI-410

Any other customized grade can be made as per requirements.



Precision Engineered



# Quality parameters

- Quality parameters
- Hot tops used with ingots to prevent piping
- 100% grinding of ingots to ensure defect-free surface
- Proper temperature-controlled rolling
- De-scaling of re-heated ingots prior to rolling
- Stacked cooling in pit to ensure proper hardness
- 100% physical inspection of bars
- Full UTI of every bar
- Heat-wise stacking and colour coding
- Spark test and XRF gun test to avoid mix-up
- Pickling Test to check for surface defects, if any
- Upsetting Test to check performance of bars under forging
- Step-Down Test to check internal defects, if any
- Hardness measurement of samples from every heat
- UTM Test to measure tensile strength of bars
- Jominy End-Quench Test to ensure hardenability as per customer requirements
- Conformation to IS, ASTM, SAE, AISI and other standards
- MPI testing facility

Approved by



International Tractors Ltd.  
(Sonalika)

Upcoming Approval



Eicher



**MS** MAHALUXMI  
STEELS

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