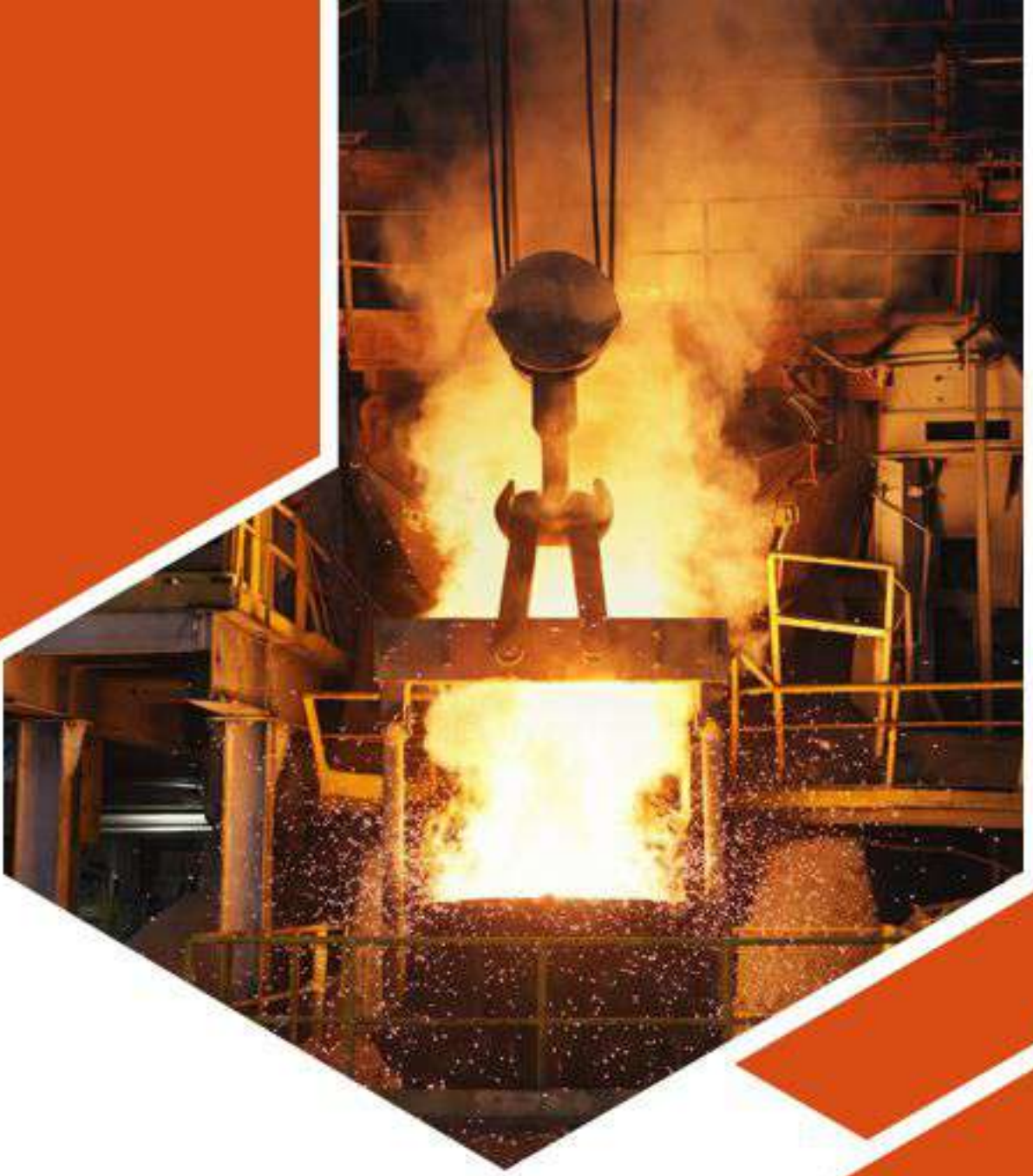




**ARJAN DA SS
& SONS PVT. LTD.**
since 1957

**Where
Steel Is Life**

was established in

1957



COMPANY PROFILE

Arjan Dass and Sons Pvt. Ltd. was established in 1957 by late Shri Arjan Dass Agarwal.

This legacy was carried forward by Shri Inder Kumar Agarwal, son of Shri Arjan Dass Agarwal, a pioneer in the steel industry in eastern India, from its humble Origins as a small trading concern, Arjan Dass & Sons has grown into a fully integrated manufacturing facility and is one of the leading, importers, exporters and suppliers of steel in eastern India under the leadership of Mr. Sandip Kumar Agarwal. Constant updates in production and steel quality is the hallmark of our company.

We deal in an extensive range of products and grades in carbon steel, alloy steel and tool steel as per IS/DIN/IS/ISO/AISI/BS/ANS specifications. In addition to the vast range of products, our strength lies in making customized special steels as per our customer's requirements.

MISSION

To supply high-quality steel products and related services to our clients while committing to ethical business practices.

VISION

Arjan Dass strives to become a one-stop shop for everything related to steel and we aspire to meet the needs and wants of every customer.

COMPANY CORE VALUES

Integrity: We believe in doing the right thing always and maintain the highest standards with our customers, employees, team members and communities.

Commitment: We value open and honest communication and keep our word in all transactions.

Excellence: We strive to give our best in maintaining the highest quality of our products and long-lasting relationships with our suppliers and customers.

At Arjan Dass, Steel is life and we nurture it as such.

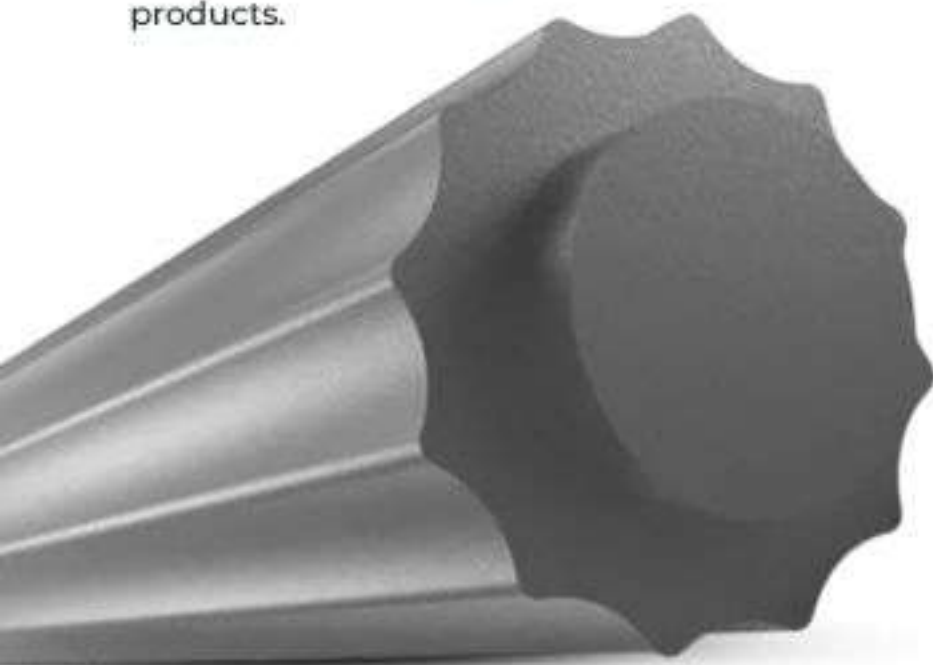
WHY ARJAN DASS?

Arjan Dass was the pioneer in steel trade and manufacturing in eastern India. The 65 years of experience and overcoming big challenges since the inception gives us unparalleled expertise in the steel industry.

Three generations have shaped the company into a forward-looking enterprise that can discern future trends and meet the needs of users through superior design, engineering and quality manufacturing process.

We have a Pan-India presence which is realized by an integrated sales and marketing team and the support of efficient logistics.

We use only the highest quality of raw materials to manufacture our products.



QUALITY CONTROL

Chemical Laboratory: Fully Equipped with the most cutting edge technology. We have an advanced spectrometer from Germany and weight analysis system. Samples of every heat of raw materials and finished products is thoroughly analyzed before further processing.

Inspection Section: Maintains rigid standards on production at all stage of manufacturing and it is equipped with Brinell hardness testing machine and spectro testing facilities at all stages.

Mechanical Testing Section: Carry routine and special tests of all products at various stages of manufacturing with the help of elaborate testing and other facilities like Tensile Testing machines, metallurgical microscopes, testing machines, magna flux, test piece machine and grinders.

Clean Steel: Manufacturing of steel with with very low content of impurity elements such as phosphorus, sulfur, total oxygen, nitrogen, hydrogen, residual elements (Cu, Pb, Zn, Ni, Cr, Bi, Sn, Sb) and inclusions. Our Vacuum Degassing Unit reduces detrimental dissolved gases especially hydrogen, nitrogen and oxygen, reduces dissolved carbon to improve ductility; and promotes preferential oxidation of dissolved carbon over chromium when refining stainless steel grades.

Hot Top: Special Quality Exothermic Hot Tops Used Outsourced From Pune & Jamshedpur.



ENVIRONMENT SENSITIVE

We operate well within the prescribed standards/ norms in respect of air, water and noise pollution as well as solid waste generalization and utilization. This is done through:

- Installation of pollution control devices such as Cyclone Separator and Bag Filter.
- Periodical technological upgradation to reduce energy consumption.
- Maintenance of a green plant cover in and around factories.
- Harvesting of rain water.
- Slag recycling and utilization.

SOURCING RAW MATERIALS

Steel Scrap: We import high-quality scrap from US, UK, Australia.

In India, we buy from SAIL, TATA steel, JMT, Ram Krishna Forging Ltd., Steel Strips Wheels LTD etc.

Ferro Alloys: Ferro Alloy is sourced from ESSAL Mining, Surya Alloys, Visa Steel, Lalwani Fero Alloys, Manipal Fero Alloys in India. We also Purchase through Kothari Metals Ltd.

Sponge Iron: Rashmi Ispat, Rashmi Cement, etc.



MANUFACTURING FACILITY

We have a fully integrated manufacturing facility including:

Steel Melting Shop: Electric Furnace 8 Tons

Vacuum Degassing Plant: 15 Tons Capacity

Upcomming Projects

Bar Rolling Mill

Heat Treatment & Finishing Shop

Conditioning Shop

Forge Shop

Metallurgical Division & Inspection

Our Process Flowchart

Scrap Charging In Induction Furnace



Hot Metal Casting In Induction Furnace



ladle casting



vaccuum deggasing process



Final Ladle Casting In Ingots



PRODUCTS

Steel Ingots: We have the following mould sizes and we keep adding according to customer's requirements.

3 x 4	7 x 8	13 x 16	23 x 26
3.5 x 4.5	9 x 10	14 x 17	M5
4 x 5	10.5 x 12.5	16 x 19	M6
5.5 x 6.5	12 x 15	19 x 21	Slab Mould

Sections: All standard grades can be produced in the sizes mentioned below.

Types	Size Range
Rounds	10 mm to 100 mm
Flats	Thickness: 4 mm to 80 mm Width: 20 mm to 250 mm
Hexagon	10 mm to 80 mm
Squares	14 mm to 65 mm

Forged Products: All standard grades can be forged in the sizes mentioned below.

Types	Size Range
Rounds	50 mm to 300 mm
Flats	Max width: 600 mm Max weight: 2000 kg
Discs	Max diameter: 1000 mm

STANDARD GRADES

Grade Type	Grades
Shock Resisting	SR4
Hot Work Tool Steel	H11, H13, H21, D3
Cold Work Tool	CW1, CW2, DC53, D2
Carbon Tool Steel	CTS1, CTS2, CTS3, CTS4
Die Block Steel	DB6
Austenitic Stainless Steel	304, 316, 310
Martensitic Stainless Steel	409, 410, 420, 431
Ball Bearing Steel	AISI52100, EN31
Carbon Constructional Steel	Class I, Class II, Class III, Class IV, EN3A, EN8, EN9, CK45, AISI1035, 1040, 1050
Alloy Constructional Steel	EN15, EN 15, EN17, EN18, EN19, EN24, EN25, EN29B, EN100, EN110, EN111
Case Hardening Steel	15Cr3, 16MnCr5, 20MnCr5, 17CrNiMo6, EN32B, EN39B, EN53, EN354, EN355, SAE4320, SAE8620
Nitriding Steel	EN40A, EN40B, EN40C, EN41A, EN41B
Spring Steel	55S17, 50CRV2, EN42, EN43, EN45A, EN47, 48SUP-7



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since 1957



📍 Barjora Plasto Steel park, Phase -II, Plot M, P.O.
Ghutgoria

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