



STEEL

INNOVATION

WHO WE ARE

Building World Class Brands For Over 6 Decades



Mr. Brijmohan Lall Munjal

"Hero", the brand name symbolizing the steely ambition of the Munjal Brothers, came into being in the year 1956. From a modest manufacturer of bicycle components in the early 1940s to the world's largest bicycle manufacturer today, the odyssey was fuelled by one vision - to build long-lasting relationships with everyone.



Mr. Sunil Kant Munjal

Hero Enterprise is the new avatar of Hero Corporate Service, which came into being in 2016, following a need to give new direction to Brand Hero.

Hero Enterprise. Ltd is chaired by Sunil Kant Munjal, the youngest son of Hero Group Chairman BML Munjal, who has interests in steel-making , insurance distribution, real estate and corporate



Ms. Shefali Munjal

Ms. Shefali Munjal is a dynamic young business leader, social entrepreneur and a philanthropist. Besides sustaining the growth of Hero Enterprise companies/firms, Ms. Munjal is involved in developing futuristic and sustainable businesses that are profitable and socially meaningful and in also nurturing entrepreneurs with

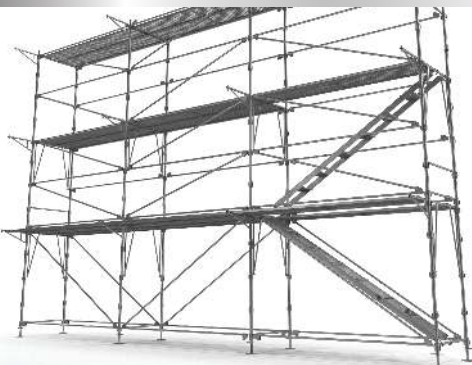


WHAT WE DO

Making Steel For (Applications)

Auto Components
Bicycle Components
Compressors Shell
ERW & CDW
Radiator Fins
Motor Stampings

File Clips
Staplers
Cages & Rings
Harvester Blades
Harrow Discs
Chain Plates/link
Ultra Light Strength (up to 600 MPa UTS)



HOW WE DO IT



Adaptation of the Best Practices

We have the experience of working with world-class automotive companies like Hero Moto Corp, Honda, and Tata Motors and their ancillaries like Rockman, Satyam IFM Automotive, Freudenberg, TIDC, FCC, etc.

We have adapted the best values and practices such as just-in-time inventory and mastered them in our ventures.

High-Quality Products

At Hero steels, the spirit to manufacture outstanding products and to manage the perfect balance of fine quality and engineering satisfaction is embedded deep in the DNA.

Customized Solutions

In Hero Steels Limited, we cater to a wide range of grades and thicknesses, both for the CRCA & ERW. This product diversity helps us in catering to novel needs of the businesses and creating solutions tailored to their specific needs.

Experienced Manpower

With a strong foundation of highly experienced professionals, and a team consisting of diverse backgrounds, we have built strong quality systems and value-based business philosophy.

PROCESS & MANAGEMENT

CRCA & HROP



HR Slitter

HR slitting line cuts the rough edges of the HR coils, slitting it into narrower widths.



Pickling

Removes ferrous scale from the surface of HR Coils

The pickling line uses three acid tanks and three rinse tanks

A Hot air Blower at the end dries off the excess water on the strip



Cold Rolled Slitters

Used to customize width of strips to cater to the diversified needs of customers

Equipped with electrostatic oiling spray



Skin Passing

Skin Passing removes stretcher strain or Luder Lines.

It provides desired finishes such as Matt, Bright on the strip surface

Imparts flatness to the strip



Annealing

Process of heating, soaking and controlled cooling of coils in a non-oxidizing atmosphere

Annealing is done in 100% Hydrogen atmosphere for clean and bright



Cut to Length

Cuts the Cold Rolled steel strips into sheets of length & width required by customer



6-Hi & 4-Hi Rolling Mills

The pickled HR coil is cold rolled to the required thickness

The 6-Hi mill has automatic gauge control, pass schedule storage and Auto Slow Down (ASD)

The mills deliver flat strip shape, minimized edge drops and thinner gauges

Grade	Description
D	DFH-Full Hard quality (Produced by heavy cold rolling)
D	DHH-Half Hard quality (Produced by cold rolling followed by annealing and further cold rolling)
D	DQH-Quarter Hard quality (Produced by cold rolling followed by annealing and further cold rolling)
D	DSP-Skin pass.quality (Produced by light cold rolling after annealing)
D/SPCC/St-12/CR2	D soft-Drawing quality
DD/SPCD/St-13/CR3	Deep Drawing quality
EDD/SPCE / St-14/CR4	Extra Deep Drawing quality
IF/CR5	Extra Deep Drawing quality (Interstitial free grade)
SPCS	D-Hot Rolled, Pickle, skinpassed & Oil
SPCG	EDD-Hot Rolled, Pickle, Skinpassed & Oil
SAPH340/ SPFC340/SPC340	High Tensile
SAPH370/ SPFC370/SPC370	High Tensile
SAPH390/SPFC390 / SPC390	High Tensile
St-42	High Tensile
SAPH440/SPFC440/SPC440	High Tensile
SPFH490/ SPFC490/SPC490	High Tensile
K3/ C-20	High Tensile (C%: 0.20)
MC-11/C-40	Medium Carbon (Final annealing process)
MC-11/C-40	Medium Carbon (Produced by cold rolling followed by annealing and further cold rolling)
MC-12/C-55	Medium Carbon (Final annealing process)
MC-12/C-55	Medium Carbon (Produced by cold rolling followed by annealing and further cold rolling)
C-62	Medium Carbon (Final annealing process)
C-62	Medium Carbon (Produced by cold rolling followed by annealing and further cold rolling)
HC-14/C-80	High Carbon (Final annealing process)
HC-14/C-80	High Carbon (Produced by cold rolling followed by annealing and further cold rolling)

Grade Wise Capability						
Grades	D/DD/EDD	SAPH340- SPFH590 (CR/HROP)	HROP (Other C40/C45		C55 / C62 / C80 IF	
Thickness	0.40-3.60 mm	0.60-4.50 mm	12.00-6.0 mm	0.40-4.0 mm	0.5 - 4.00 mm	0.7 - 1.4mm
Width	12-760 mm	12-760 mm	60-760 mm	12-550 mm	12 - 550mm	12 - 760mm
Finish	Bright/Matt	Bright/Matt	Bright/Matt	Bright/Matt	Bright/Matt	Bright/Matt
Shape	Coil/Sheet	Coil/Sheet	Coil/Sheet	Coil/Sheet	Coil/Sheet	Coil/Sheet

ERW



ERW Plant Capability CRCA & HROP - OD Thickness Matrix

TUBE SIZE			LENGTH (IN MM)		Thickness
SR. No.	DIAMETER (MM)	SECTION/OVAL	MIN.	MAX.	mm
1	12.7		100	6000	0.5 – 1.60mm
2	15.88		100	6000	0.5 – 2.00mm
3	18.5		100	6000	0.7 - 2.00mm
4	19.05		100	6000	0.5 – 2.50mm
5	22.23		100	6000	0.6 – 2.50mm
6	23.42		100	6000	0.6 – 3.00mm
7	25.4	20X20	100	6000	0.6 – 3.0 mm
8	28.58		100	6000	0.7 - 3.2 mm
9	31.75	25X25,30X20	100	6000	0.7 – 3.2mm
10	33.7		90	6000	0.7 - 3.2 mm
11	34.93		100	6000	0.8 – 3.2mm
12	38.1	30X30	100	6000	0.8 – 3.2mm
13	40		100	6000	1.00 – 3.2mm
13	44.45		100	6000	1.00 – 3.2mm
14	50.8	OVAL 65.80X31.50	100	6000	1.20 – 3.2mm

Tubes can be processed in customer specific length, chamfered and also at taper cutting by state of the art SOCO Machine, Taiwan.

All types of testing facilities : Universal Testing machine (digital), Extensiometer, Hardness tester, Bending Machine, Spectrometer etc.

SALIENT FEATURES

The **cold saw flying cutting machine** has capacity to cut the Online tubes within +/- 1.50 mm with straight end (90 Degree Clean cut).

Wire Brush Machine: To clean tube ends burr's thoroughly.

Micro Alloy Tube: Developed special grade High tensile strength tube which can achieve up to 20% weight/ thickness reduction and still making the tube more stronger in turn saves on cost and weigh reduction.

Internal Fin Cutting in Tube OD 19.05 mm and above.

QUALITY ASSURANCE

LABORATORY

Our laboratory is oriented to the needs of our customers: the different product analyses are designed that guarantee the highest quality and, of course, compliance with the specifications.

The “People-Product Paradigm” ensures a motivated work force for maintaining highest standards of skill and attitudes.

Equipment

Spectrometer
Metallurgical Microscope
Universal Testing Machine
Roughness Tester
Hardness Tester
Module R Bar drawability
Tester
Salt Spray Machine

Tests

Chemical Analysis
Study of Microstructure
Tensile Strength, Yield Strength,
Elongation and Bend Test
Ra Value
Hardness Measurement
R Bar value
To check effectiveness of rust preventive oil



PEOPLE AT HERO STEELS



VOICE OF CUSTOMERS

I have had a very good experience in all my dealings with Hero Steels Limited. Apart from high-quality material, the dimensions are well respected. Deadlines are met and deliveries mostly reach before the promised time. Only faced a few issues ever since, which were resolved by the team.



Mr. Harmanjeet Singh

MD - Navyug Namdhari Eco Drive PVT. LTD.



Being a major supplier of steel, HSL has been able to fulfill all our steel requirements without any issues. As far as the service is concerned, we have seen a quick response time whether it is about quality or delivery of the material. We always recommend Hero Steels Limited to fellow businesses.

Mr. Ashok Sharma

Manager - Production & Projects, Tata International

It has been a great experience doing business with you. We look forward to a long-term business relationship with you.



Mr. Vishal Bhatia

AGM -Supply Chain RM, Maruti Suzuki



We have been associated with Hero Steels Ltd. For the past four years now. They are a dependable supplier with capable infrastructure and a high quality mindset. All the best to Hero Steels for their expansion plans.

Mr. Sanjeev Jain

Head - Category Management, Havells

We, as sister concern of Berger Paints are producing metal container (tin can & CRCA draw) for our factories in Jammu, Sikandrabad, and Goa. We have been procuring CRCA material from Hero Steels since 2016. The business relationships with Hero Steels are very good as we are getting excellent customer support in terms of service, timely delivery, timely response, and quality is also very good. We are very happy in doing business with Hero Steels.



Mr. Abhijeet Sarkar

Vice President

Procurement, UK Paints & Seaward Packaging

AWARDS & CERTIFICATION



OUR ESTEEMED CUSTOMERS



Works Address

Hero Steels Limited, Hero Nagar

G.T. Road, Ludhiana – 141003, Punjab (INDIA)

Phone: +91-161-4080000

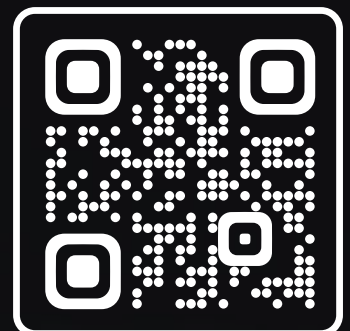
Branch Office

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