

Forging Strength, Connecting Futures

-Your trusted steel wires partner



ABOUT US :

Mahajan Engineering Works, located in Ludhiana, India, stands as the epitome of excellence in steel wire manufacturing, setting an industry-wide benchmark. Precision and excellence form the core of our operations. Our commitment to quality is evident in every stage, from sourcing premium raw materials to the intricate processes of drawing and annealing.

With an extensive range of grades including low carbon, CHQ, alloy steel, high carbon, card clothing and many more, our diverse portfolio caters to a wide array of sectors including infrastructure, Power & Transmission, automotive, precision fasteners, white goods industry, ball bearing industry, spring steel industry and general engineering industries.

We specialize in spheroidized annealing of alloy steel, tailoring our processes to meet the specific requirements of our customers. Our dedication to innovation and ongoing research and development fuels our quest for new solutions, ensuring we consistently exceed the expectations of our clients.

We proudly hold certifications including ISO 9001:2015, IATF 16949:2016, ISO 14001:2015, and ISO 45001:2018, demonstrating our unwavering commitment to quality and excellence.



INFRASTRUCTURE :

1. PICKLING AND COATING LINE:

At our facility, we house a fully equipped cleaning, pickling, and phosphating line featuring a lime and a borex bath. In response to our customers' preferences and requirements, we provide a range of tailored solutions aimed at achieving the ultimate surface finish.

Capacity: 90,000 MT per annum



2. ANNEALING :

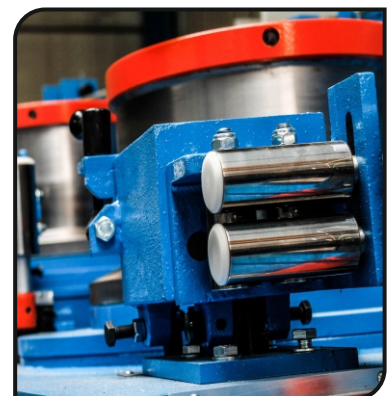
At our facility, perfection reigns. Our cutting-edge electric annealing furnaces ensure precise temperatures and atmospheres, surpassing industry standards. With our in-house nitrogen gas plant, we guarantee top-tier gas quality, ensuring an inert atmosphere free from decarburization. Leveraging our expertise, we have achieved rapid cycles for optimal spheroidization and consistent material properties.

Capacity: 35,000 MT per annum

3. DRAWING :

Equipped with state-of-the-art machinery such as Continuous Straight Line Machines, Wire Drawing Blocks, Bull Block Machines, Inverted Vertical Drawing Machines and Skin Pass Drawing systems, we ensure precision and efficiency in our production process. From 1 mm to 35 mm, we specialize in manufacturing a wide range of sizes to meet your specific needs.

Capacity: 90,000 MT per annum

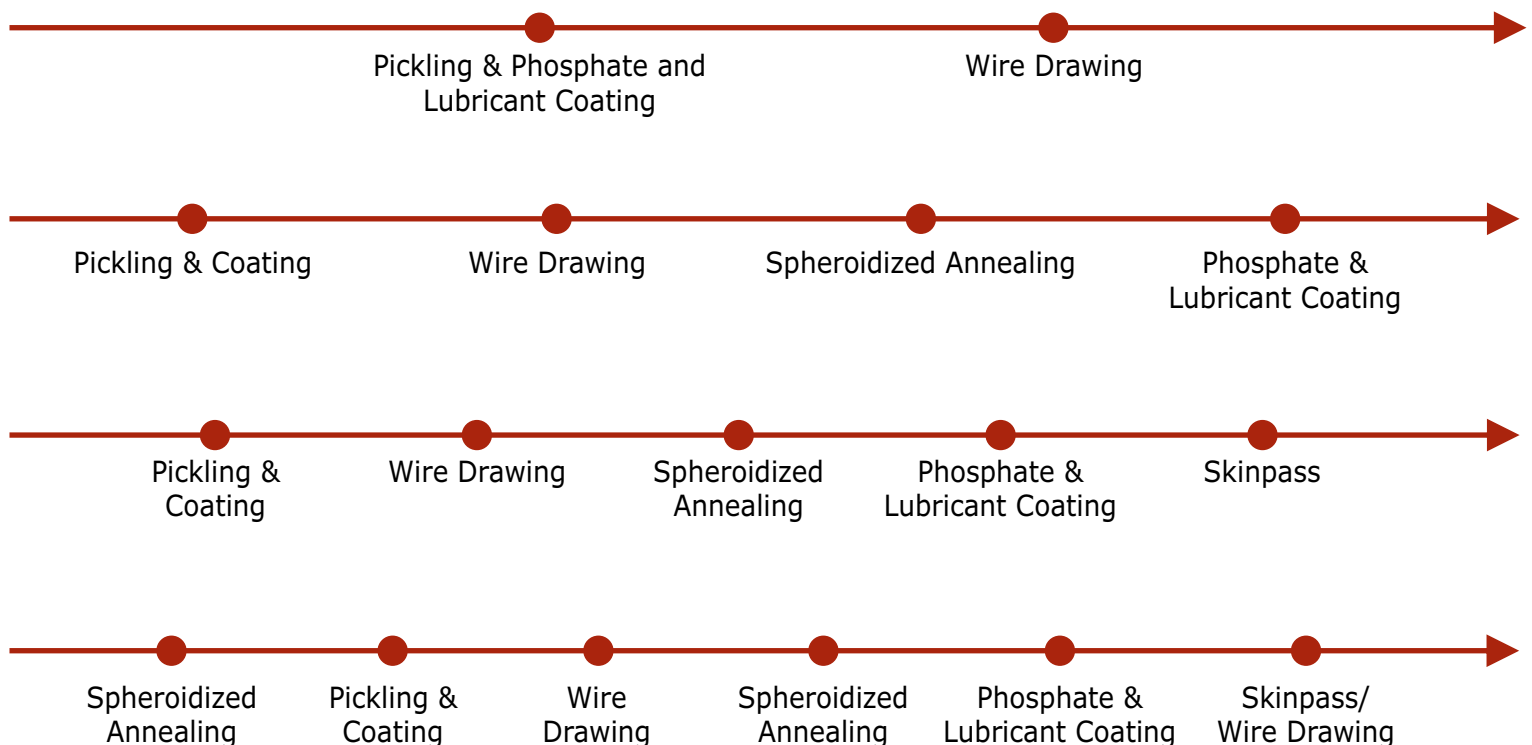


4. QA LAB :

Ensuring the utmost quality standards is paramount to us, and hence we have a state-of-the-art laboratory, featuring essential instruments like spectrometers and wet analysis tools for examining chemical compositions, Universal Tensile Testing Machines, Upset Test Machines, Elongation and RA test, Torsion & Bending Testing Machines, Rockwell Hardness Testing Machine, Micro Vickers Hardness for assessing mechanical properties of the material. Additionally, with metallurgical inspection microscopes, along with grinding & polishing machines, and moulding presses, we ensure the perfect micro structure as desired by our customers.



STEEL WIRE PROCESS :



PRODUCT RANGE :

- Cold Heading Quality (CHQ) Steel Wires
- Wires for Fastener Industry
- Electro Quality Steel Wire
- Wire for Automotive Chain Industry
- Alloy Steel Wires
- Low Carbon Wires
- Wires for Bearing Industry
- High Carbon Wires
- Spring Steel Wires
- Wires for General Engineering Purpose



FEW OF OUR VALUED CUSTOMERS :



**Sundram Fasteners
Limited**



TUBE INVESTMENTS OF INDIA LIMITED



New Swan

ROCKMAN

RENOLD
gardex



ATUL FASTENERS PVT. LTD.
Manufacturers and Exporters of Screws, Bolts, Nuts & Washers



MS BHOGAL N SONS

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