NIDHI STEEL
INDUSTRIES

SEAMLESS PRODUCTION
UNMATCHED QUALITY

YOUR TRUSTED INTEGRATED STEEL PARTNER



NIDHI STEEL INDUSTRIES

AN ISO 9001:2015 CERTIFIED COMPANY

MAKE IN INDIA GO GREEN स्वच्छ भारत एक कदम स्वच्छता की ओर

www.nidhisteelindustries.com

Quality is the

Reflection of Perfection



Who we are

Welcome to Nidhi Steel Industries

Nidhi Steel Industries, incorporated in 2009 as a partnership firm by Mr. Rajinder Kumar Singhi and Mr. Ramesh Kumar Singhi, has become one of the leading manufacturers, suppliers, and exporters of alloy and non-alloy round bars and flat bars, meeting various national and international standards.

With an installed capacity of producing 48,000 metric tons of steel products per year, we can fulfill any bulk order from our customers, ensuring they can carry out their projects hassle-free. Our plant is equipped with modern machinery for manufacturing, testing, and finishing the materials, and is supported by a motivated and dedicated team of staff and workers.

From

DIRECTOR'S DESK

At Nidhi Steel Industries, our journey since inception in 2009 has been driven by dedication, innovation, and excellence. Starting as a small partnership firm, we have grown into a renowned manufacturer, supplier, and exporter of high-quality alloy and non-alloy round bars and flat bars.

Our success is built on a strong foundation of commitment to quality, adherence to national and international standards, and an unwavering focus on customer satisfaction. With an installed production capacity of 48,000 metric tons per year, we are well-equipped to efficiently fulfill bulk orders, ensuring our customers' projects progress seamlessly.

What sets us apart is not only our advanced manufacturing facilities but also our team—our greatest asset. Supported by modern technology and stringent quality control processes, our dedicated workforce ensures that we consistently deliver excellence.

Warm Regards,
Mr. Rajinder & Mr. Ramesh Kumar Singhi
Director, Nidhi Steel Industries



Company

INFRASTRUCTURE

At Nidhi Steel Industries, we take pride in our state-of-the-art infrastructure, which forms the backbone of our manufacturing excellence. Our well-equipped facility enables us to produce 48,000M. T. of steel products annually, ensuring seamless production and timely delivery of high-quality steel products to our clients worldwide.

MANUFACTURING FACILITY

- High-Capacity Production: Engineered for efficiency, precision, and large-scale manufacturing.
- Advanced Machinery: Equipped with fully automated and semi-automated systems for smooth processing.
- High-Performance Furnaces: Providing uniform heating to ensure superior steel quality.
- Dedicated Workstations: Streamlined workflow to boost productivity and minimize lead time.

Our world-class infrastructure, coupled with cutting-edge technology and a highly efficient workforce, enables us to deliver premium-quality steel products that meet the diverse needs of various industries.

"Precision, Innovation, and Excellence—The Pillars of Our Infrastructure."





QUALITY POLICY

At Nidhi Steel Industries, quality is not just a commitment—it's the foundation of our business.
As a customer-centric organization, we are dedicated to delivering round bars and flat bars that meet and exceed national and international standards.

ASSURANCE PROCESS

- Chemical Testing
- Mechanical Testing
- Radiation Testing
- Metallographic Testing
- Dimensional Inspection

At Nidhi Steel Industries, we take pride in our commitment to quality, ensuring that our customers receive products they can rely on for strength, performance, and durability.

"Quality is our foundation, and customer satisfaction is our goal."

CERTIFICATES & RECOGNITIONS







WORKING PROCESS FLOW CHART

1. METAL SCRAP



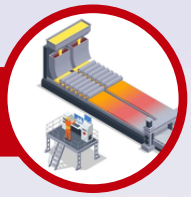
2. MELTING FURNACE



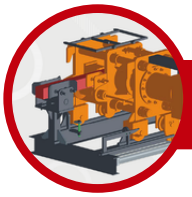
3. LAB TESTING (FOR COMPOSITION)



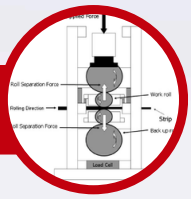
4. CONTINUOUS CASTING MACHINE



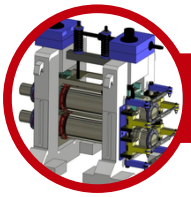
5. HOT BILLET SHREAING



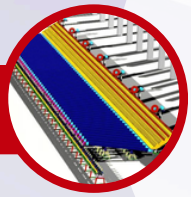
6. ROUGHING STAND



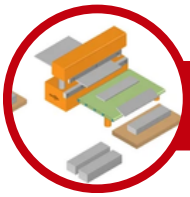
7. ROLLING MILL STAND



8. COOLING BED



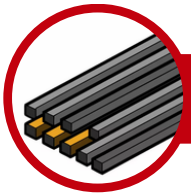
9. SHEARING MACHINE FINISHING



10. BUNDLING MACHINE



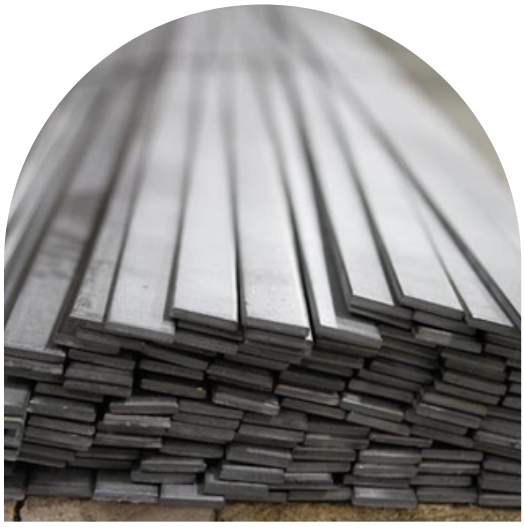
11. DISPATCH



Our products

WIDE RANGE OF HIGH-QUALITY STEEL PRODUCTS





Grades

- LC (Low Carbon),
- EN Series with EN8, EN8D, EN9,
- CHQ, C-45, C-38,
- Along with Various others on Special Order.

SIZE	AVERAGE WEIGHT	
MM	KG/MTS	KG/FT
40x5	1.60	0.50
40x6	1.90	0.60
40x8	2.50	0.80
40x10	3.14	1.00
40x12	3.80	1.20
40x16	5.00	1.50
40x20	6.30	1.90

FLAT BARS

SIZE	AVERAGE WEIGHT	
MM	KG/MTS	KG/FT
40x25	7.90	2.40
50x5	2.00	0.60
50x6	2.40	0.70
50x8	3.10	1.00
50x10	3.90	1.20
50x12	4.70	1.40
50x16	6.30	1.90
50x20	7.90	2.40
50x25	9.80	3.00
50x32	12.56	3.81
63x6	2.97	0.90
65x6	3.00	0.90
65x8	4.10	1.20
65x10	5.10	1.60
65x12	6.10	1.90
65x16	8.20	2.50
65x20	10.20	3.10
65x25	12.80	3.90
65x32	16.33	4.95
65x40	20.41	6.18
65x50	25.51	7.73
75x6	3.50	1.10
75x8	4.70	1.40
75x10	5.90	1.80
75x12	7.10	2.10
75x16	9.40	2.90
75x20	11.80	3.60
75x32	18.90	4.50
75x40	23.60	7.20
75x50	29.44	8.92
100x6	4.70	1.40
100x8	6.30	1.90
100x10	7.90	2.40

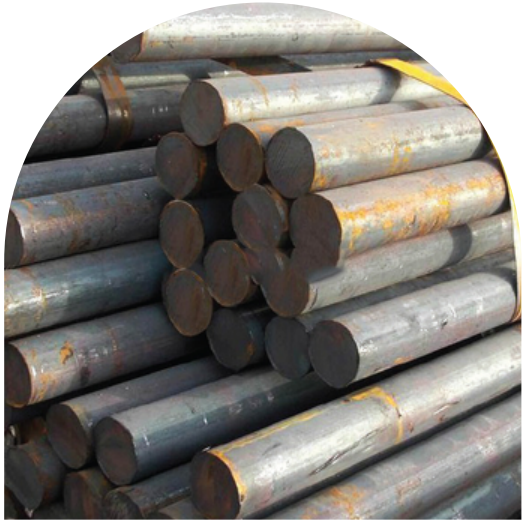
SIZE	AVERAGE WEIGHT	
mm	kg/mts	kg/ft
100x12	9.40	2.90
100x16	12.60	3.80
100x20	15.70	4.80
100x25	19.63	6.00
100x32	25.12	7.61
100x40	31.40	9.52
100x50	39.30	11.91
125x6	5.90	1.80
125x8	7.90	2.40
125x10	9.80	3.00
125x12	11.80	3.60
125x16	15.70	4.80
125x20	19.60	6.00
125x25	24.53	7.50
125x30	29.44	8.92
125x32	31.40	9.52
150x6	7.10	2.20
150x8	9.40	2.90
150x10	11.80	3.60
150x12	14.12	4.30
150x16	18.84	5.70
150x20	23.55	7.20
150x25	29.44	8.90
150x32	37.68	11.42
178x6	8.38	2.54
178x8	11.18	3.39

Our products

WIDE RANGE OF HIGH-QUALITY STEEL PRODUCTS



ROUND BARS



SIZE	AVERAGE WEIGHT	
mm	kg/mts	kg/ft
16	1.60	0.50
18	2.00	0.60
20	2.50	0.80
22	3.00	0.90
25	3.90	1.20
28	4.80	1.50
32	6.30	1.90
34	7.14	2.16
36	8.00	2.42
40	9.90	3.00

Grades	LC (Low Carbon), EN Series with EN8, EN8D, EN9, CHQ, C-45, C-38, Along with Various others on Special Order.

CHEMICAL COMPOSITION	
All the materials shall conform to IS: 2062 Grade “A” i.e.	
CARBON	0.23 % (max.)
MANGANESE	1.5 % (max.)
SULPHUR	0.045 % (max.)
PHOSPHORUS	0.045 % (max.)
CARBON EQUIVALANT	0.42 % (max.)

MECHANICAL PROPERTIES	
Tensile Strength	410 MPA (min.)
Yield Stress	250 MPA (min.)
Percentage of Elongation	23 % (min.)
Bent	2t (t = Thickness)

Our products



STEEL BILLETS

Cross Section	Weight / Meter	Length
100 x 100MM	78.5 Kg/Mts	3-6 Mtr

SPECIALIZED
APPLICATION FIELDS

- Transmission line towers
- Infrastructures
- Railways
- Storage Tanks
- General Engineering
- Automobile Industries
- Machine & Equipment Building System











NIDHI STEEL
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NIDHI STEEL INDUSTRIES

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