



# SHREEJEE ENGINEERING WORKS

## COMPANY PROFILE

### COMPLETE FORGING SOLUTIONS

Closed Die | Open Die | Ring Rolling  
Heat Treatment | Precision Machining



Mfg. of All Types of Forgings - Carbon | Alloy | Stainless Steel

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Mfg. of All Types of Forgings

GST No.: 09AVWPT7528B1ZW

Carbon Steel | Alloy Steel | Stainless Steel

## ShreeJee Promises to Deliver The Best Quality Products

### ABOUT US

ShreeJee Engineering Works is a trusted manufacturer and supplier of high-quality forged components, flanges, and engineering fittings in ferrous and non-ferrous materials. Strategically located in Ghaziabad near Delhi, India, the company serves domestic as well as international markets with reliable forging solutions designed to meet global industrial standards.

The company specializes in manufacturing forged flanges, customized forgings, rings, blocks, round bars, valve components, and industrial fittings for a wide range of industries including Oil & Gas, Petrochemicals, Refineries, Chemicals, Fertilizers, Pharmaceuticals, Power & Energy, Marine, Cement, and Heavy Engineering Sectors.

ShreeJee Engineering Works offers precision-engineered products in various material grades such as Stainless Steel, Duplex & Super Duplex Steel, Alloy Steel, Carbon Steel, and Nickel Alloys. With advanced manufacturing capabilities and strict quality control processes, the company delivers forged products in multiple sizes and specifications to meet diverse industrial requirements.

Focused on quality, consistency, and customer satisfaction, ShreeJee Engineering Works continuously upgrades its manufacturing standards and technical capabilities to align with international industry requirements. The company is committed to providing dependable products, timely deliveries, and responsive technical support to customers worldwide.

Every product manufactured by ShreeJee Engineering Works undergoes stringent inspection and quality assurance procedures to ensure durability, performance, and reliability. Supported by a dedicated sales and technical support team, the company aims to build long-term business relationships through professional service and dependable forging solutions.

#### FORGING

Forging is a shaping process in which a malleable metal (casting like billets, ingots etc.) is worked (forged) to a pre-determined shape by hammering or pressing to strengthen the material.

Main forging methods are close die, open die and rolling press forgings.

##### Infrastructure

- Pneumatic Forging Hammer 2 MT - 01 No.
- Hydraulic Forging Hammer 8 MT - 02 No.
- Hydraulic Press (500 MT) - 01 No.
- Heating Furnace (10 MT) - 02 Nos.

#### HEAT TREATMENT

Heat Treatment means heating of the job at a certain temperature to reduce the stresses and improve the structure and hence mechanical properties.

We perform Normalizing, Tempering, Hardening, Quenching, Solution Annealing etc.

##### Infrastructure

- HT Furnace Boggie Type (10 MT) - 1 No.
- HT Furnace (Robotic Arm Type) (6 MT) - 1 No.
- Oil & Water Quenching Tank
- PIT Cooling

#### PRECISION MACHINING

Precision Machining is a manufacturing process to remove the excess material from the metal to achieve desired sizes as per drawing / customer requirement.

We are capable of doing all kinds of machining work with closed tolerance.

##### Infrastructure

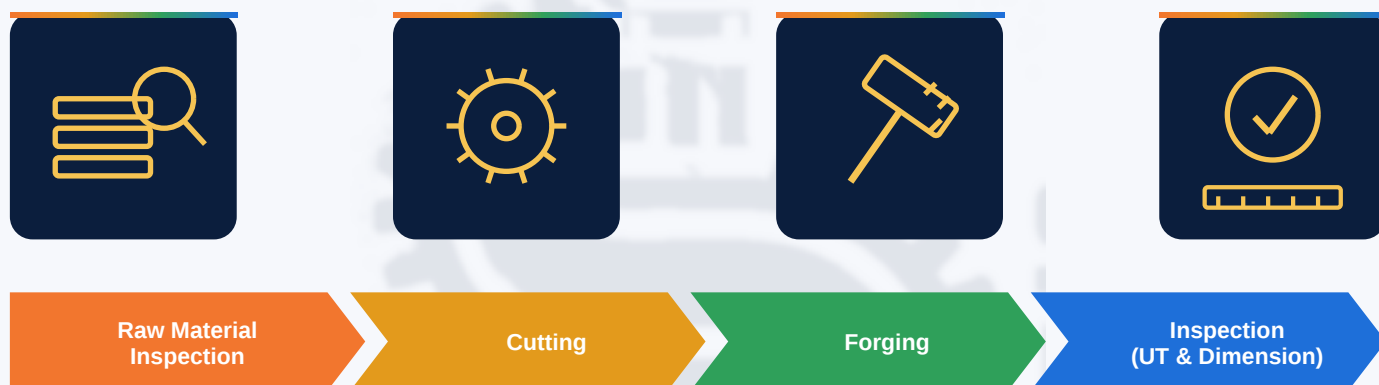
- VMC M/C | VTL M/C
- Drill M/C | Boring M/C
- CNC M/C | Lathe M/C
- Planer-Miller
- Band-Saw M/C

## Our Vision

Our vision at ShreeJee Engineering Works is to become a globally trusted leader in the forging industry through innovation, precision, and superior quality standards. We aim to continuously enhance our manufacturing capabilities and deliver reliable forged components that exceed customer expectations while contributing to the growth of the industries we serve.

## Our Mission

At ShreeJee Engineering Works, our mission is to deliver precision-engineered forged components with uncompromising quality, reliability, and performance. We are committed to exceeding customer expectations through advanced manufacturing, timely delivery, and continuous innovation while building long-term partnerships based on trust, excellence, and integrity.



**ShreeJee - Where the Search for Complete  
Forging Solutions Ends.**



## **ShreeJee Engineering Works Offers...**

- Strong expertise and deep understanding of the forging and engineering industry.
- High commitment towards precision, quality, and customer satisfaction.
- Skilled and dedicated team of experienced professionals and innovative engineers.
- Capability to deliver customized forging solutions for complex industrial requirements.
- Advanced manufacturing support with reliable production processes.
- Focus on timely delivery, consistent quality, and long-term business relationships.
- Multi-industry supply capability with dependable service standards.

## **Our Purpose**

To deliver high-quality forged components and engineering solutions that create value for our customers, strengthen industrial growth, and build lasting partnerships through innovation, reliability, and excellence.

## **Processes**

- Closed Die Forging
- Open Die Forging
- Ring Rolling
- Heat Treatment
- Quenching & Tempering
- Normalizing
- Annealing
- Stress Relieving
- Solution Annealing

## **Testing Facilities**

- Brinell Hardness Tester
- Rockwell Hardness Tester
- Spectrometer - OES Chemical Analysis
- Ultrasonic Testing for Internal Flaw Detection
- Magnetic Particle Inspection (MPI)
- Gauss Meter - Residual Magnetic Flux Testing
- Tensile Testing Machine
- Dimensional & Visual Inspection



# Wide Range of Material Grades

## Carbon Steels

|      |              |        |          |         |
|------|--------------|--------|----------|---------|
| C30  | A 105        | C60    | SAE 1010 | ST52.3  |
| C40  | LF2          | EN8    | SAE 1018 | IS 2062 |
| 45C8 | A694 F60/F70 | EN8D   | SAE 1020 | CK45    |
| 55C8 | St37.2       | EN9    | SAE 1045 | CK60    |
| EN3A | EN 14A/20Mn2 | S355J2 | P355NH   | S275N   |

## Alloy Steel

|       |               |             |           |           |         |
|-------|---------------|-------------|-----------|-----------|---------|
| EN19  | En36 C        | EN41B       | 30CrNiMo8 | 34CrNiMo6 | SCM 420 |
| EN24  | En39 B        | SAE 8620    | 42CrMo4   | SAE 4340  | F11     |
| EN353 | EN31/SAE52100 | 18CrNiMo7-6 | 17CrNiMo6 | SAE 4130  | F22     |
| EN354 | 21CrMoV57     | 16/20MnCr5  | LF-3      | SAE 4140  | EN47    |
| F5/5a | F9            | F91/F92     | E3310     | EN41B     | -       |

## Stainless Steel (Martensitic / Austenitic / Duplex)

|        |             |           |
|--------|-------------|-----------|
| F316   | F304        | F6NM      |
| F316L  | F304L       | F51 & F60 |
| F321   | F6a [SS410] | F53       |
| F347   | AISI420     | F55       |
| 17-4PH | FXM-19      | F44       |



## Machine List

| S.No. | Name of Machine       | Qty. | Capacity  |
|-------|-----------------------|------|-----------|
| 1     | Lathe Machine 07 Mtr. | 01   | 24" Chuck |
| 2     | Lathe Machine 8       | 02   | 32" Chuck |
| 3     | Lathe Machine 16      | 02   | 30" Chuck |
| 4     | Lathe Machine 20      | 02   | 30" Chuck |
| 5     | Lathe Machine 12      | 01   | 48" Chuck |
| 6     | Lathe Machine 12      | 02   | 30" Chuck |
| 7     | Lathe Machine 12      | 01   | 24" Chuck |
| 8     | Lathe Machine 10      | 01   | 24" Chuck |
| 9     | Lathe Machine 10      | 01   | 16" Chuck |
| 10    | VTL                   | 04   | 48" Chuck |
| 11    | Radial Drill 2        | 03   | 72" OD    |
| 12    | Radial Drill 1.5      | 01   | 36" OD    |
| 13    | Bench Grinder Speed   | 03   | 8"        |
| 14    | Hand Grinder          | 03   | 7"        |
| 15    | Hand Grinder          | 02   | 4"        |

## Wide Range of Raw Material Suppliers

- SAIL
- MUSCO
- JSW Steel
- Laxcon Steel
- Hyundai Steel
- Jahanvi Ispat Pvt. Ltd.
- VSP (Vizag Steel Plant)
- Usha Martin
- BGH
- Essar Steel
- Kalyani Carpenter Special Steels
- Bhushan Steel
- Kesri Steel Ltd.
- Sandvik Materials Technology
- NECO
- Ambica Steels
- KISCO
- ISMT Ltd.
- Sunflag Iron & Steel Co. Ltd.
- Tata Steel
- Jindal Steel & Power (JSPL)
- Mukand Ltd.
- Viraj Profiles
- Mahindra Sanyo Special Steel
- Timken Steel
- Electrosteel Steels
- Nippon Steel India
- Shyam Steel Industries
- Rashtriya Ispat Nigam Limited (RINL)

### CORE VALUES

TRUST

GOALS

TEAMWORK

INNOVATION

ETHICS

CUSTOMERS

RESPONSIBILITY

# PRODUCT RANGE

## FORGED FLANGES

Slip On, Weld Neck, Blind, Socket Weld, Screwed, Lap Joint, Reducing Type, Orifice Flanges - complete with tapping, without jack screws.

| Size       | Pressure Class |
|------------|----------------|
| 1/2" - 60" | 150 Pressure   |
| 1/2" - 60" | 300 Pressure   |
| 1/2" - 60" | 400 Pressure   |
| 1/2" - 60" | 600 Pressure   |
| 1/2" - 48" | 900 Pressure   |
| 1/2" - 24" | 1500 Pressure  |
| 1/2" - 24" | 2500 Pressure  |

### Dimension Standards:

ANSI B 16.5, B 16.1, B 16.47 Series 'A' & 'B', MSS SP-44, JIS 5K, 10K, 16K, EN/DIN, BS 4504 or any other as per customer's requirements.

### Material Grades:

ASTM A-105, A-350 LF-1, LF-2, LF-3, A182 F-304/F-304H/F-304L/F-316L/F-321/F-347/F-316Ti, A181 F-1/F-5/F-11/F-22, A-694, F-52, 60, 65 or any other international standard in Carbon / Alloy / Stainless Steel.

## FORGED ROUNDS

|          |                                 |
|----------|---------------------------------|
| Max Dia  | 50 mm to 700 mm                 |
| Weight   | 50 Kg to 10,000 Kg              |
| Material | Carbon, Alloy & Stainless Steel |
| Length   | Upto 11,000 mm                  |

## NON STANDARD FORGINGS

| ITEM         | Self Reinforced Nozzles | Rings, Wheels, Tyre       | Tube Sheets               | Blocks          |
|--------------|-------------------------|---------------------------|---------------------------|-----------------|
| Size Range   | As Per Clients Drawing  | Up to Dia 2200 mm         | Up to Dia 2200 mm         | 1100 x 1100 sq. |
| Weight Range | Up to 5000 Kgs. Max.    | Up to 6000 Kgs. Forge Wt. | Up to 6000 Kgs. Forge Wt. | Up to 6000 Kgs. |

Dimension Standards: As per Customer Requirements.

## WIND MILL PRODUCTS

|             |                                                                              |
|-------------|------------------------------------------------------------------------------|
| Item        | Wind Mill Gear Box Forgings                                                  |
| Description | Forged Gear Blanks & Shafts                                                  |
| Type        | Max dia 2200 mm for rings & 650 mm for shafts, max weight 5500 kgs per piece |