



WHY CHOOSE US?

- Experience since 1988
- Customized manufacturing
- Capacity from 30mm dia to 3m
- One-stop solution for machining processes
- Modern technology



Ratna Gears is as well-known gear manufacturing company located in 40000sq.ft at Hadapsar Pune, established in the year 1988. The company is owned and managed by Mr. Prakash Mahajan Mr. Mahaveer Mahajan and Mr Nithish Mahajan under whose guidance the company has reached enviable heights. We manufacture and supply all types of gears and some special gear boxes for industrial and engineering usage. We are in this field since two decades, and we have sufficient and efficient manpower to ensure quality and timely delivery.



CUSTOMER SATISFACTION

By providing quality products to our customers and their timely delivery, we always try to attain customer satisfaction. With our market knowledge, overall distinctive position, and rich experience, we are providing unbeatable products to our customers for over two decades.



QUALITY ASSURANCE

Being an ISO-certified organization, all the gear products manufactured by us are thoroughly checked, inspected, and tested on various quality parameters by our efficient team of quality analysts so as to provide our clients with the best products.



SPIRAL AND STRAIGHT BEVEL GEARS

Distinguish setup for manufacturing of Spiral bevel gears of Gleason and Klingenberg profile. Capacity to manufacture up to $\varnothing 500 \times 8$ module on Gleason Bevel Generator, >8 modules on VMC (attached image of 20 modules.)

Attributes :

- Assured teeth contact
- Lapped Gears
- Minimal noise
- Serve with MOQ 1pair. As well.

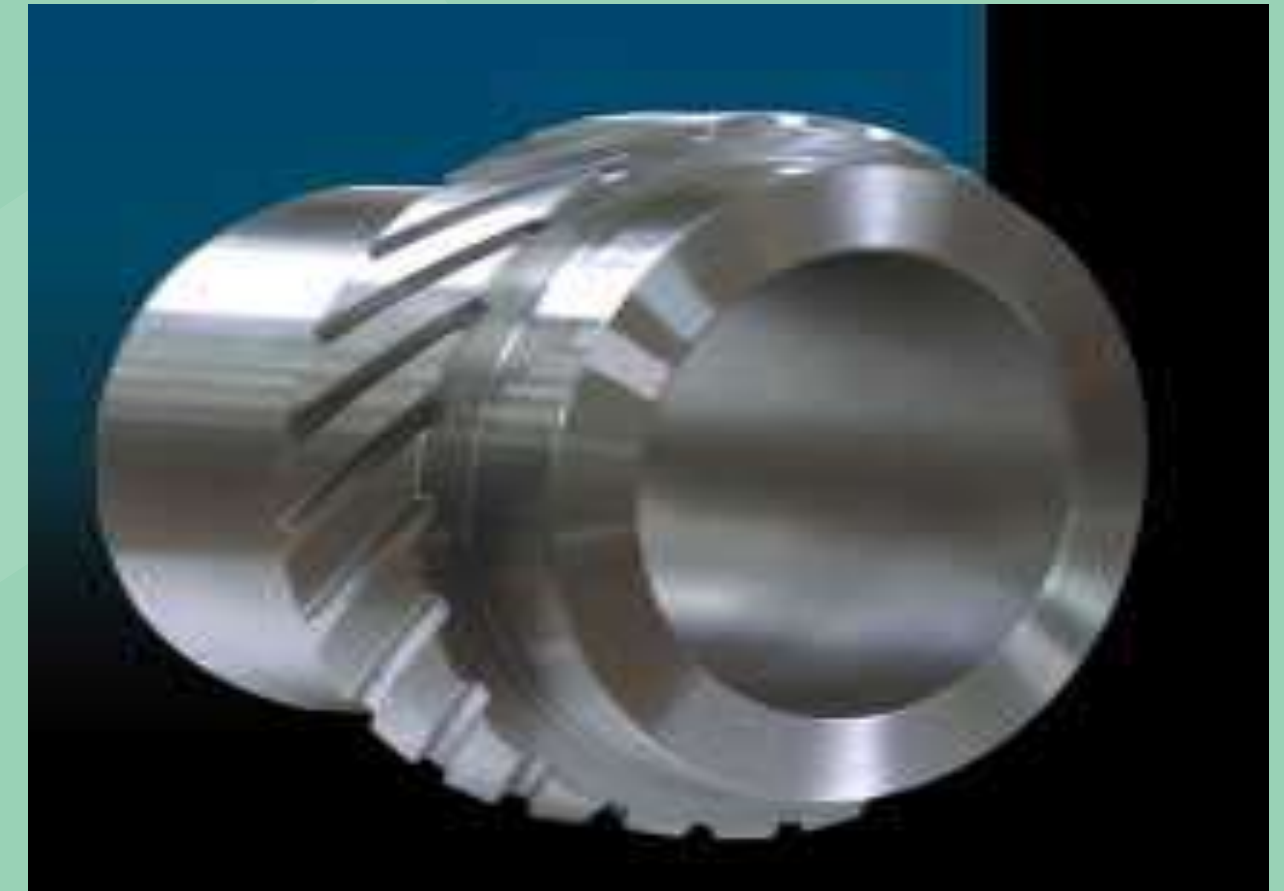


HELICAL GEARS

Prominent manufacturer and supplier offering a comprehensive range of Helical Gears. The entire range is a hallmark of cutting-edge technology that is used in the production of Helical Gears. The Helical Gears offered by us are highly demanded in the market and widely appreciated by our clients because of their resistance to wear and tear, durability, and long working life. We owe the capacity to manufacture gear Ø 30mm to 1.5m; from 1 module to 16 modules.

Attributes :

- Less vibration
- Low noise
- Resistant to wear and tear
- Durable
- Long working life



OUR PRODUCTS



SPUR GEARS

We are the Leading Manufacturer and Supplier of premium quality Spur Gears. The Spur Gear offered by us is the simplest of all the gears and is used for the transmission of rotator motion between parallel shafts. The Spur Gear served is manufactured with quality raw materials. Capacity to manufacture gear Ø 30mm to 1.5m; from 1module to 16 modules.

Attributes :

- Premium quality
- Durable
- High workability
- Competitive prices
- Simple yet effective

WORM WHEEL AND WORM SHAFTS

Considered amongst the most reliable manufacturers and suppliers of Worm Wheel and Worm Shaft spares as well gearbox. Standard Catalogue available with multiple mounting feasibility

Attributes :

- Low noise
- Low on maintenance
- Trouble free usage
- Durable



OUR PRODUCTS



INDUSTRIAL GEARBOX

Specialist in manufacturing customized gearboxes with on-site support and reverse engineering of the existing gearbox. Indigenized varied gearboxes since last two and half decades of steel within and outside India.

Features :

- Taylor-made manufacturing
- Reverse engineering
- Onsite support
- Reliable
- Efficient

WATER-COOLED CHARGING & DISCHARGING ROLLER ASSEMBLY

Compatible with project spares manufacturing. Worked with Kalyani Techno Forge Ltd. Pune, Maharashtra, India. For Indonesia Furnace.

Attributes :

- Open to Conceptual Manufacturing
- Experience in material selection with the application
- Feasible for manufacturing under one shelter





SINGLE ROLL CRUSHER GEARBOX & FOUR ROLLER CRUSHER ASSEMBLY

Have Reverse-engineered China products of Sinter Plant and serve multiple steel companies in India.

Served :

- Kalyani Steel Ltd. (Giniger, Karnataka)
- Kirloskar Ferrous India Ltd. (Hiriyur, Karnataka)
- Arjas Steel Pvt. Ltd. (Tadipatri, Andhra Pradesh)
- Sona Alloys Pvt. Ltd. (Lonand, Maharashtra)



WIND CUT OFF PLATE AND LINER

Have Reverse-engineered China products of Sinter Plant and serve multiple steel companies in India.

- Kalyani Steel Ltd. (Ginigera, Karnataka)
- Kirloskar Ferrous India Ltd. (Hiriyur, Karnataka)





SINTER PLANT
INDIGENIZE
DEVELOPED PARTS

Sr. No.	Item Name
1	Wind Cutoff Plate with liner
2	Single roll crusher gearbox
3	Four Roll Crusher Assembly
4	Four Roll Crusher top gearbox
5	Four Roll Crusher Bottom gearbox
6	Water haulage Chain assembly
7	Water haulage Chain gearbox
8	Star wheel with shaft assembly
9	Piston ring plate
10	Sprocket assembly for Haulage Chain
11	M1, M2,M3, M4, RM1, RM2 Gearbox.
12	FS1, FS2 Gearbox
13	Pinion for sinter machine gearbox
14	Weighfeeder gearbox
15	Pinion Assembly

MEASURING INSTRUMENTS



Sr. No.	Description	Make	Specification (in mm)
1	Vernier Caliper	Mitutoyo	Up to 2000 mm
2	Micrometer	Mitutoyo	Up to 600 mm
3	Bore Gauge	Mitutoyo	Up to 500 mm
4	Dial gauge & Stand	Baker Dial	10 mm / 25 mm
5	Height Gauge	Mitutoyo	0-300, 0-600
6	Slip Gauge Box	Imported	1 Set
7	Granite surface Plate	Kirloskar	600 x 600
8	Gear tooth Vernier	Accurate	Up to 150 mm
9	Tangent Micrometers	Mitutoyo	Up to 200 mm
10	Internal Micrometers	French	0 to 500 mm
11	CMM	Accurate	X-1000, Y-600, Z-500



MANUFACTURING FACILITIES

TURNING, MILLING,
HOBGING, CYLINDRICAL
GRINDING

1	Horizontal Boring	TOSS	2000 X 1450
2	Milling (Universal)	TOSS-5	1500 x 600 x 500
3	Milling (Universal)	HMT-4	300 x 300 x 800
4	Milling (Vertical)	Sweden-3	400 x 500 x 1000
5	Milling (Vertical)	HMT-2	500 x 600 x 1500
6	Radial Drilling	Z - J ()	Ø 63 (2 ½")
7	Horizontal Boaring	PAMA - Italy	1200 x 750
8	CNC Lathe	HMT	Dia 800 X 4000
9	CNC Lathe	Morie Seki	DIA 340 x 600
10	VMC	HAAS VF5	1600 X 850 X 600
11	VMC	HAAS VF2	850 X 650 X 500
12	VMC	HAAS VF9	2200 X 1600 X 1000



MANUFACTURING FACILITIES

TURNING, MILLING,
HOBGING, CYLINDRICAL
GRINDING

List of Machines :

13	Gear Hobbing	TOS -FO 10	16 module Ø 1200	2
14	Gear Hobbing	Cooper - Pfuter	10 Module x Ø 650	2
15	Gear Hobbing	TOS FO -6	6 Module x Ø 600	2
16	Gear Shaper	TOS OH 6	Up to Ø 600	2
17	Gear Shaper	Matrix	Up to Dia 2000	1
18	Spiral Bevel Gear Generator	Kinzernberg	Up to Ø 400	1
19	Spiral Bevel Gear Generator	Gleason	Up to Ø 400	1
20	Bevel Gear Lapper	Gleason	Dia 200	1
21	Straight Bevel Generator	Gleason	Dia 350 X Module 10	2
22	Straight Bevel Generator Coniflex	WMW	Dia 200 X Module 6	2
23	Milling VMC	Morie Seki	840 X 600 X 500	1
24	Balancing	Crystal	550 kg	1



MANUFACTURING FACILITIES

TURNING, MILLING,
HOBGING, CYLINDRICAL
GRINDING

List of Machines :

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OUR MAJOR DOMESTIC CLIENTS

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OUR MAJOR INTERNATIONAL CLIENTS

We are the Leading Manufacturer and Supplier of premium quality Spur Gears. The Spur Gear offered by us is the simplest of all the gears and is used for transmission of rotator motion between parallel shafts. The Spur Gear offered by us is developed with quality raw materials.



Nigeria



Saudi Arabia



Uganda



Saudi Arabia



Saudi Arabia





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THANK YOU