



**RATNA
GEARS**



PROFILE:

Ratna Gears is as well-known gear manufacturing unit. We are manufacturing all types of Gears and some special gear boxes for industrial and engineering usage. We are in this field. Since two decades, we have sufficient and efficient manpower to ensure quality and timely delivery.

ACTIVITIES:

- Spur, Helical and worm Gear up to 1000mm x 16 module.
- Bevel gears up to 500mm.
- Spiral bevel Gears.
- Spline shafts .
- Worm wheel Gear boxes as per requirement.
- Spur / Helical Gear Boxes as per requirement.

QUALITY SYSTEM IS MAINTAINED AS PER ISO 9001: 2000

LIST OF MACHINES



Sr.No.	Description	Make	Specification (in mm)	Nos
1	Center Lathe	M.K.	Ø 400 x 1200	2
2	Center Lathe	M.K.	Ø 400 x 800	1
3	Center Lathe	HMT (NH-26)	Ø 520 x 3000	1
4	Center Lathe	Imported	Ø 800 x 4200	1
5	CNC Turning	FS 400	Ø 300 x 550	1
6	Milling (Universal)	TOSS	1500 x 600 x 500	1
7	Milling (Universal)	HMT	300 x 300 x 800	2
8	Milling (Vertical)	Sweden	400 x 500 x 1000	1
9	Milling (Vertical)	TOSS	500 x 600 x 1500	2
10	Radial Drilling	Z - J (Japan)	Ø 63 (2 ½")	1
11	Gear Hobbing	TOS -FO 10	16 module Ø 1200	1
12	Gear Hobbing	Cooper - Pfuter	14 Module x Ø 650	1
13	Gear Hobbing	TOS FO -6	6 Module x Ø 600	1
14	Gear Shaper	TOS	Up to Ø 300	1
15	Bevel Gear Cutting		Up to Ø 350	2
16	Horizontal Boaring	WMW	2500 x 2500x 1500	1
17	Surface Grinding	HMT	300 x 1000	1
18	Band-Saw		200	1
19	Slotting Machine		350 Stroke	2
20	Welding Rectifier			1



RANGE OF INSTRUMENTS

Sr.No.	Description	Make	Specification (in mm)
1	Vernier Caliper	Mititoyo	Up to 1000 mm
2	Micrometer	Mititoyo	Up to 500 mm
3	Bore Gauge	Mititoyo	Up to 500 mm
4	Dial gauge & Stand	Baker Dial	10 mm / 25 mm
5	Height Gauge	Mititoyo	0-300
6	Slip Gauge Box		1 set
7	Granite surface Plate		600 x 600
8	Gear tooth Vernier	Accurate	Up to 150 mm
9	Tangent Micrometers	Accurate	Up to 150 mm
10	Internal Micrometer	French	0 to 500 mm



Spur Gear



Special Gear Boxes



Spiral Bevel



**Worm Wheel
Worm Shaft**



**Helical Gear /
Pinions**



Bevel Gear



Rack



**Lifting
Element**



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