



ARSONS
ENGINEERS



**YASH ENGINEERING &
INDUSTRIAL SUPPLIERS**



Ø4400-MOD22

Gear cutting up to 5.8 m diameter



Established in 1978.

The company took off with a project of manufacturing dam gates and assembly of cranes for **Government of Maharashtra**, Irrigation Department. This project was executed well in time, saving a large amount of money for the client. Government of Maharashtra appreciated the entire work and effort of **Arsons Engineers**

One success story leads to another. The first assignment brought in another prestigious client, **TELCO** for a job of pre-turning of crown wheel.

Arsons Engineers started developing tooling and different types of spares for seamless tube industry for client like - Indian Seamless, Kalyani Seamless, Maharashtra Seamless and more.

Expertise of the **Arsons Engineers** brought in prestigious clients from the heavy forging and cold metal sheet forging industry for developing spares.

Deliverance and cost effectiveness of every solution provided to their client is the key factor for their stand in the industry today. The giants of the heavy engineering industry from all over India seeks expertise solutions from **Arsons Engineers**.



MR. MAYUR SHAH
Director



Established in 2003.

The company started rendering regular support for heavy maintenance work. **Yash Engineering** manufactured geared couplings from 100 to 119 for all types of mills, plants and industries.

With the expertises, skilled labours and tools, **Yash Engineering** provides all emergency services in major break down situations

keeps its promise of providing cost effective solutions in shortest execution time.

Services / products offered

All emergency services in major break down situation. Things not possible easily is handled easily. Rebuild / reconstruct parts of any kind with precision.

ISO 9001:2000
CERTIFIED COMPANY



South Asia



Expertise

Area of our expertise covers - special gears of all ranges (small to large), Herring Bone Gears, wind mill gears, internal helical gears, heavy forging, total assembly & all spares up to 12500 ton capacity.

Services

We are capable of providing emergency services in major break down situations. We have expertise to reverse engineer and rebuild / reconstruct parts of any kind with precision. Repairing, re-constructing and maintenance of slewing bearing. We are equally capable of all types of maintenance and regular jobs.

Capability

Our team is capable of taking up any challenging job head on. To assure quality and precision we have highly qualified and experienced supervisory team supported by our equally competent skilled workers. Every job is completed taking extra care to render accuracy and on time deliverance. Our premises is properly equipt to carry out entire job process in-house, saving considerable amount of money and time.

Slewing Bearing

•Maintenance •Repairing •Manufacturing

It is very expensive to buy a new large slewing bearings and also have long lead time. One good strategy towards minimizing the impact of bearing failure is to call for repair / refurbishment well in time. This brings the useful service life closely equivalent to a new bearing and saves a large amount of money.



Straighting Machine Roll For Steel Industries

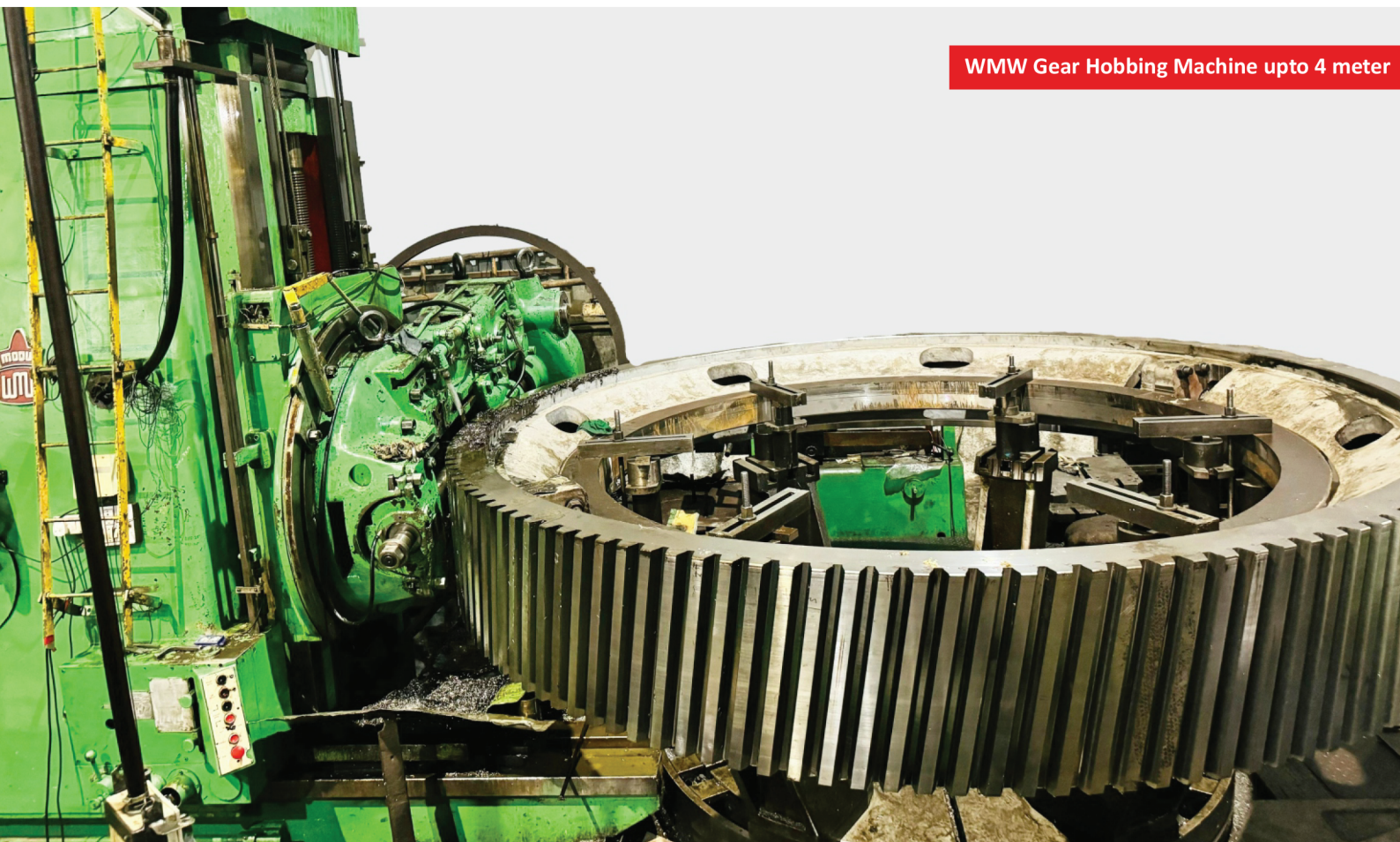


Coupling For Steel Industries



Segment Carrier Plate for Forging Industries

WMW Gear Hobbing Machine upto 4 meter



List Of Machines & Measuring Tools

GEAR HOBBING

1. WMW Gear Hobbing
 - Capacity 40 Module x Dia 5800 mm x 40 Tons job loading capacity.
 - Facility of Herring Bone teeth cutting without gap upto 40 Module X Dia 5500 mm
2. Russian Gear Hobbing
 - Capacity 5.5 mtr Diameter x 25 Module,
 - 25 Module X 5.5 mtr Diameter with attachments for Worm wheel,
 - Internal Teeth Cutting Upto Dia 5800mm X I/D5200mm X 270mmHeight X 18 Module
 - Double helical, Herring Bone Gear Up to 5500mm Dia, X 25 Module
 - Copy Hobbing with Profile Template. for Convex & Concord Teeth Cutting,
 - Spur Bevel Cutting.
3. WMW Gear Hobbing
 - WMW Gear Hobbing capacity 12 Module x 1000mm Diameter.

GEAR SHAPER

1. Gear Shaper Machine Maag Zurich Modal SH 180/300
 - Max Dia 3000mm X Max FW (Teeth length) 430mm X Module 16 for Internal
 - External Teeth Cutting Upto 40 Module X 400 FW X 3000 mm Diameter
2. Russian Gear Shaper
 - 12 Module X Dia 2800mm X Job Height 550mm X 200mm working length With DRO
3. Russian Gear Shaper
 - Gear Shaper table 800 mm X 8 modules With DRO

VERTICAL TURRET LATHE (CNC-VTL)

1. CNC VTL Size: Dia 4.5 meter X 2 meter Height with FANUC Control

CNC-HEAVY DUTY ROLL TURNING MACHINE

1. CNC Skoda Heavy duty Roll Turning Machine
 - Swing over Bed Dia 2000mm X Swing over cross slide 1600mm X Admit between Centre (ABC) 6mtr long Job Loading Carrying Capacity without Support – 35 Ton
2. CNC RUSSIAN make Heavy duty Roll Turning Machine
 - Swing over Bed Dia 1200 mm X Swing over cross slide Dia 950 mm X Admit between Centres (ABC) 6mtr Long Job Loading Carrying Capacity without Support – 16 Ton
3. CNC TAKISAWA makes Turning Centre
 - Dia 600 mm X 1.5 mtr. Long

HEAVY DUTY ALL GEARED LATHE

1. Ajax makes all gear head Universal Lathe 1000mm Dia X 5.5

HEAVY DUTY ALL GEARED LATHE

1. Ajax makes all gear head Universal Lathe 1000mm Dia X 5.5 mtr long.
2. Sachin Make Lathe 15" Center height x 8/10 Feet long

HORIZONTAL BORING MACHINE

1. Sound Make Horizontal boring Machine
 - Spindle dia 100mm with Two Axis DRO Table Size 1200 mm x 1200 mm

RUSSIAN DRILL MACHINE

1. Russian Radial drilling machine up to 100mm Diameter X 2200mm cross ram
2. Radial drilling machine up to 50mm Diameter.

SLOTING MACHINE

1. American More make slotting machine 12" stroke x 2000mm dia

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WELDING FACILITY

1. Rexel Mig 600 upto 4 mm Welding wire
2. L&T make Eutech Weld 406 & 401 Welding Transformer for special purpose Welding
3. Adore make thyroluxe 600
4. Imported Welding Machine : 4 Nos

EOT CRANE FOR JOB HANDLING

1. PVSS make EOT Crane : Capacity 20Ton / 5 Ton

LIST OF INSTRUMENTS:

1. Inside Micrometer Up To 0 – 3 Meter.
2. Inside Micrometer Up To 0 – 2100MM.
3. Out Side Micrometer from 0 – 1400 complete set
4. Gear Tooth Vernier. Up to 350 mm
5. Dial Bore gauge up to 700 mm.
6. 12" Digital Depth Vernier.
7. 24" Height Vernier.
8. Vernier up to 1 Meter.
9. Vernier up to 1.5 Meter.
10. Flange Mick 0 to 350 mm



Stanko Make Gear Shaper Machine



Maag Zurich Gear Shaper Machine



12500 ton press clutch hub and liner and assembly

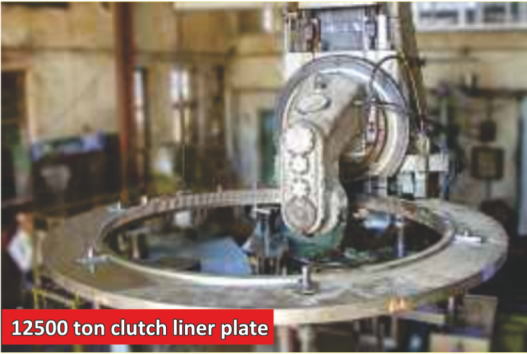


Our Statement Of **Mission**

We want to be the most cost effective, on time, engineering solution provider for heavy engineering industry in the country and abroad.

Our Statement Of **Vision**

We are soulfully contributing to better the life of human beings of our country India and other parts of the world.



12500 ton clutch liner plate



SM Roll for seamless tube manufacturing industry



SM Shaft for seamless tube manufacturing industry



PM Shaft for seamless tube manufacturing industry

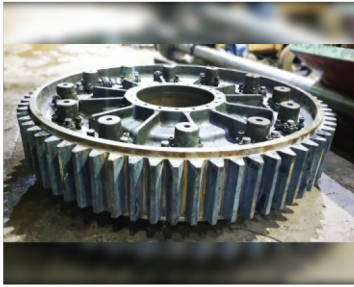


Crank assembly rack and pinion for seamless tube industry



Herringbone gears for cement mill gear box

OUR ACHIEVEMENTS



BULL GEAR

Complete assembly for 2800 ton bulk gear was completed successfully.

TURN TABLE

4.5 meters diameter turn table was manufactured for a GOVERNMENT PROJECT.



BULL GEAR

8000 Ton with complete machining.

CRANK SHAFT

4000 ton crank shaft ready for dispatch.



SHAFT

This roll was manufactured for process industries.

CONNECTING ROD

4000 ton.



PULLEY

This pulley was made for Raj gadh rope way.



Internal helical gear ring for windmill project



Telescopic spindle assembly for seamless tube manufacturing mill



Internal tooth cutting up to 3000mm diameter



Herring bone gear broken teeth rework by welding and teeth cutting with generation



Rolling mill gear train



Tooling for seamless tube and wheel rim manufacturing



Eccentric shaft & connecting for heavy press



18 module for start worm shaft



Herring bone gear teeth after rework

OUR OTHER EXPERTISE:

- Planetary Gear Box & spares for sugar and cement industries
- Reconditioning of sheet metal press and supply of spares
- Spares for heavy forging machines
- Manufacturing of tie rod and screw for injection moulding machine
- Manufacturing complete range of gear couplings from 100 to 119
- All spares for steel plants, seamless tube manufacturing and sugar industries
- Spares for construction machineries and equipment manufacturing industries

OUR CLIENTS:



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YouTube: **YASH ENGINEERING & Industrial suppliers**



Four start / six start screw for forging press