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Category	:-	CNC RACK CUTTING MACHINES	Serial No	:-	NA
Model	:-	SR2 CNC 3 AXIS	Country	:-	Japan
Make	:-	Shinohara	Type of Machine	:-	CNC THREE AXIS RACK CUTTING MACHINE
Year	:-	Rebuilt 2023	Weight	:-	0.0
Dimensions	:-		Power	:-	
Location	:-	Mumbai India...Under Power	Asking Price	:-	On Request

Specification :-

**Rejuvenated and Upgraded Shinohara SR-2 CNC Rack Cutting Machine, now equipped with Siemens 808 CNC Controller**

**Specifications:-**

**1. Model: Shinohara SR-2 CNC Three Axis Machine**

**Country :- Japan**

**2. Controller: Siemens 808D (Brand New 2023 Year of Manufacture)**

**3. Cutting Length (Spur): Max 1500 mm**

**4. Cutting Width (Spur): Max 250 mm**

**5. Max Modules: 8 Module**

**6. Max Helix Angle Cutting: 30 Degrees PA**

**7. Cutter Arbor Diameter: 31.75 mm**

**8. Cutter Diameter: 100-130 mm**

**9. Max Cutter Width: 60 mm**

**- Brand New Hydraulic ,CNC Systems .**

**- Gib adjustments and worm lash adjustments performed.**

**- Replacement of faulty bearings and addressing oil leaks.**

**- Full recertification following ISO alignment standards for CNC Gear Rack cutting machines.**

**- Conversion to three-axis CNC using Siemens 808D, Digital drives, and AC servo motors.**

**- Elimination of the old Japanese controls in Favor of Siemens technology.**

**- No need for a change gears system, thanks to CNC capabilities inspired by Sykes and England-based company expertise.**

**- Recontrolled to Siemens 808 Advanced System, adhering to Shinohara company standards.**

### **CNC Capabilities:-**

- Capable of cutting both straight racks and helical gears.
- Helical degree visibility in DRO system in addition to CNC controller.

### **Advantages of CNC Conversion:-**

- Precision and repeatability in gear rack cutting operations.
- Enhanced flexibility with three-axis control.
- Efficient production with the elimination of change gears.
- Modern Siemens technology for reliable and user-friendly operation.

### **Description :-**