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|------------------------|---|-------------------|--------------------------------------|
| <i>Machine Id</i>      | <i>:- 1306</i>                                | <i>Serial No</i>  | <i>:- NA</i>                         |
| <i>Category</i>        | <i>:- CNC RACK CUTTING MACHINES</i>           | <i>Model</i>      | <i>:- SR2 CNC 3 AXIS</i>             |
| <i>Country</i>         | <i>:- Japan</i>                               | <i>Make</i>       | <i>:- Shinohara</i>                  |
| <i>Type of Machine</i> | <i>:- CNC THREE AXIS RACK CUTTING MACHINE</i> | <i>Year</i>       | <i>:- Rebuilt 2023</i>               |
| <i>Weight</i>          | <i>:- 0.0</i>                                 | <i>Dimensions</i> | <i>:-</i>                            |
| <i>Power</i>           | <i>:-</i>                                     | <i>Location</i>   | <i>:- Mumbai India...Under Power</i> |

### 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.**