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|------------------------|---|-------------------|--------------------------------------|
| <b>Machine Id</b>      | <b>:- 1414</b>  | <b>Serial No</b>  | <b>:-</b>                            |
| <b>Category</b>        | <b>:- Gear Hobbers</b>  | <b>Model</b>      | <b>:- KS 300 CNC 3 AXIS</b>          |
| <b>Country</b>         | <b>:- Japan</b>   | <b>Make</b>       | <b>:- Kashifuji</b>                  |
| <b>Type of Machine</b> | <b>:- Universal Heavy Duty CNC Gear Hobber Rebuilt Three-Axis</b> | <b>Year</b>       | <b>:- rebuilt 2024</b>               |
| <b>Weight</b>          | <b>:- 0.0</b>   | <b>Dimensions</b> | <b>:-</b>                            |
| <b>Power</b>           | <b>:-</b>   | <b>Location</b>   | <b>:- Mumbai India...Under Power</b> |

Specification :-

## **Specifications for Rebuilt Three-Axis CNC Gear Hobber**

**Machine Model: KASHIFUJI KS300**

**Control System: Siemens 808 Advanced System**

### **Overview:**

The Kashifuji KS300 Gear Hobber has undergone meticulous retrofitting, now equipped with the advanced Siemens 808 Advanced control system. Originating from a meticulously maintained factory, this machine ensures reliability and performance. With its robust construction and advanced control features, it stands ready for immediate operation. This particular machine boasts two guide ways, a feature that significantly enhances both machine rigidity and accuracy.

### **Technical Specifications:**

- **Maximum Cutting Diameter: 300mm**
- **Maximum Module: 8**
- **Maximum Cutting Tilt Angle:  $\pm 45^\circ$**
- **Hob RPM: 400rpm**
- **Weight: 10 tons**

### **Rebuilt Work Undertaken:**

The machine has undergone comprehensive recontrol and recertification, adhering precisely to Kashifuji's standards. The original old Fanuc CNC system has been replaced with the Siemens 808 Advanced System. The refurbishment process includes:

- **Thorough cleaning of all components of the machine.**
- **Inspection and adjustment of moving slides, spindles, and parts handling systems**
- **Replacement of worn-out components such as bearings, hoses, cables, connectors, filters, etc.**
- **Installation and testing of all safety guarding**
- **Verification of machine cycles through test cutting**
- **The Main Bevels of the machine were replaced with BRAND NEW ones, manufactured on Gleason 104 CNC Bevel Gear Generator, followed by lapping for precision.**