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Category	:-	Gear Hobbers	Serial No	:-	
Model	:-	GH 300 CNC (Rebuilt August 2017)	Country	:-	Japan
Make	:-	Mitsubishi	Type of Machine	:-	CNC High speed Heavy Duty Universal Gear Hobbing Machine
Year	:-	0	Weight	:-	0.0
Dimensions	:-		Power	:-	
Location	:-	Mumbai India...Under Power	Asking Price	:-	On Request

Specification :-

- 3-Axis Heavy Duty CNC Gear Hobbing Machine
- Rebuilt in August 2017

- Siemens 808D Advance Controller
- Suitable for Spur, Helical Crowning & slightly tapered gears

Type of machine :- 3 Axis Gear Hobbing Machine - Vertical

3-Axis CNC Controlled with Siemens 808D **Advance** (brand new August 2017)
 max. wheel diameter 315 mm
 gear width 315 mm
 max. module 8 MODULE
 max. angle of teeth 45 Degree
 Work Table Diameter: 350mm
 Hob Arbor Taper: Morse No. 5

Maximum Hob Diameter: 150mm
Maximum Hob Length: 200mm
Hob Shifting Amount: 130mm
Maximum Indexing Tooth:200
Minimum Indexing Tooth Number:6
Max Degree 50 PA

Additional information:

Complete with change gears

Complete with handbooks and machine manuals

Fully rebuilt with new 2017 YOM

Siemens 808D **Advance**, Digital drives and AC servo motors

CNC Controlled Axis X and Z + hob shifting PLC based

Free standing Electrical Cabinet fitted.

Suitable for Spur , Helical , Crowning & slightly tapered gears both for both and heavy production of components

Machine Features:

- Hydraulic Clamping & Tailstock ,
- Automatic Hob shift
- Full change gear set
- Two copies of the machine operators manual
- Two copies of all electrical and mechanical prints
- Can be tooled up to customers as per customers requirement at extra cost
- Machine is ready for immediate delivery subject to prior sale.

The Advantages of New Siemens 808D Advance System are as below:-

The benefits are as per below.

1. It is close loop system so positioning accuracy of axis is far better.
2. It has Auto servo tuning (AST) facility so that load can be tuned with servo motor for better performance with torque.
3. It has Direct servo control (DSC) by Drive Bus communication so that drives can perform better with controller commands.
4. It has friction compensation facility.

5. Servo motors available up to 40Nm whereas in 808D it was only 4,7,10Nm only.(eg. for Z-axis we used 15Nm
6. Absolute encoder available with Servo motor so that referencing is not required (like 828D)
7. It has Ethernet communication port so that PLC and Data Upload/Download is much faster.
8. It has Ethernet Interface so that it can be monitored remotely (like 828D) for
 - a. Transfer of Part program, user cycles, Machine data, R-parameter, PLC data, HMI data etc..
 - b. PLC Logic can be monitored
 - c. PLC upload/download
 - d. Part program send/receive
 - e. Execute part program
 - f. Screen shots can be taken.

Description :-