

# Farrell Engineering Ltd

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Video :-

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Category	:-	Gear Hobbers CNC	Serial No	:-	
Model	:-	L 200 (cnc three axis)	Country	:-	Germany
Make	:-	Liebherr	Type of Machine	:-	3 axis CNC gear hobber with Siemens 808 ADVANCE system
Year	:-	0	Weight	:-	0.0
Dimensions	:-		Power	:-	
Location	:-	mumbai warehouse,india	Asking Price	:-	On Request

Specification :-

**3-Axis Heavy Duty CNC Gear Hobbing Machine**

**Rebuilt in 2018**

**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 2018)**

**max. wheel diameter 200 mm**

**max. module 8 MODULE and minimum 0.5module**

**Work Table Diameter: 200mm**

**Additional information:**

**Complete with change gears**

**Complete with handbooks and machine manuals**

**Fully rebuilt with new 2018 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 :--