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Machine Id	:- 1233	Serial No	:- Not Available
Category	:- Gear Shapers CNC	Model	:- WS1 CNC (EGB)
Country	:- Germany	Make	:- Liebherr
Type of Machine	:- EGB Gear Shaper with Mitsubishi M80 CNC Control	Year	:- Rebuilt 2019
Weight	:- 0.0	Dimensions	:-
Power	:-	Location	:- Mumbai Warehouse ,India

Specification :-

- Heavy Duty CNC Gear Shaper Machine With Tailstock
- Rebuilt in April 2019 (Lead &Profile Reports Available)
- 3-Axis (X:-Axis, B :- Axis , C :- Axis)CNC Gear Shaping Machine (EGB) With Mitsubishi M80 System
- The Machine is also capable to cut Sector Gears.
- Hydraulic Clamping &Tailstock ,
- Two copies of the machine operator's 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

This machine was totally cleaned, hydraulic and coolant systems drained and cleaned, all gib adjustments were checked, all worm lashes were adjusted, all old parts specially bearings were replaced, all mostly oil leaks replaced and then the machine was fully recertified using the ISO alignment standards for Liebherr CNC Gear Shaper.

All the Original old German controls were eliminated and replaced with new Mitsubishi M80 Controller.(Three Axis)

This machine was recontroled using a BRAND Mitsubishi M80 Controller, Digital drives and AC servo motors Power CNC controlling digital Servo drives for the axes. The Machine is also capable to cut Sector Gears.

External gears, max. Ø, approx.	265 mm
Internal gears, max. workpiece Ø	300 mm
Module range	0.3 - 6
Length of stroke	0 - 55 mm
No. of strokes, infinitely variable	220 –1,100 /min
Feed range	2.4 –2,400 mm/min
Rotary feed	0.06 –4.95 mm/rev
Weight, approx.	7,300 kg