













Machine Id	:- 972	Serial No	:-
Category	:- Gear Related Machines	Model	:- ZSA 220
Country	:- Germany	Make	:- Hurth
Type of Machine	:- Gear Related Machine	Year	:-
Weight	:- 0.0	Dimensions	:-
Power	:-	Location	:- Mumbai Warehosue, India

Specification :-

Rebuilt 2014 Machine, Like New.

Hurth Machine is ideal for parallel shaving,

cross shaving, and diagonal shaving of unhardened spur gears with straight or helical teeth

Centre height of tailstocks	115 mm
Clamping length between centres	750 mm
Gear Ø	25 –220 mm
Module	1 - 6
Gear width, max.	150 mm
Shaving cutter head swivelling	+/- 23°
8 speeds of cutter spindle	36 - 220 rpm
Dimensions of shaving cutter Øx width x bore	175 –260 x 20 x 100 mm
Table swivelling	180 °
Table size, approx.	200 x 1100 mm
Table movement, horizontal	150 mm
Table movement, cross	20 mm
table movement, vertical	175 mm
automatic Vertical infeed	0,02 –0,2 mm
8 Horizontal table feeds	14 –130 mm/min
Total electrical load, approx.	5.5 kW - 380 V - 50 Hz
Weight, approx.	5,000 kg

Accessories / Special Features:

- * **Built-on under table mechanical Crowning Device, also for Taper Shaving**
- * **Parallel Shaving Process / Diagonal Shaving Process / Underpass Shaving Process**
- * **Semi-automatic Work Process Start by Hydraulic Closing of the Splash Guards**
- * **Hydraulic tailstock on the right.**
- * **Workpiece setting gauge.**
- * **various change gears for speeds and table stroke.**
- * **Cooling oil filter unit with pump and built-on centrifuge Model Z 15.**
- * **Separate hydraulic unit.**
- * **For and extra charge: selection of shaving cutters.**

Machine is ideal for parallel shaving, cross shaving, and diagonal shaving of unhardened spur gears with straight or helical teeth.

Machine is having AC VFD for Spindle Speed and Table traverse speed.

You can change Spindle speed and Table feed by POT.

For a particular change gears of both drive, Operator can change speed and feed up to certain limit practically it can take load.

This is a feature added to shaver m/c and prepared as an advance shaver machine