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