

Farrell Engineering Ltd

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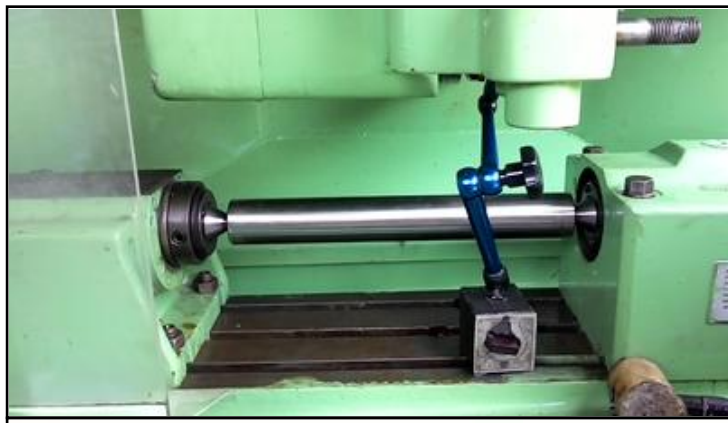
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Category	:-	Gear Related Machines	Serial No	:-	
Model	:-	ZSA 220	Country	:-	Germany
Make	:-	Hurth	Type of Machine	:-	Gear Related Machine
Year	:-	1980	Weight	:-	0.0
Dimensions	:-		Power	:-	
Location	:-	Mumbai Warehosue, India	Asking Price	:-	On Request

Specification :-

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.

Description :--