

Farrell Engineering Ltd

Westbury House, 23-25 Bridge Street, Pinner HA5 3HR United Kingdom

Tel : 0044-208-3432 3291 Fax : 044-208-9657586

Email : chan@farrellengineering.com









Category	:-	Gear Related Machines	Serial No	:-	
Model	:-	ZSTZ-10 (15)	Country	:-	Germany
Make	:-	Wmw NILES	Type of Machine	:-	Spur/Helical Gear Grinding Machine
Year	:-	0	Weight	:-	0.0
Dimensions	:-		Power	:-	
Location	:-	Germany	Asking Price	:-	On Request

Specifications :-

Model No. ZSTZ-10 (15) NILES Spur/Helical Gear Grinding Machine for grinding high-precision Spur and Helical gears, pinions/splines up to 59" (1500mm) dia., 17" (430mm) face. This machine was originally delivered new in 1985, and has been meticulously maintained by factory qualified service technicians through out its service history. The machine is capable of performing within DIN class/grade 4 precision parameters, and can be viewed in its present plant location, grinding sample gears, upon appointment. The machine corresponds to the attached catalog copy, and features the following: EQUIPMENT/FEATURES:- work drive through driven ball screw and fixed nut as well as high precision worm- transmission of rolling travel by change gears according to the rolling circle of the workpiece- indexing by built-in indexing unit including change gears and differential gearing- rolling feed rates driven by infinitely variable D.C. servo motor- infinitely variable numbers of double strokes- selective dressing rates- independent rotary table movement in either direction for truing workpiece and automatically measuring pitch error and concentricity- single flank and double flank grinding capability- hydrostatic guide-way of the ram- hydrostatic bearings of the rotary table- hydrostatic saddle guideways- lead crowning mechanism w/ tip and root relief- automatic dresser (with compensation of grinding wheel wear) for grinding normal as well as tip and root relieved tooth profiles. Pressure angle adjustable. Intermediate dressing can be preselected. (Dressing tools included)- motorized adjustment of column- motorized setting of helix angle, w/optical fine reading device w/5 second scale reading- Allen Bradley control providing automatic grinding cycles, new 1995- full complement of electrics (motors/controls) (Allen Bradley electrical switchgear cabinet)- automatic forced lubrication to all working elements- complete coolant system w/paper band filtering w/thermally controlled cooling for both grinding & lubricating oil

Descriptions :-