

teco – werkzeugmaschinen gmbh & co kg

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(This is a temporary description subject to change and amplification)

Stock No.: 6212

Subject to prior sale and our delivery conditions we can offer:

NILES Modell ZSTZ 08 new 1990/2002 Gear grinding machine

The machine was extensively overhauled in 2002 and is of very good condition. In 2002 the following parts were replaced by new parts: High precision grinding spindle SPAZ 110, ball screw for table, dressing frame, optical angle adjusting device, 3 control cards, pump unit of hydraulic system, cable connections to cabinet, approximation initiators, rework of worm bearing by Messrs. Niles. The machine offers various adjustment possibilities for different work and for a quick reset through high automation.

Main features:

- Hydrostatic guides for grinding head, table, and bed-slideways
- Separate line-up of work piece and tool carriers to avoid transmission motion faults
- Program control Allen Bradley (USA) PLC 3/20 with comprehensive diagnostic technology
- Dresser for sharpening and profiling (altitude correction) grinding wheel (New)
- Crowning attachment for grinding wide crowned gears, copying templates for height crowning
- Complete machine cover (housing)
- Electrostatic oil mist exhauster
- Cooling
- Outer steady

Technical datas:

Min/max gear diameter	50 – 800 mm
Max gear width	265 mm
Min/max module	2 – 14
Min/max no. of teeth	5 – 360
Max helix angle	45 °
Min/max diameter of grinding wheel	270 – 350 mm
Speed of grinding wheel	2450 U/min
Max. stroke length approx.	280 mm
Min/max. double-strokes, stepless	80 – 350 /min
Table load max.	800 kg
Table diameter	600 mm
Total power required	18 kW
Weight of the machine, approx.	19.000 kg
Space required l x w x h, approx.	5830 x 3310 x 2750 mm
Floor space	19,3 m ²

Accessories:

Electric cabinet, hydraulic cabinet, grinding oil container, cooling equipment, band filter, grinding wheels (25/32mm width) with complete adapters, set of changing gears (hardened and ground), change gear and accessory cabinet, helix angle adjusting device with optical fine reading, levelling shoes for aligning the machine on the foundation, operators and maintenance elements, operating instructions.

Price:

ex our warehouse, unpacked, uninsured, f.o.t.

€ _____,-

teco-werkzeugmaschinen GmbH & Co KG

Errors in dimensions, accessories and technical details accepted!