

teco – werkzeugmaschinen gmbh & co kg

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

Stock-No 5775

Gear grinding machine for large series
CNC REISHAUER RZP 1990
Condition: very good

The machine is particularly suitable for grinding helical gears in large series as in the automobile industry. All functions of the machine are controlled by a microprocessor. At a break down of electrical power the datas will be stored for at least 240 hours. The RZP employs the continuous generating profile grinding, the most efficient grinding process. It is new development that grinding is not done by cylindrical worm, but a worm with globoid similar formed outer contour. The advantages are: Enormously high cutting capacity, short grinding time, high accuracy at constant tooth thickness, high efficiency, constancy of quality.

Main features:

- REISHAUER electronic control for simple programming of workpiece parameters and grinding process.
- Automatic centering.
- Automatic profiling.
- Automatic workpiece loading & unloading system RLS for gears.

Technical features:

For gears min/max. diameter		55 – 120 mm
Max face width		52 mm
For shafts max. diameter		120 mm
Max work piece length		340 mm
Min/max module		1 – 3 mm
No. of teeth		13 – 80
Helix angle right - left		+/-15 - 40 °
Dimensions of grinding wheel	Min/max. diameter	300 – 400 mm
	Bore	203 mm
	Min/max. width	20 – 40 mm
Max grinding wheel speeds, stepless		1-1650 rpm
Max peripheral speed of grinding wheel		35 m/s
Backward pass of grinding wheel		35 mm
Min/max feed for roughing and finishing		0,2 – 4,0 mm/s
No. of work pieces per dressing cycle		1 – 99
Grinding wheel drive		6 kW
Total power required		22 kVA
Filtration system		17 kVA
Weight (machine), approx.		6.500 kg
Weight (filtration)		1.300 kg
Space required : l x w x h, approx.		6000 x 5000 x 3000 mm

Accessories:

1 Grinding wheel flange, 1 Grinding wheel , Turbo separator, Oil mist exhauster, Hydraulic system.

Price:

€ _____,-

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

teco-werkzeugmaschinen GmbH & Co KG

Errors in dimensions, accessories and technical details accepted!

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