

teco – werkzeugmaschinen gmbh & co kg

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

Stock.No. 6245

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

Gear shaping machine
LORENZ LS 1250 1979 S/N 13353
Condition: very good

For the production of spur and helical internal and external gears in an automatic programme cycle. The number of strokes can be pre-selected – individually through potentiometers - for each work piece within 3 ranges in total. In the programme cycle the pre-selected stroke rates adjust themselves automatically through the PIV- drive. For an easy set-up the cutting spindle can be moved into each desired position (within the adjustable stroke). The axes direction can be changed for the correction of faults of the cylindricity and for the correction of the distortion on hardening. Independently of the adjusted stroke and stroke length at the end of the cutting procedure the cutter will move into the highest position through an automatic feed back of cutting spindle. The toothing time is shortened through this procedure.

Machine data:

- Hydrostatics for spindle guides and bearings
- Stepless variable feeds
- Rapid travel of cutter
- Rapid travel for table drive (radial & tangential)
- Ram stroke fixation
- Hydraulically clamping
- Motorized adjustment of stroke
- Tooth correction (crowning)
- Cooling equipment



Technical details:

Min/max. module	1-12 mm
Min/max. gear-Ø external gearing	325-1250 mm
Min/max. gear-Ø internal gearing	530+d _{ks} – 1270-2X mm
Max. face width	200 mm
Table diameter	1255 mm
Table bore	400 mm
Table load	3250 kg
Max. stroke	230 mm
Stroke adjustable approx.	250 mm
Min/max. distance work spindle – table	265 – 765 mm
Strokes in 3 steps	10-340 stroke/min.
Generating feeds	2,5-250 mm/min / 0,0073-25 mm/stroke
Radial feeds	0,136-15 mm/min / 0,0004-1,5 mm/stroke
Radial rapid travel	2000 mm/min.
Rapid travel table / cutter	2 / 10 rpm
Main drive	15 kW
Connected load	37 kVA
Weight of machine	11.000 kg

Price:

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

€ _____,-

teco-werkzeugmaschinen GmbH & Co KG

Error in dimensions, accessories and technical details accepted