

teco – werkzeugmaschinen gmbh & co kg

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(Preliminary and incomplete description)

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

Stock-No. 9002

CNC High Speed Gear Grinding Machine **HÖFLER SUPRA 1604 / 2500 , new 1997** New price ~ 2. Mio. Euro

Gear grinding was never faster, more accurate, flexible and easier

The machine can grind spur and helical gears in one flank -, two flank- or contact line grinding. The machine is absolute wear-free through double clamped hydrostatic guides. Additional details: 2-bed construction. Cast iron for machine bed, column and outer steady is reducing vibration by thermostatic. Full automatic grinding cycle to finished size. Integrated measuring system for profile, flank line and pitch.

DIN 3-4 accuracy is possible under normal production conditions

Main data:

10-axes CNC control, BWO 788
HÖFLER software, hand control, modem, working cycle control for one flank -, two flank-, contact line and deep grinding, dynamic grinding wheel balancing device, start grinding automatic, pull back of grinding wheel when break down of current, SKF grinding spindle, attachment for grinding flank line corrections, hydraulic and oil cooling equipment, grinding oil device with band filter, steel cabinet with oil mist exhauster

Technical data:

Min./max. gear diameter	180 - 2500 mm
Max. face width	980 mm
Min./max. module	2 – 38 mm
No. of teeth	free choosing
Grinding slide (No. of double strokes)	20-200 p.min.
Min./max. helix angle left + right	35 °
Min./max. pressure angle	12 – 25°
Table diameter	1300 mm
Max. table load	10000 kg
No. of teeth of dividing gears	336
Peripheral speed of grinding wheel	35 or 45 m/s
Min/max diameter of grinding wheel / width	440/340 / 45 mm
Drive of grinding wheel	20 kW
Voltage	400 V 50 Hz
Machine weight approx.	35 t
Space required l x w x h, approx.	6900 x 6600 x 4100 mm

Accessories:

Measuring system for profile, flank line and pitch on the machine
Fire extinguishing equipment with infrared warn system

Price:
ex location, unpacked, uninsured

€ _____,-

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Error in dimensions, accessories and technical details accepted