

machine 6.101e

**CNC Gear Grinder HÖFLER, Model H 2500/3100,
yop 1974/1994 completely retrofitted by HÖFLER**



design features

- Full - CNC with colour screen for 10 axes
- X-/C-axes: generating - component
- Y-axes: diameter adjustment
- Z-axes: stroke positioning + length
- U- / W- / O- / Q-axes: dressing device
- V-axes : compensation of dressing amount
- B-axes: helix angle
- With cooling, but without evaporator
- Pitch testing device EVTm: The EVTm is suitable for use on gear cutting and measuring machines for checking the following: Tooth to tooth pitch errors, spacing errors, accumulated pitch errors, pitch span variations. Working range: module 1 - 40 mm, max. gear diameter: unlimited.



technical details

min/max. gear dia.	mm	500 – 3100
face width	mm	1160
min/max. module		3-32
min/max. number of teeth		24-768
grindable teeth number (prime number) Z		24-181
min/max. helix angle	degree	0 -35
min/max. pressure angle	degree	14,5 – 31
dia. table	mm	1400
max. table load	kg	15000
max. stroke of grinding slide	mm	1200
max adjustment of grinding slide	mm	300
speeds of grinding wheel	m/s	35 or 45
dia. of grinding wheel, min/max.	mm	300/500
bore of grinding wheel	mm	127
stroke of grinding wheel, step less	mm/min	30-200
work piece hob speed, step less	mm/min	90-900
voltage	V/Hz	380/50
total power approx.	KVA	140
weight of the machine approx.	kg	82.000
dimensions of the machine approx.	mm	12.000 x 9.100 x 5.400

Accessories

- Sundry spare parts
- Electrodynamic grinding wheel balancing unit