

## TECHNICAL DATA CNC-Gear Hobbing Machine

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manufacturer	<b>GLEASON PFAUTER</b>
type	<b>Genesis 130 H</b>
control	<b>SIEMENS 840D</b>
built	<b>2006</b>

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### working range

max. work piece diameter	130 mm
max. radial travel (X-Axis)	160 mm
max. tangential travel (Y-Axis)	220 mm
max. axial travel (Z-Axis)	350 mm
max. travel counter support (Z4-Axis)	350 mm
milling head swivelling angle	+/- 45 deg

### workpiece table

outer diameter	200 mm
clamping diameter	150 mm
inner bore	45 mm
max. table speed	1.000 1/min

### milling head

power	11,5	kW
max. modul	3	mm
max. milling speed	4.000	1/min
max. crown circle diameter of cutter	100	mm
max. cutter length	317	mm
max. cutter length (teethed)	240	mm

### feed and rapid traverse

Axis X	20	m/min
Axis Y	10	m/min
Axis Z	7	m/min

### Machine dimensions & weight

required space ca.	3,1 x 2,3 x 2,9	m
machine weight ca.	9.500	kg

### electrical supply data

total connected load	48	kVA
operating voltage	400	V
operating frequency	50	Hz
control voltage	24	V DC
wire cross section	35	mm <sup>2</sup>
fuse	125	A

### equipment

- designed for dry machining
- hydraulic power unit
- magnetic belt conveyor
- exhausting unit make REVEN
- heat exchanger for hydraulic oil temperature control system (without cooler unit)
- counterholder with lowering equipment and vertical adjustability
- swivelling ring loader with pickup unit (without conveyor belt)
- deburring unit