



GLEASON PFAUTER

P 2800

Stock no. :1022-E06195

MACHINE-DATA

Machinetype : Gear Hobbing Machine - Vertical
Make : GLEASON PFAUTER
Type : P 2800
Year : 2007
Control type : CNC
Control : Siemens 840 D
Storage location : Slowenien
Origin :
Delivery time : Immediately
Quotation : Ex Works
Price : on request



TECHNICAL DATA

max. wheel diameter	2800 mm
gear width	- mm
max. module	20/30
Control	Siemens 840 D
total power requirement	40 kW
weight of the machine ca.	50 t

TECHNICAL DESCRIPTION

The machine has only a few working hours and is like new.

With internal milling head.

Note: If you require an external milling head, we can offer it separately.

- *The price of a new machine is 2.3 million EUR*
- *With minimal operating hours, the machine is essentially new.*
- *It is one of Gleason's largest machines*
- *It has the possibility of dry or wet milling; and internal and external*



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gearing.

- *The machine underwent a comprehensive manufacturer's inspection in July 2023 and is in impeccable working order.*
- *Machine is currently partially assembled to allow potential buyers to verify all functionalities. If you wish to see the machine in operation, we have two identical machines running in our production facility, and you are welcome.*

CNC control Siemens 840 D

Nominal workpiece diameter: 2800 mm

Table diameter: 2500 mm

Pitch wheel diameter: 2,200 mm

Table bore diameter: 800 mm

Table bore depth: 875 mm

Machine nominal module

Hobbing approx. 20 mm gear

Milling approx.: 30 mm

Smallest/largest distance between milling cutter and workpiece axis: 600/1,735 mm

Largest axial slide path – special design: 1,000 mm

Largest champable hob diameter: 350 mm

Largest champable hob length: 375 mm

Swivel range of the milling head: + 30/- 45°

cutter arbor cone: HSK-B160 (hollow shank taper according to DIN 69063)

Largest milling cutter displacement path: 300 mm

SIEMENS path control SINUMERIK 840 D with 5 axes and 1 spindle (basic configuration) as well

as electronic gear (EG) and integrated safety functions.

MOTOR MILLING HEADS

- for INTERNAL gears: 11

Millable nominal module in steel with a strength of around 600 N/mm² approx. 25mm

Cutter speed range 25 - 150 rpm

Min./Max. Wheelbase 280/1,820 mm

Min. workpiece inner diameter approx. 1,000 mm

Max. workpiece ring thickness 240mm

Max. workpiece width 470mm

- EXTERNAL gears M2

-with the smallest external Ø 950 mm



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-with the largest external Ø 2800 mm

ADDITIONAL DATA

Table load capacity max.: 40.000 kg

Total power requirement: 40 kW

Weight of the machine: approx. 50 t

Dimensions of the machine: 7 x 4,5 x 4,75 m

VIDEO-LINKS

WEB-LINK

<http://mhp.logotech.de/hpm/v7/Datenblatt/datenblatt.php?machineno=1022-E06195>

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