

GLEASON / WELTER

WF 631

Stock no. :1022-H09064

MACHINE-DATA

Machinetype : Bevel Gear Generator - Spiral
Make : GLEASON / WELTER
Type : WF 631
Year : 2011
Control type : CNC
Control : Siemens 840 D
Storage location : Germany
Origin : Germany
Delivery time : Short-dated
Quotation : Ex Works
Price : on request



TECHNICAL DATA

Control Siemens 840 D
total power requirement 48 kVA

TECHNICAL DESCRIPTION

Siemens 840D Powerline CNC Control

Working range:

Maximum tooth ratio 10:1

Base angle range 8 to 90°

Maximum ring gear diameter 406.40 mm

*Maximum pitch circle diameter of the ring gear at 35° helix angle
and largest cutter diameter (12 inches) with the following tooth ratios:*

1:1 = 342.90 mm

2:1 = 406.40 mm



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5:1 = 406.40 mm

Maximum radial setting 177.40 mm

Maximum tooth height (full depth) 25.40 mm

Maximum tooth width 66 mm

Tooth count range 5 to 100

Up to 120 possible, possibly with special change gears upon request.

Workpiece Spindle

Diameter of the tapered bore at the wide end: 99.22 mm

Tap per 100 mm: 5.08 mm

Tap depth: 152.40 mm

Diameter of the entire spindle bore: 77.79 mm

Possible milling head diameters:

100, 125, 160, 200, 250, and 320 mm

Workpiece Spindle Settings:

Maximum offset above or below center: 57.15 mm

Maximum distance from machine center to spindle nose: 368.30 mm

Maximum milling head speed: 2000 rpm

Dimensions and Weight:

Space required including hydraulic unit, control cabinet, and chip conveyor: 2670 x 4280 mm

Height: 2540 mm

VIDEO-LINKS

WEB-LINK

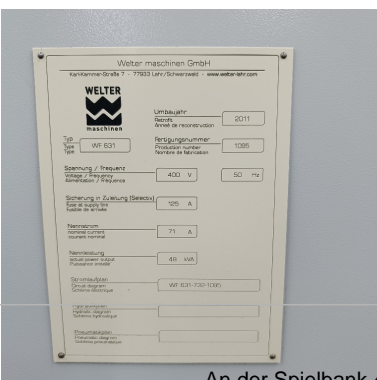
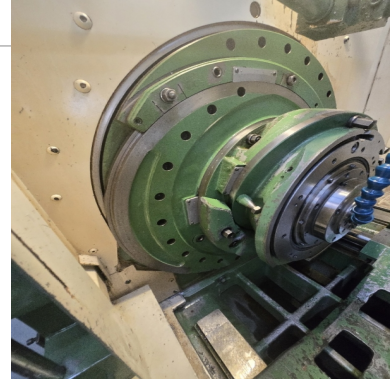
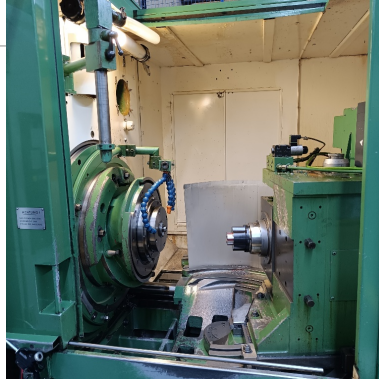
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Technical details and information subject to amendments and errors.