

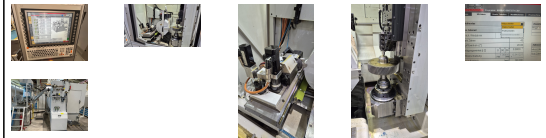
BURRI

BZ 331

Stock no. :1022-2432

MACHINE-DATA

Machinetype : Gear Grinding Machine
 Make : BURRI
 Type : BZ 331
 Year : 2015
 Control type : CNC
 Control :
 Storage location : Deutschland
 Origin : Germany
 Delivery time : Immediately
 Quotation : Ex site, loaded on truck
 Price : on request



TECHNICAL DATA

max. wheel diameter	330 mm
gear width	175 mm
max. module	6,0
min. module	0,8
centre distance	162 - 556 mm
shifting	100 mm
number of teeth	6 - 600
max.helical angle	45° deg.
pressure angle	14° - 30° deg.
grinding worm dia.	max. 350 mm
width of grinding worm	84/104 mm
number of starts	max. 5
workpiece weight	max. 60 kg
total power requirement	23 kVA
weight of the machine ca.	6,7 t

TECHNICAL DESCRIPTION

The machine is in excellent condition and has been used maximum in 1-shift operation.



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Generating and profil grinding.

In July 2023, the machine was fitted with a new PC (PC APC910 1.4GHz; 2x2048MB RAM) and received a software update for profile grinding.

Working hours (dated 09. April 2026):

Working hours since software update: 12,689 h

Working hours grinding/profiling: 1,976 / 134 h

The machine was overhauled in July and October 2023:

- Replacement of the X, Y, U and V ball screws, guides for the U and V axes, etc.

Minimum workpiece root diameter: 10 mm

Maximum workpiece tip diameter: 330 mm

Maximum grinding stroke: 175 mm

Maximum tooth width: 175 mm

Maximum workpiece weight: 60 kg

Center distances: 162 to 556 mm

Grinding worm dimensions:

Maximum outer diameter: 350 mm

Minimum root diameter: 250 mm

Width: 84/104 mm

Maximum module (with limitations): 6.0 mm

Number of threads: up to 5

Maximum usable width (shift travel): 100 mm

Tooth design:

Minimum number of teeth: 6

Maximum number of teeth: 600

Module with automatic centering: min./max. 0.8/6.0 mm

Pressure angle: min./max. 14/30 deg.

Maximum helix angle left and right: 45 deg.

Grinding screw speeds:

Grinding: 0 - 3500 rpm

Profiling: 0 - 150 rpm

Setup (special operating mode): max. 50 rpm

Gear Grinding Machine



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Workpiece speed with gearbox: max. 400 rpm

Workpiece speed with direct drive: max. 750 rpm

Maximum shift travel: 100 mm

Total connected load: 23 kVA

Machine weight: 6.7 t

VIDEO-LINKS

WEB-LINK

<http://mhp.logotech.de/hpm/v7/Datenblatt/datenblatt.php?machineno=1022-2432>

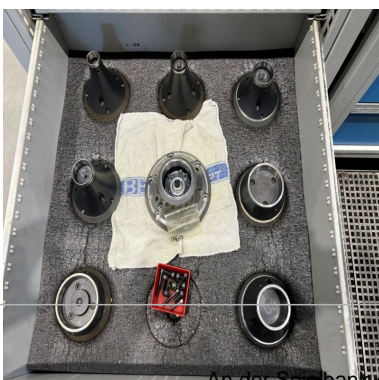
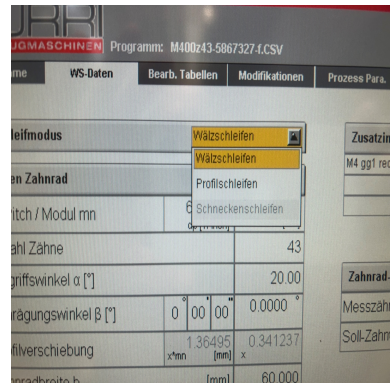
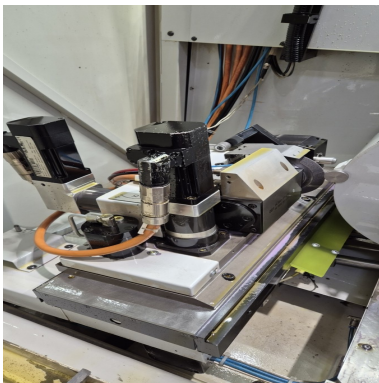
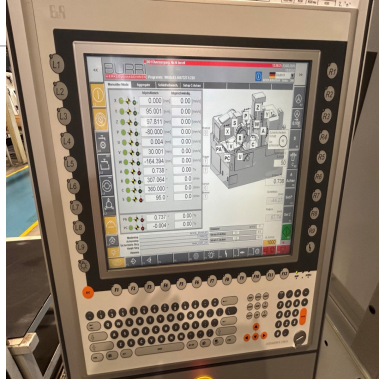
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Technical details and information subject to amendments and errors.

Knops Werkzeugmaschinen GmbH & Co. KG

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