

Data Sheet

Reference No.: 43582

Cylindrical Grinder - Universal

Brand: STUDER
Model: S 33
YoM, approx.: 2003 used
Reconditioned:
Controls: CNC controls FANUC 21I-TB



Working Range Cylindrical Grinding

workpiece weight between centers (max): 80 kg

Working Range External Grinding

grinding diameter (max): 350 mm
grinding length: 650 mm

Workpiece Spindlestock

spindle positioning: 0.005 °

tailstock

distance betw. centers (max): 650 mm
sleeve stroke: 35 mm
sleeve diameter: 50 mm
taper: MK 3

Spindlestock Grinding Spindle

tilting range (B-direction) min: 0 °
rotating range B-axis up to: 8.5 °
- mode of operation: manual

Grinding Tool

type of grinding tool: wheel
diameter (max): 500 mm
width: 63 mm

Spindlestock Internal Grinding

tilting range (B-direction) min: -15 °
rotating range B-axis up to: 195 °
- positioning/indexing: 1 °
- mode of operation: automatic

Electrical specifications

mains power supply: 20 kVA
mains voltage: 400 V
mains frequency: 50 Hz

Dimensions / weights

space requirements -left/right-: 2670 mm
space requirements -front/back-: 2100 mm
total height: 2000 mm
total weight approx.: 5000 kg

attachments (grinding)

internal grinding spindle: yes

Additional Information:

Machine in good and precise condition ± 0.003
Machine on central coolant system
including fixed dresser
On-time 44,000h

Equipped with 2 spindles:

1x internal grinding 40,000 rpm
1x external grinding

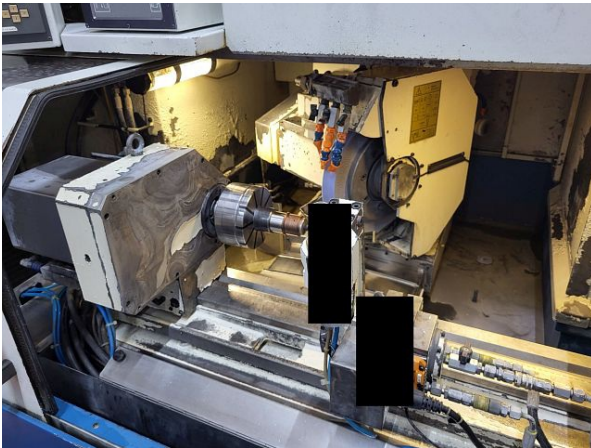
- additional internal grinding spindle 60,000 rpm
- magnetic chuck Ø150mm
- grinding head swiveling with Hirth toothing (OD/ID)
- swivel axis (B1 axis) automatic (Hirth 1°)
- Hirth toothing to B1 axis 1° (-15 to +195° automatic)

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Photos & Documents

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Innenraum

