

STUDER S40 CNC

Kind : Cylindrical grinder cnc
Brand : STUDER
Model : S40 CNC
Year : 2001
Serial Nr: 011.0533
Stock Nr : 10024



ID & OD grinding

TECHNICAL DETAILS

- number of axes : 4
- distance between centers : 1000 [mm]
- center height : 175 [mm]
- travels (Z/X) : 1.050 x 275 [mm]
- feeds max (Z/X) : 10 / 5 [m/min]

WHEELHEAD

- universal type : 2 external wheels (left & right),
1 internal
- external wheel dimensions : 400 x 80 x 127 [mm]
- motor power : 7,5 [kW]
- speeds : 1.670 - 2.110 [rpm]
- swivelling range : -15 to +225 [°]
- B-axis indexing precision : 0,001 [°]

WORKPIECEHEAD

- cone : SA50
- speeds : 1 - 1.027 [rpm]
- power : 0,8 [kW]

TAILSTOCK

- cone : CM3
- quill stroke : 35 [mm]

DIMENSIONS

- floor space : 3.700 x 2.300 [mm]

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- height : 2.200 [mm]
- weight : 7.000 [kg]
HOURS
- under power : 48.941 [h]

EQUIPMENT

- CNC FANUC 16 TB
- options Release B, Quick-Set, STForm & Pictogramming
- electronic deported handwheel
- 3 colors staus lamp
- 1 FISCHER MFV1275 electrospindle for ID
75.000 [rpm]
- fine B-axis for wheelhead indexing
- C-axis for workpiece indexing
- tailstock with fine adjustment of concentricity
- electronic contact detection device : Sensitron
- micrometric table swivelling adjustment : 8,5 [°]
- MOVOMATIC C65 autocalibration device with length probe
- HEIDENHAIN linear scales upon X/Z
- dressing device upon table
- dressing device upon workpiecehead
- dressing device upon tailstock
- air cushion lift-off for workpiecehead and tailstock
- cooling unit for wheel's motor
- pneumatic clamping pot with collet chuck
- mist extractor : ERNI SC610/D
- 1 OD wheel-holder
- 3 OD wheels
- collection of ID wheel-holders
- collection of fix centers
- three-points steady rest Ø : 5 - 140 [mm]
- balancing shaft
- 7 drawers bench