

## STUDER S40 CNC

**Kind :** Cylindrical grinder cnc

**Brand :** STUDER

**Model :** S40 CNC

**Year :** 2002

**Serial Nr:** 011.0579

**Stock Nr :** P1989



External grinding, 1600 between centers

### TECHNICAL DETAILS

- Number of axes : 4
- Distance between centers : 1600 [mm]
- Centers height : 225 [mm]
- LINEAR AXES
- Stroke X x Z : 275 x 1650 [mm]
- Resolution X x Z : 0,0001 [mm]
- WHEELHEAD
- Orientation angle : -15 / +225 [°]
- Indexing precision B-axis : 1 [°]
- External grinding on the left
- \* Wheel dimensions (Ø x width x boring) : 500 x 80 x 203,5 [mm]
- \* Peripheral speed : 50 [m/s]
- \* Power : 7,5 [kW]
- WORKHEAD
- Rotation speed : 0 - 1000 [Rpm]
- Taper type : ISO 50
- Power : 4 [kW]
- Indexing precision C-axis : 0,001 [°]
- TAILSTOCK
- Internal taper : MT3
- Quill stroke : 35 [mm]

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**ELECTRIC SUPPLY**

- Supply voltage : 400 [V]

**FLOOR SPACE**

- Floor dimensions : 5.200 x 2.300 [mm]

- Machine height : 2.084 [mm]

- Machine weight : 7.000 [kg]

**MACHINES HOURS**

- Working hours : 20.380 [h]

**EQUIPMENT**

- CN FANUC 16-TB

- Interface : RS232

- Electronic deported crank handle

- Direct measuring scales on axes X and Z

- Electronic touch detection : Sensitron

- Auto-calibrating device with length probe

**MARPOSS T25**

- Fixed wheel dresser upon workhead

- Tailstock

\* with fine concentricity adjustment

\* with hydraulic retraction through pedal

\* with pneumatic lifting

- Coolant tank : 375 [l]

\* With paper filtering unit : STREULI SPB4

\* With magnetic pre-filter

- Cooling unit for wheel motor

- Electrical cabinet air conditioning

- Mist aspiration : ERNI SC-610/D

- Balancing shaft

- 3 external wheel-holders

- 3 external wheels

- Set of spare parts