

## STUDER S 40 CNC

**Kind : Cylindrical grinder cnc**  
**Manufacturer : STUDER**  
**Model : S 40 CNC**  
**Year : 1998**  
**Serial : 011.0303.90.051**  
**Stock : 9809**



### TECHNICAL DETAILS

- distance between centers	: 1000 [mm]
- centers height	: 175 [mm]
- strokes (Z/X)	: 1050 x 275 [mm]
- max. feeds (Z/X)	: 10 x 5 [m/min]
- grinding wheelhead type	: 2 external, 1 internal
- left external grinding wheel dimension	: 500 x 63 x 127 [mm]
- right grinding wheel dimension	: 400 x 63 x 127 [mm]
- grinding wheel motor power	: 7,5 [kW]
- rotation speed	: 1670 - 2110 [Rpm]
- grinding wheelhead orientation	: -15 to +225 [°]
- resolution	: 0.001 [°]
- workhead taper	: MT5
- workhead rotation speed	: 1 - 1027 [Rpm]
- workhead power	: 0,785 [kW]
- tail stock	: MT3
- quill stroke	: 35 [mm]
- weight	: 7000 [kg]
- hours under power	: 47.959 [h]

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**EQUIPMENT**

- control CNC FANUC 16 TB
- programming through Pictogramming
- Release B version B275
- deported electronic handwheel
- 2 grinding wheels left-right internal at 180 [°]
- B axis for indexing of the grinding wheelhead every 0,001 [°]
- high precision C axis for part indexing and form grinding
- tail stock with fine concentricity adjustment
- sensitron
- upper table swiveling fine adjustment
- control pedal
- lenght positioning device MARPOSS E32R with sensor T25G
- measuring scales HEIDENHAIN on X/Z
- coolant tank with pump
- 1 grinding wheel holder flange
- 1 grinding wheel
- 1 dry center
- 1 electro-spindle : 40.000 [Rpm]
- tail stock hydraulic retract through pedal