

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