



CNC CYLINDRICAL GRINDING MACHINE - STUDER S33 CNC

Grinding machines

Brand :	STUDER
Model:	S33
Year:	2005
Serial number :	027.0287

TECHNICAL DETAILS & EQUIPMENT

- distance between points: 650 [mm]

- peak height: 175 [mm]

strokes (X/Z): 285 / 800 [mm]table orientation: 0 - 8.5 [°]

PULLEY WHEEL HOLDER

- dimensions of grinding wheels: 500 x 63 x 203.2 [mm]

- peripheral speed: 50 [m/sec]

- power : 7,5 [kW]

- B axis indexing accuracy (manual): 1 [°]

PIECE HOLDER DOLL

- cone: CM5

- speeds : 1 - 1500 [tr/min]

power: 1.6 [kW]bore: 30 [mm]

- C axis indexing accuracy: +/- 0.5 [°]

COUNTERPOINTS

- cone: CM3

- diameter of the sleeve: 50 [mm]

- sleeve stroke: 35 [mm]

POWER SUPPLY

voltage: 400 [V]frequency: 50 [Hz]

DIMENSIONS

- floor area: 2850 x 2200 [mm]

- height: 1800 [mm]

- machine weight: 5,300 [kg]

HOURS

- hours under power: 6,870 [h]

Equipment

- CNC control FANUC 21i-TB
- remote electronic handwheel
- programmable constant cutting speed
- direct measurement rules

- tailstock with fine concentricity adjustment
- hydraulic recoil of the tailstock sleeve
- automatic workpiece length sensing device
- contact detection SENSITRON 2
- fixed dressage on tailstock
- lubrication tank: 375 [l]
- * with paper filtration: STREULI SPB4
- 14 wheel flanges
- 7 grinding wheels
- balancing shaft
- hub puller