



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