



CNC CYLINDRICAL GRINDING MACHINE - STUDER S33

Machines sold

Brand :	STUDER
Model :	S33
Year :	2005
Serial number :	027.0192

TECHNICAL DETAILS & EQUIPMENT

Distance between points: 650 [mm]

Tip height: 175 [mm]

Strokes (X/Z): 285 / 800 [mm]

Table orientation: 0 – 8.5 [°]

PULLEY WHEEL HOLDER

Grinding wheel dimensions: 500 x 63 x 203.2 [mm]

Programmable peripheral speed: 0 – 50 [m/sec]

Power: 7.5 [kW]

Manual orientation on stops: 0 and 30 [°]

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]

Stroke of the sleeve : 35 [mm]

POWER SUPPLY

Voltage: 400 [V]

Frequency: 50 [Hz]

Machine weight: 5,300 [kg]

Cutting hours: 7,234 [h]

Equipment

FANUC 21i-TB CNC control

Option Studer Release D with pictogramming

Option Program check with handwheel

Extensive training functions

Remote electronic handwheel

Programmable constant cutting speed

Direct X and Z measurement rules

MOVOMATIC C25 measuring arm for automatic length positioning

Tailstock with fine concentricity adjustment

Hydraulic tailstock retraction with foot pedal

Supporting bezel Ø : 4 – 88 [mm]

Contact detection SENSITRON 2

Fixed dressage on tailstock

Lubrication tank: 375 [l]

* with paper filtration STREULI SAM5/SPB4

ERNI dust extraction

1 wheel flange

1 grinding wheel

2 tips