

STUDER S242

Kind : Cylindrical grinder cnc
Manufacturer : STUDER
Model : S242
Year : 2010
Stock : T13941



TECHNICAL DETAILS

- Number of axes	:
- Distance between centers	: 400 [mm]
- Useful diameter	: 180 [mm]
LINEAR AXES	
- Travel X1 x X2	: 220 [mm]
- Travel Z	: 850 [mm]
- Resolution X x Z	: 0,0001 [mm]
TURRET	
- Number of fixed positions	: 12
- Tool holder	: VDI 30
GRINDING-WHEEL HOLDER HEADSTOCK	
- Right external grinding (pos.1)	:
* Grinding wheel dimensions (Ø x width x boring)	: 400 x 50 x 127 [mm]
* Training power	: 6.8 [kW]
PART-HOLDER HEADSTOCK	
- Max rotation speed	: 7500 [Rpm]
- Rotation speed (synchronous operation)	: 1 - 5000 [tr/min]
- Taper type	: CM4
- C axe	: 0.001 [°]
- Training power	: 10.5 [kW]
TAILSTOCK	
- Max rotation speed	: 7500 [Rpm]
- Rotation speed (synchronous operation)	: 1 - 5000 [tr/min]
- C axe	: 0.001 [°]
- Internal taper	: MK4

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- Micrometric adjustment : +/- 40 [microns]
- Training power : 10.5 [kW]
ELECTRICAL SUPPLY
- Power : 45 [KVA]
FLOOR SPACE
- Floor dimensions : 2800 x 3960 [mm]
- Machine weight : 7600 [kg]
MACHINE HOURS
- Hours under power : 57000 [h]

EQUIPMENT

- CN FANUC 310i-modelA
- StuderWIN software
- Interface : RS232C
- Remote electronic handwheel
- Turret with length probe Renishaw LP2
- Marposs probes for diameters (multirange)
and Z4 axes pour positioning
- Semi-automatic balancing MPM.3 BMT100
M.24
- Lubricating tank 480 L
* with paper filtration
* with magnetic filter
- Chips conveyor
- Oil mist suction
- Cooling unit for wheel motor
- Electronic contact detection Dittel AE6000
- Fixed diamond grinding device
- Electrical cabinet air conditioning
- Balancing shaft
- Interface for automatic loading system