

## Data Sheet

Reference No.: 45876

## Cylindrical Grinder - External

Brand: STUDER  
 Model: S 242  
 YoM, approx.: 2008 used  
 Reconditioned:  
 Controls: CNC controls FANUC 310I-A



### Working Range Cylindrical Grinding

swing diameter (max): 180 mm  
 workpiece weight between centers (max): 25 kg

### Working Range External Grinding

grinding diameter (max): 400 mm  
 grinding length: 1000 mm

### tailstock

distance betw. centers (max): 1000 mm  
 taper: MK 4  
 Z-axis travel: 1600 mm

### Spindlestock Grinding Spindle

X-axis travel: 220 mm  
 Z-axis travel: 1600 mm  
 tilting range (B-direction) min: 0 °  
 rotating range B-axis up to: 25 °  
 drive power: 6.8 kW

### Grinding Tool

type of grinding tool: wheel  
 diameter (max): 400 mm  
 borehole: diameter: 127 mm

### Electrical specifications

mains power supply: 45 kVA  
 mains voltage: 400 V  
 mains frequency: 50 Hz

### Dimensions / weights

space requirements -left/right-: 7500 mm  
 space requirements -front/back-: 4800 mm  
 total height: 2500 mm  
 total weight approx.: 10000 kg

### attachments (grinding)

profile grinding attachment: yes

### Additional Information:

Cylindrical grinding machines with hard turning

- Flexible automated combination finishing machine with cylindrical grinding and hard turning.
- Equipment 2x grinding wheels Ø400mm, 1x turret (hard turning) 12 tool stations
- 50 pcs. exchange stations / pallets
- C axis compatible with various clamping devices
- Designed for 2 in-process measuring systems (Marposs)
- 2 x external grinding wheels Ø400 (1x 0° left / 1x 25° right)
- Measuring probe integrated in the rotary turret --> annual maintenance carried out.

### Seller:

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**Photos & Documents**

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