

## STUDER S36 CNC

**Kind : Cylindrical grinder cnc**  
**Manufacturer : STUDER**  
**Model : S36 CNC**  
**Year : 2004**  
**Serial : 114**  
**Stock : 9516**



### TECHNICAL DETAILS

- Number of axes	: 3
- Centers height	: 175 [mm]
- Distance between centers	: 1000 [mm]
LINEAR AXES	
- Grinding length	: 500 [mm]
- Travels X x Z	: 267 X 650 [mm]
GRINDING WHEEL HOLDER HEADSTOCK	
- Continuous orientation	: +/-8,5 [°]
- External wheel dimensions	: 500 x 80 x 203 [mm]
- Grinding wheel holder headstock power	: 7,5 [kW]
- Cutting speed	: 44 [m/s]
PART HOLDER HEADSTOCK	
- Taper type	: CM5
- Axis C	: +/-0.5[°]
- Power	: 1 [kW]
- Rotation speed	: 30-1000 [Rpm]
TAILSTOCK	
- Taper type	: CM3
- Quill travel	: 35 [mm]
- Quill diameter	: 50 [mm]
- Max. part weight between centers	: 130 [kg]
ELECTRIC SUPPLY	
- Supply voltage	: 400V 50 Hz
- Machine dimensions	: 2700 x 2350 x H. 2100 [mm]
- Weight	: 4 000 [kg]

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**HOURS**

- Working hours : 17.775 [h]

**EQUIPMENT**

- CNC FANUC 16i-TA control

- Pictogramming

- Studer RELEASE C

- Electronic handwheel

- SENSITRON

- Dynamic balancing device : Hydrobalance HBA 40000-1

- Automatic length probe arm MOVOMATIC  
C25

- Automatic outer diameter probe arm in-  
process MOVOMATIC

- Grinding wheel safety guard with automatic  
toppling

- Fixed grinding device upon part-holder  
headstock

- Coolant tank : 375 [l]

- Paper filtering unit

- Oil mist extractor

- Wheel-holders flanges