



Inventory number: 22081

CNC cylindrical grinder
STUDER S 31 LEAN CNC
GE FANUC Series 21i-T
2002



Technical data

| | |
|---|---------------|
| Centre height | 175 mm |
| Distance between centres | 650 mm |
| Workpiece weight on centres max. | 80 kg |
| Grinding wheel right and left hand | |
| Grinding wheel: | |
| Diameter | 500 mm |
| Width | 63 mm |
| Bore | 203 mm |
| Turret grinding tool holder for ext. and int. | 2+1 |
| Grinding wheel speeds: | |
| from | 1400 rpm |
| up to | 3200 rpm |
| Rotatable grinding spindle head (b-axis) | 1 ° |
| Peripheral speed | 50 m/s |
| Longitudinal slide: | |
| Max. travel | 800 mm |
| Transversal slide: | |
| Max. travel | 254 mm |
| Work piece spindle head: | |
| speeds: | |
| from | 1 rpm |
| up to | 1000 rpm |
| Typing speed | 30 rpm |
| rotatable | -15 / + 195 ° |
| taper in spindle: MT | 4 |
| Required power | 2.8 kW |
| Tailstock: | |

| | |
|--------------------------------|-----------|
| con regolazione micrometrica | |
| Taper in tailstock: | 3 MT |
| Spindle stroke | 35 mm |
| Spindle diameter | 50 mm |
| Air connect | 5 - 7 bar |
| Voltage 50 Hz 3x | 380 Volt |
| Grinding spindle motor | 7.5 kW |
| Total power required | 32 kVA |
| Machine's weight about | 5200 kg |
| Various accessories: | |
| Pneumatic lifting | |
| Preparation for coolant device | |
| Touch probe MARPOSS | |
| Internal grinding attachment: | |
| Number of spindles | 1 |
| Grinding wheel speeds: | |
| up to | 30000 rpm |
| Lamp | |
| RS-232 Interface | |
| Notes: | |
| Machine refurbished | 2025 |





