



Inventory number: 22666

CNC cylindrical grinder  
STUDER S 21 lean CNC  
GE FANUC Series 21i-T



### Technical data

|                                  |                   |
|----------------------------------|-------------------|
| Centre height                    | 125 mm            |
| Distance between centres         | 400 mm            |
| Workpiece weight on centres max. | 30 kg             |
| Grinding wheel left side:        |                   |
| Diameter                         | 400 mm            |
| Width                            | 40 mm             |
| Grinding wheel right side:       |                   |
| Diameter                         | 400 mm            |
| Width                            | 40 mm             |
| B axis resolution max.           | 1 °               |
| B axis swivelling range          | -15 / +195 °      |
| Grinding wheel speeds:           |                   |
| Peripheral speed                 | 35 m/s            |
| Cross travel CNC                 | 254 mm            |
| Feed speed up                    | 0.001-5000 mm/min |
| Longitudinal slide:              |                   |
| Max. travel                      | 483 mm            |
| Work piece spindle head:         |                   |
| stepless                         |                   |
| from                             | 1 rpm             |
| up to                            | 1500 rpm          |
| Spindle hole                     | 26 mm             |
| taper in spindle: MT             | 4                 |
| Tailstock:                       |                   |
| Taper in tailstock:              | 3 MT              |
| Table speed:                     |                   |

|                                 |                    |
|---------------------------------|--------------------|
| from                            | 0.001-10000 mm/min |
| Voltage 50 Hz 3x                | 400 Volt           |
| Grinding spindle motor          | 3 kW               |
| Total power required            | 20 kVA             |
| Machine's weight about          | 4300 kg            |
| Overall dimensions machine:     |                    |
| Length                          | 2300 mm            |
| Width                           | 2000 mm            |
| Height                          | 2100 mm            |
| Various accessories:            |                    |
| Coolant system                  |                    |
| Magnetic separator              |                    |
| Paper filtration system         |                    |
| Touch probe MARPOSS             |                    |
| Measuring device                | MOVOMATIC CR257    |
| Internal grinding attachment:   |                    |
| Number of spindles              | 1                  |
| Grinding wheel speeds:          |                    |
| up to                           | 60000 rpm          |
| Set of flanges                  |                    |
| Balancing support               |                    |
| Lamp                            |                    |
| CNC cycle redressing unit       |                    |
| Redressing attachment hydraulic |                    |
| Tailstock with fine adjustement |                    |
| Feed SENSITRON                  |                    |
| Oil mist extractor              | FIBARON            |































