



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





