

SAM 022081**STUDER Type S 31 LEAN CNC**

Group	CNC cylindrical grinder
Manufacturer	STUDER
Type	S 31 LEAN CNC
Commander	GE FANUC Series 21i-T
Serial No.	031.0068
Etat	rebuilt with guarantee
Year	2002

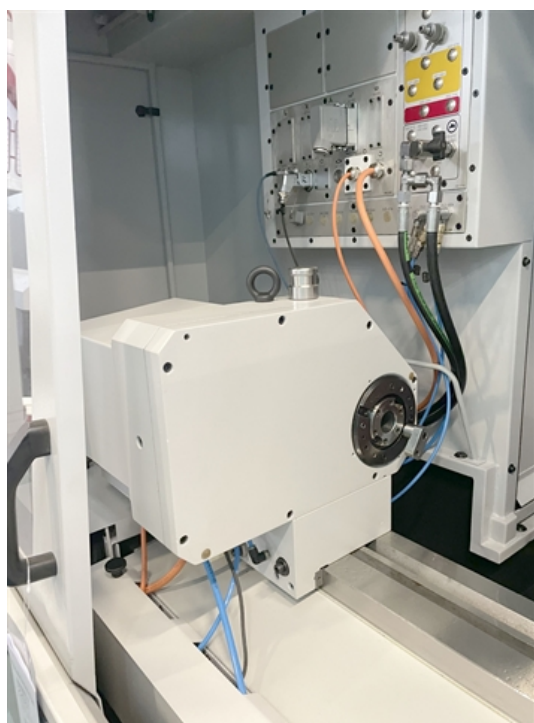


Centre height	175 mm
Distance between centres	650 mm
Workpiece weight on centres max.	80 kg
Grinding wheel right and left hand	
Grinding wheel:	
Diameter	500 mm
Width	63 mm
Bore	203 mm
Turret grinding tool holder for ext. and int.	2+1
Grinding wheel speeds:	
from	1400 t/min
up to	3200 t/min
Rotatable 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 t/min
up to	1000 t/min
Typing speed	30 t/min
rotatable	-15 / + 195 °
taper in spindle: MT	4
Required power	3 kW
Tailstock:	
con regolazione micrometrica	
Taper in tailstock:	3 CM
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
Overall dimensions machine:	
Length	3'000 mm
Width	2200 mm

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Height	2100 mm
Various accessories:	
Pneumatic lifting	
Preparation for coolant device	
Touch probe MARPOSS	
Internal grinding attachment:	
Number of spindles	1
Grinding wheel speeds:	
up to	30000 t/min
Lamp	
RS-232 Interface	
Notes:	
Machine refurbished	2025







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