

SAM 023333**STUDER Type S 33 CNC**

Group	CNC cylindrical grinder
Manufacturer	STUDER
Type	S 33 CNC
Controller CNC	GE FANUC Series 21i-TB
Year	2007



Centre height	175 mm
Distance between centres	650 mm
Max. grinding diameter	mm
Workpiece weight on centres max.	120 kg
Grinding wheel:	
Diameter	500 mm
Width	63 mm
Bore	mm
max. grinding wheel width	80 mm
Rotatable grinding spindle head (b-axis)	-15 / +195 °
Peripheral speed	44/35 m/s
Longitudinal slide:	
Max. travel	285 mm
Feed range	5000 mm/min
Resolution of the scale	0.0001 mm
Transversal slide:	
Max. travel	1150 mm
Resolution of the scale	0.0001 mm
Feed range	10000 mm/min
Work piece spindle head:	
speeds:	
from	1 t/min
up to	1500 t/min
Tailstock:	
Tailstock travel of barrel	35 mm
Max. table angular displacement	8.5 °
Air connect	5.5 bar
Voltage 50 Hz 3x	400 Volt
Grinding spindle motor	7.5 kW
Total power required	20 kVA
Machine's weight about	5000 kg
Overall dimensions machine:	
Length	2'620 mm
Width	2090 mm
Height	2000 mm

Various accessories:

High resolution C-axis
 Coolant system
 Paper filtration system

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Internal grinding attachment:

Grinding wheel speeds:

up to

40000 t/min

Lamp

Oil mist extractor

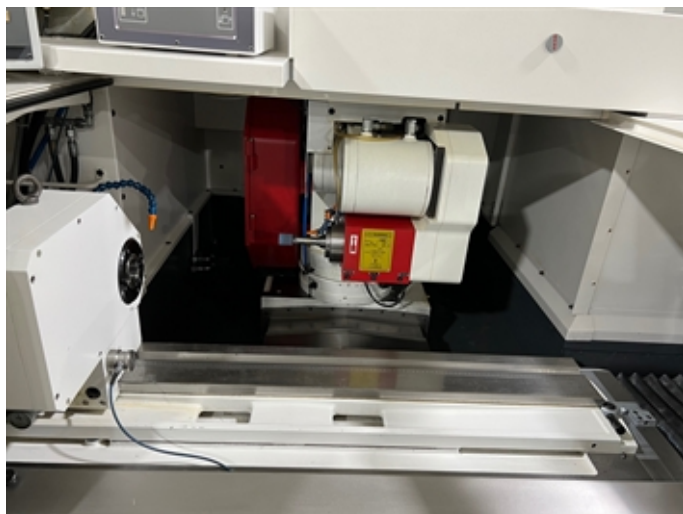
Air-Fresh-Service

Handwheel electroinic

DITTEL Sensitron Proximity System



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