MULLER MACHINES SA
top second hand and new precision machine tools

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SAM 023247 **STUDER Type S 41**

Group	CNC cylindrical grinder
Manufacturer	STUDER
Type	S 41
Controller CNC	GE FANUC Series 31i-Model A
Youtube video	https://youtu.be/itej7G12hP8

Centre height	225 mm
Distance between centres	1000 mm
Max. work piece diameter	550 mm
Travels:	
Z axis	1150 mm
X axis	350 mm
Workpiece dimensions:	
Diameter	550 mm
Height	1000 mm
Weight	250 kg
Grinding wheel:	
Diameter	500 mm
Width	32-80 mm
B axis resolution max.	0.0005 °
Grinding spindle head:	
B axis swivelling range (automatic)	-45° - 225 °
Peripheral speed	50 / 80 m/s
Internal grinding spindle bore	120 mm
speeds:	
from	750 t/min
up to	4500 t/min
Tailstock:	
Spindle stroke	60 mm
Spindle diameter	60 mm
Air connect	5 bar
Voltage 50 Hz 3x	400 Volt
Workpiece spindle motor	15 kW
Machine's weight about	9000 kg

Various accessories:

High resolution C-axis
Coolant system
B axis
Redressing device

Internal grinding attachment:	
Number of spindles	1
Grinding wheel speeds:	
from	24'000 t/min
up to	42'000 t/min

Vertical Grinding Spindle

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Lamp
Status light
PC system
Electronic hand held control
Foot pedal

With external grinding, internal grinding and Y-axis
High-resolution C-axis + B Axis
Without tailstock

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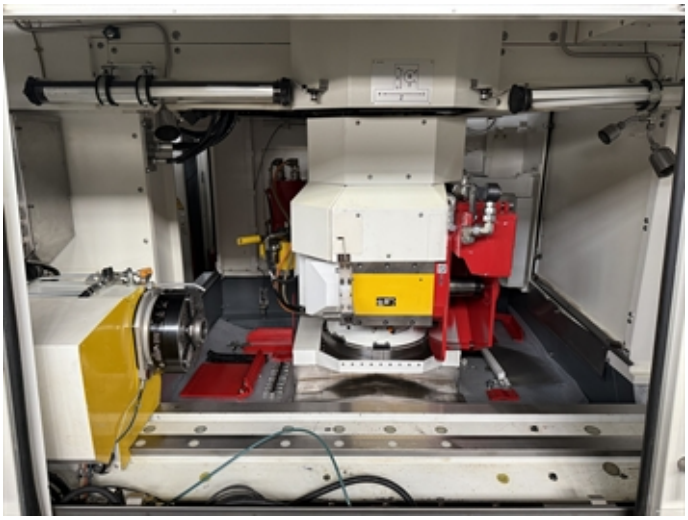

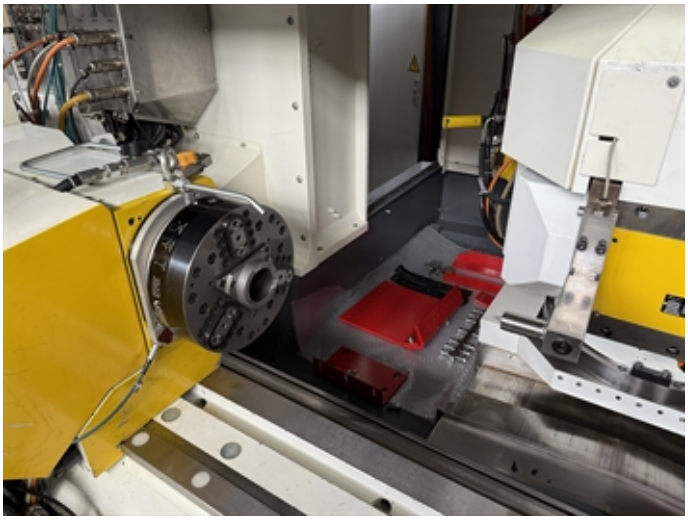

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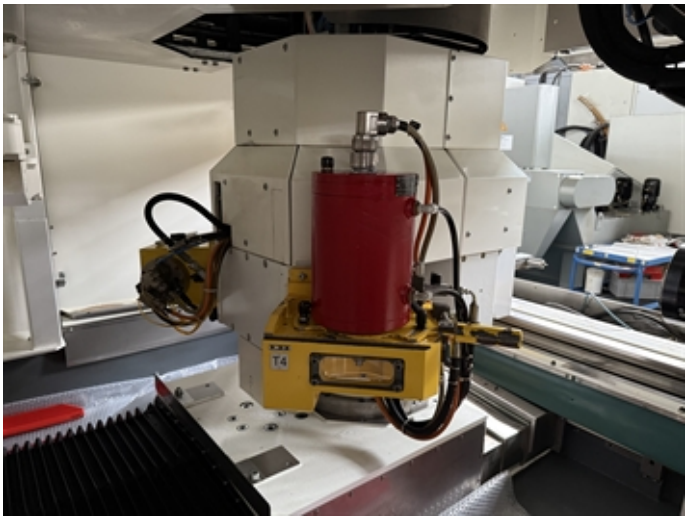

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