MULLER MACHINES SA
top second hand and new precision machine tools

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SAM 023197 **STUDER Type S 30 LEAN PRO**

Group	CNC cylindrical grinder
Manufacturer	STUDER
Type	S 30 LEAN PRO
Controller CNC	GE FANUC Series 16-T
Youtube video	https://youtu.be/JiQExMP8dLc

Centre height	175 mm
Distance between centres	1000 mm
Workpiece weight on centres max.	130 kg
Grinding wheel:	
Grinding weehl left side:	
Diameter	400 mm
Width	80 mm
Bore	127 mm
Grinding wheel right side:	
Diameter	400 mm
Width	80 mm
Bore	127 mm
Turret grinding tool holder for ext. and int.	
Turret grinding tool holder num. of spindles	3
Grinding wheel speeds:	
Peripheral speed	35 m/s
Swiveling universal wheel head external plan and internal grinding every 1° programmable.	
Cross travel CNC	275 mm
Feed speed up	0.001-5000 mm/min
Rapid feed motion	5 m/min
Longitudinal slide:	
Max. travel	275 mm
Max. grinding length	1050 mm
Resolution of the scale	mm
Transversal slide:	
Resolution of the scale	mm
Work piece spindle head:	
stepless	
from	30 t/min
up to	1000 t/min
taper in spindle: MT	5
Taper in tailstock:	3 CM
Tailstock travel of barrel	35 mm
Table speed:	
stepless	
from	0.001 mm/min
up to	10000 mm/min
Max. table angular displacement	5 °
Voltage 50 Hz 3x	400 Volt

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Grinding spindle motor	7.5 kW
Total power required	30 kVA
Machine's weight about	4800 kg
Overall dimensions machine:	
Length	4’500 mm
Width	2300 mm
Height	2200 mm

Various accessories:

Redressing device

Internal grinding attachment:

Grinding wheel speeds:

up to 60000 t/min

Set of flanges

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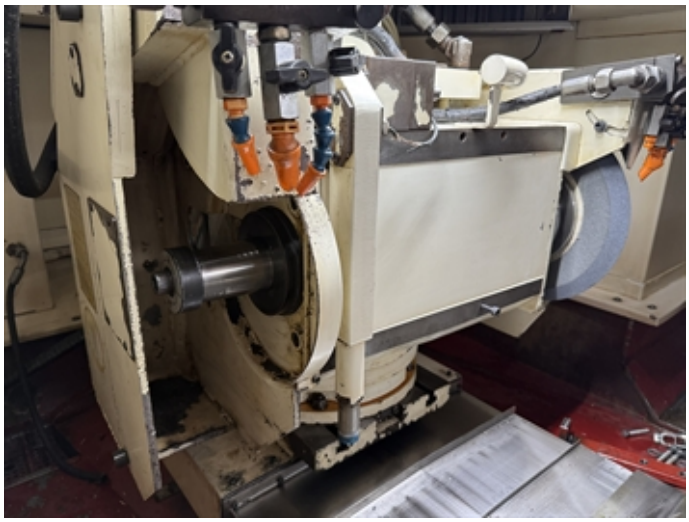

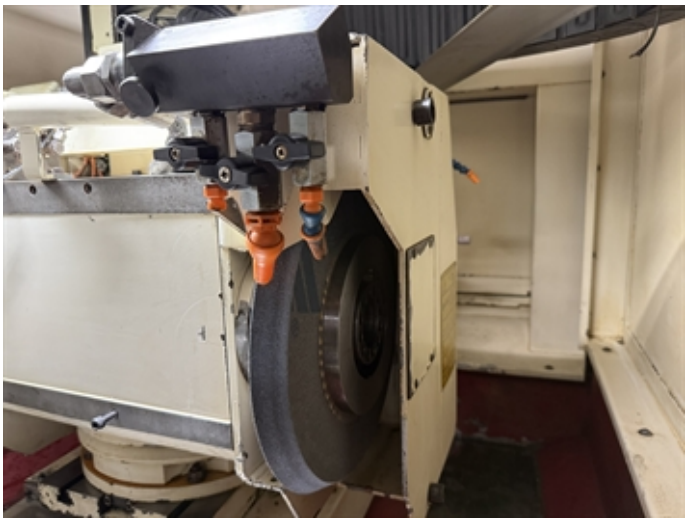

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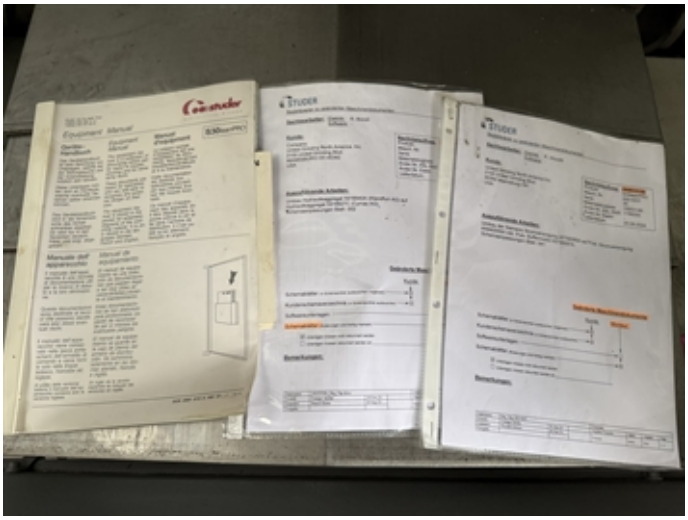
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