MULLER MACHINES SA
top second hand and new precision machine tools

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SAM 023835 **STUDER Type S 20-12**

Group	Cylindrical grinder
Manufacturer	STUDER
Type	S 20-12
Controller CNC	SPS SIEMENS SIMATIC HMI TOUCH

Centre height	100 mm
Distance between centres	400 mm
Max. Longitudinal travel	400 mm
Grinding wheel:	
Diameter	350 mm
Width	50 mm
Bore	mm
grinding wheel width	50 mm
Table load max.	20 kg
Workpiece weight on centres max.	20 kg
Grinding wheel speeds:	
Peripheral speed	30 m/s
Angular displacement	15 / 30 °
Work piece spindle head:	
speeds:	
stepless	
from	30 t/min
up to	1200 t/min
rotatable	90 °
Spindle taper	4 CM
Table angular displacement	30 °
X axis (transversal)	0.01-9 mm/min
Table speed:	
stepless	
from	100 mm/min
up to	3500 mm/min
Voltage 50 Hz 3x	380 Volt
Internal Grinding wheel motor	1 kW
Total power required	10 kVA
Machine's weight about	1'500 kg
Overall dimensions machine:	
Length	1600 mm
Width	1400 mm
Height	1600 mm

Various accessories:
Touch screen
Electronic handwheels
Tailstock with fine adjustement
Coolant system

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Safety device

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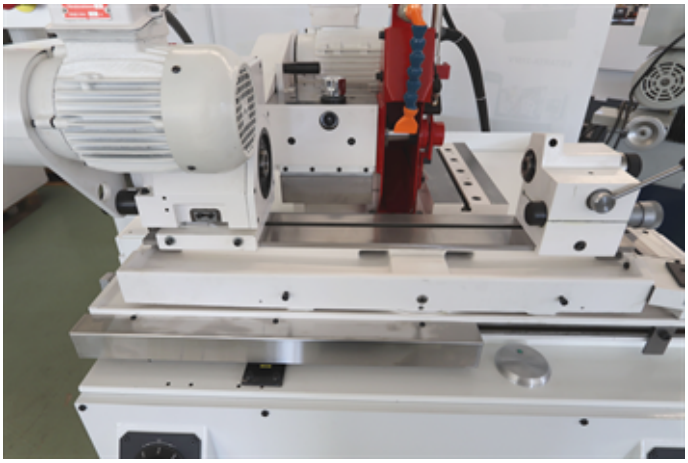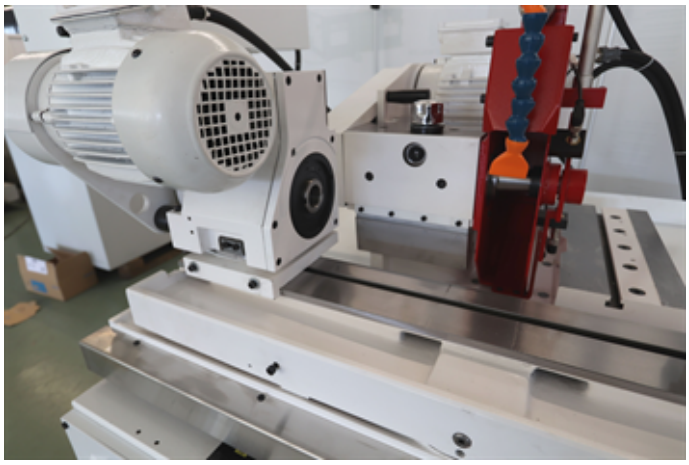
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