MULLER MACHINES SA
top second hand and new precision machine tools

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SAM 022575 **KELLENBERGER Type KEL-VARIA RS 175 / 1000**

Group	CNC cylindrical grinder
Manufacturer	KELLENBERGER
Type	KEL-VARIA RS 175 / 1000
Controller CNC	KELCO 80

Centre height	175 mm
Distance between centres	1000 mm
Max. grinding diameter	349 mm
Travels:	
Z axis	1150 mm
X axis	320 mm
Workpiece weight on centres max.	150 kg
Grinding wheel right side:	
Diameter	500 mm
Width	80 mm
Bore	127 mm
Grinding wheel speeds:	
from	1500 t/min
up to	1800 t/min
Resolution	
Rotatable grinding spindle head (b-axis)	240 °
Peripheral speed	32 m/s
Indexing automatic	0.1 °
Rapid feed motion	10 m/min
Work piece spindle head:	
speeds:	
stepless	
from	5 t/min
up to	500 t/min
Holding taper:	5 CM
rotatable	-30 / +120 °
Taper in tailstock:	4 CM
Spindle stroke	50 mm
Table speed:	
stepless	
from	m/min
up to	8 m/min
Max. table angular displacement	9 °
Air connect	4 bar
Voltage 50 Hz 3x	380 Volt
Grinding spindle motor	7.5 kW
Workpiece spindle motor	3 kW
Machine's weight about	6000 kg
Overall dimensions machine:	
Length	3’600 mm

Industriestrasse 22
CH-2555 Brügg BE / Switzerland
T +41 32 373 34 44
sales@mullermachines.ch
CHE-108.090.645 MWST

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Width	2000 mm

Various accessories:
Coolant system
Touch probe MARPOSS
Measuring head MARPOSS
Positionar Passiv
Grinding wheel with flange
Lamp
Tailstock with fine adjustement

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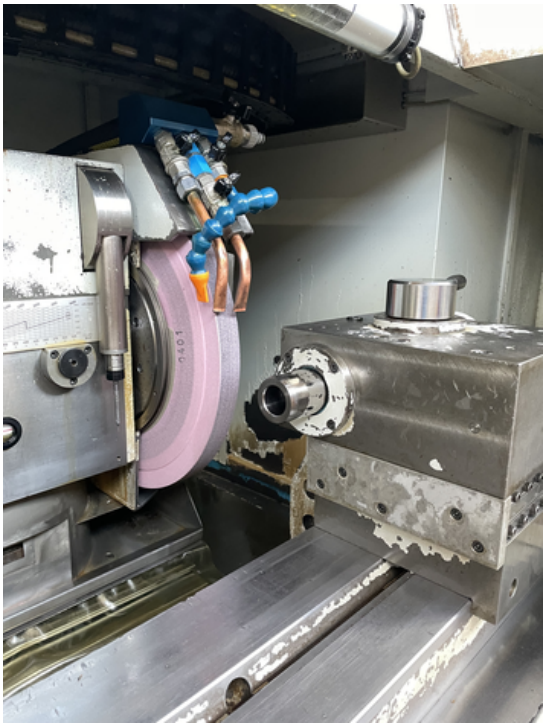

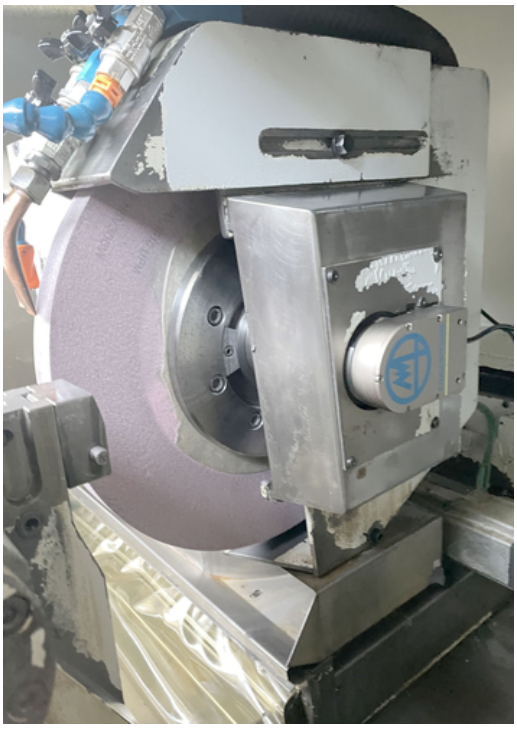

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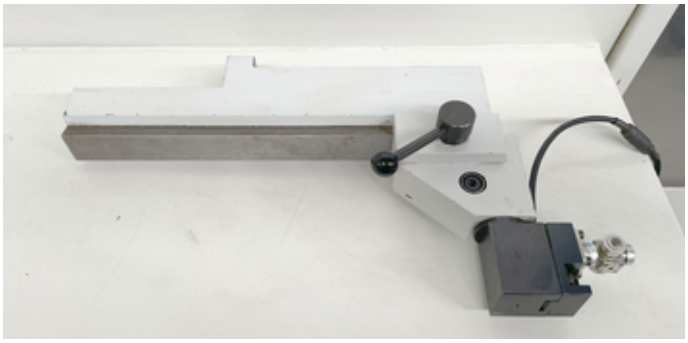

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