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top second hand and new precision machine tools

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SAM 022955 **KELLENBERGER Type KEL-VARIA R175 x 1500**

Group	CNC cylindrical grinder
Manufacturer	KELLENBERGER
Type	KEL-VARIA R175 x 1500
Controller CNC	KELCO 120
Year	2001
Youtube video	https://youtu.be/FZStCljTKWA

Centre height	175 mm
Distance between centres	1500 mm
Travels:	
Z axis	1650 mm
Workpiece weight on centres max.	150 kg
Grinding wheel:	
Diameter	500 mm
Width	80 mm
Bore	203 mm
Diameter	400 mm
Width	63 mm
Bore	127 mm
B axis resolution max.	2.5 °
Grinding wheel speeds:	
stepless	
from	1000 t/min
up to	2150 t/min
Rotatable grinding spindle head (b-axis)	+30° / -210 °
Peripheral speed	45 m/s
Max. travel	320 mm
Feed range	7500 mm/min
Work piece spindle head:	
Swivelling range	-10 / +100 °
speeds:	
stepless	
from	8 t/min
up to	800 t/min
Internal mounting cone	5 CM
External short tapered mount	DIN 55026 Gr. 5
Permitted load capacity	160 Nm
Tailstock:	
Taper in tailstock:	4 CM
Tailstock travel of barrel	50 mm
Table speed:	
stepless	
Rapid motion	15 m/min
Max. table angular displacement	7 °
Air connect	6 bar
Voltage 50 Hz 3x	400 Volt
Grinding spindle motor	7.5 kW

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Workpiece spindle motor	2 kW
Machine's weight about	6000 kg
Overall dimensions machine:	
Length	4'700 mm
Width	2300 mm
Height	2000 mm

Various accessories:

Paper filtration system	
Coolant filter system	
Feeler Renishaw	LP2H
Lamp	
Status light	
Grinding-wheel flange extractor	
Electronic hand held remote control	
MPM dynamic balancing system	

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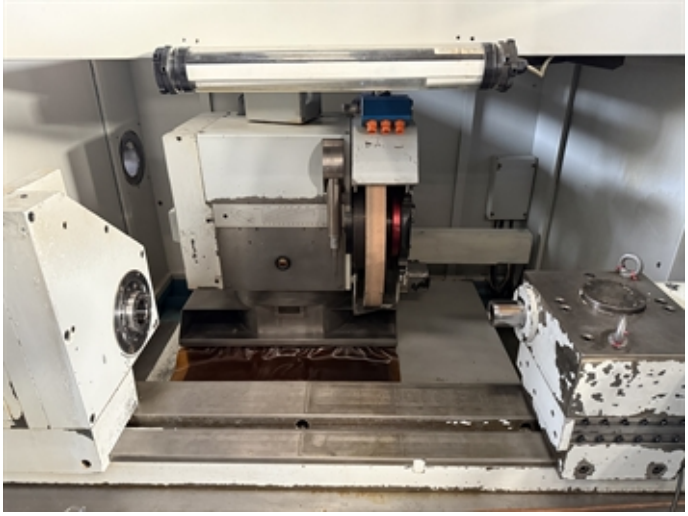

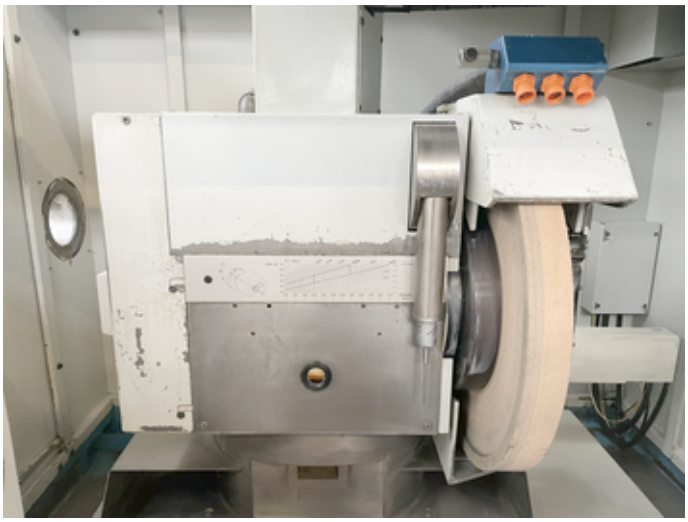

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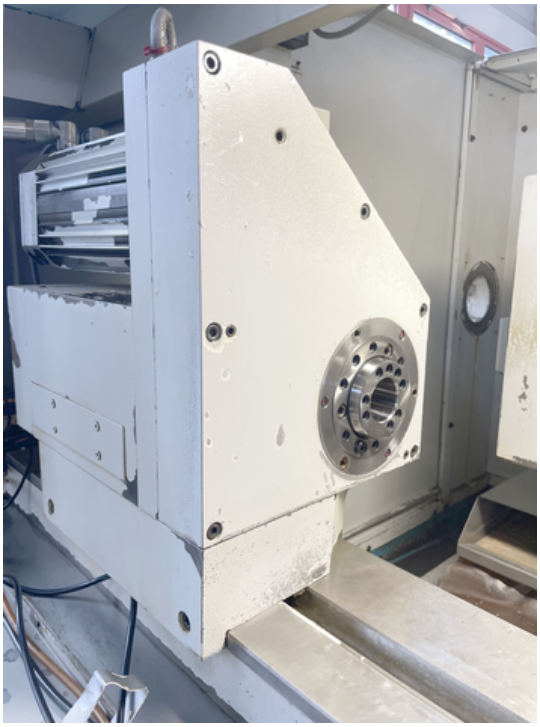

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