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top second hand and new precision machine tools

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SAM 022455 **KELLENBERGER Type KEL-VARIA R175 x 1500**

Group	CNC cylindrical grinder
Manufacturer	KELLENBERGER
Type	KEL-VARIA R175 x 1500
Controller CNC	GE FANUC Series 18i-T
Year	2005

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:

Coolant system	
Paper filtration system	
Touch probe MARPOSS	
Set of grinding wheels	
Rotary centre	
Set of centers	
Set of workpiece drivers	
Set of throat gauges	
Lamp	
Tool cabinet	2x
Tailstock with fine adjustement	
Oil mist extractor	
Spindel nose for collets	

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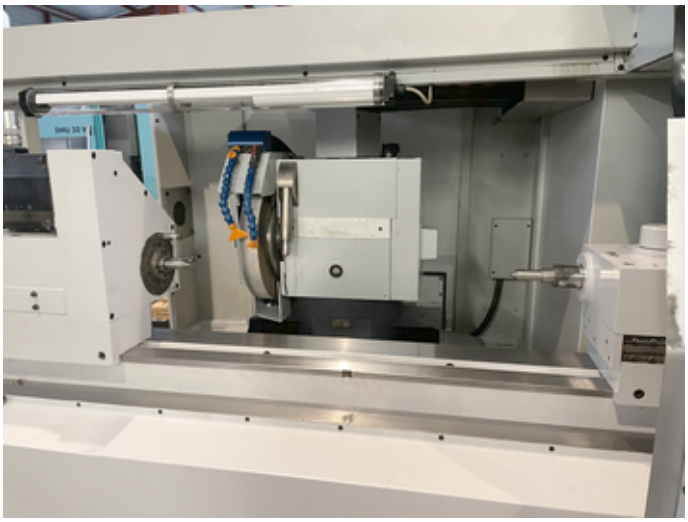

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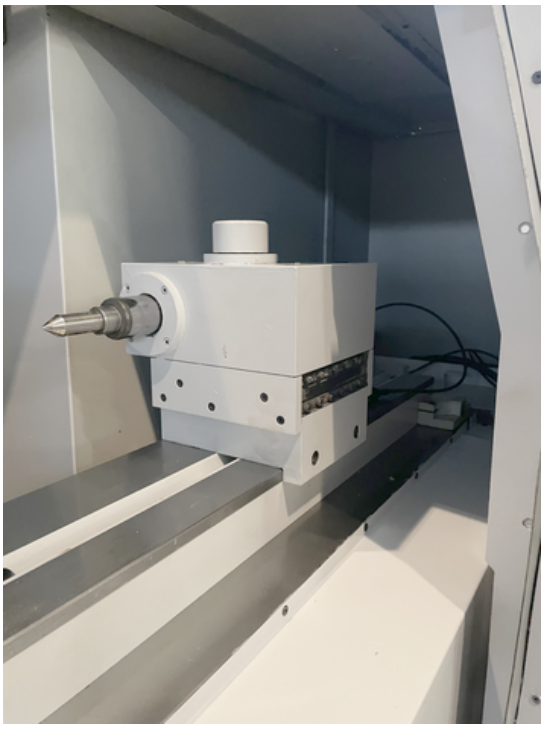

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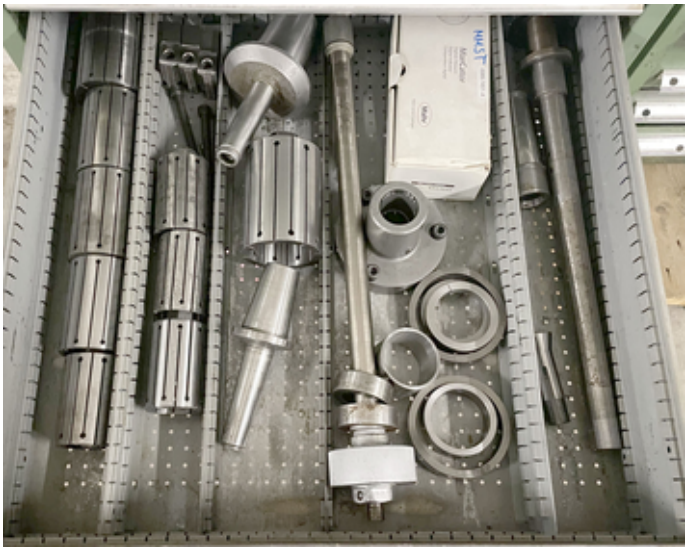
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