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top second hand and new precision machine tools

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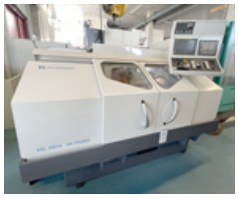
SAM 022432 **KELLENBERGER Type KEL-VISTA UR 175X600**

Group	CNC cylindrical grinder
Manufacturer	KELLENBERGER
Type	KEL-VISTA UR 175X600
Controller CNC	GE FANUC Series 21i-T
Year	2003
Youtube video	https://youtu.be/J-p2kEzXJDI



Centre height	175 mm
Distance between centres	800 mm
Grinding length	600 mm
Max. work piece diameter	349 mm
Travels:	
Z axis	750 mm
X axis	320 mm
Workpiece weight on centres max.	100 kg
Grinding weehl left side:	
Diameter	400 mm
Width	80 mm
Bore	127 mm
Grinding wheel right side:	
Diameter	300 mm
Width	40 mm
Bore	127 mm
Grinding wheel speeds:	
stepless	
from	875 t/min
up to	1900 t/min
Grinding spindle head:	
Rotatable grinding spindle head (b-axis)	+10 / -210 °
Automatic swivelling axis Hirth (B1)	3 °
Fine adjustment (B2)	°
Peripheral speed	35 m/s
Work piece spindle head:	
speeds:	
stepless	
from	8 t/min
up to	800 t/min
Holding taper:	5 CM
rotatable	+100 / -10 °
Tailstock:	
con regolazione micrometrica	
Taper in tailstock:	4 CM
Tailstock travel of barrel	50 mm
Table speed:	
stepless	
Rapid motion	12 m/min
Air connect	6 bar

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Voltage 50 Hz 3x	400 Volt
Grinding spindle motor	5 kW
Machine's weight about	3000 kg
Overall dimensions machine:	
Length	3'200 mm
Width	1700 mm
Height	2000 mm

Various accessories:

Coolant system	
Coolant through spindle (cts)	
Paper filtration system	
Touch probe MARPOSS	
Measuring control	MOVOMATIC
Length positioning automatic	KEL-POS
Internal grinding attachment:	
Number of spindles	1
Rotation speed	
up to	42000 t/min
Set of flanges	
Balancing attachment	
Balancing arbor	
Electronic balancing device	KEL-BALANCE
Tailstock with fine adjustement	
Longitudinal positioning Z-axis actife	
RS-232 Interface	

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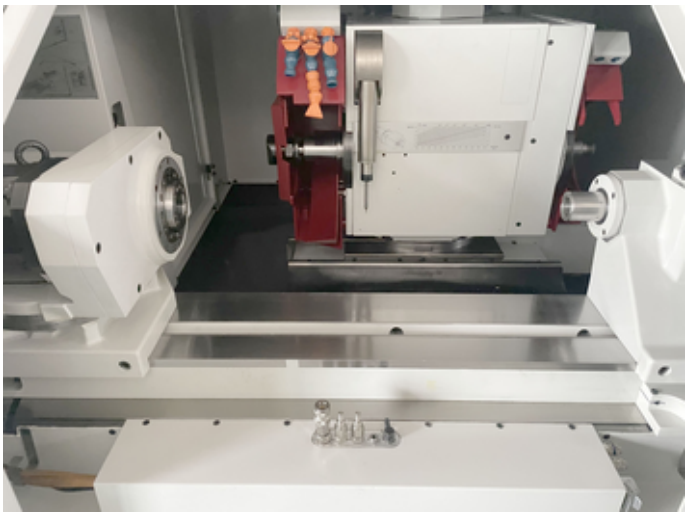

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