



Inventory number: 22955

CNC cylindrical grinder  
KELLENBERGER KEL-VARIA R175 x 1500  
KELCO 120  
2001



### Technical data

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	203.2 mm
Diameter	400 mm
Width	63 mm
Bore	127 mm
B axis resolution max.	2.5 °
Grinding wheel speeds:	
stepless	
from	1000 rpm
up to	2150 rpm
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 rpm
up to	800 rpm
Internal mounting cone	5 MT
External short tapered mount	DIN 55026 Gr. 5
Permitted load capacity	160 Nm
Tailstock:	
Taper in tailstock:	4 MT
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
Workpiece spindle motor	2.4 kW
Machine's weight about	6000 kg
Overall dimensions machine:	
Length	4700 mm
Width	2300 mm
Height	2000 mm
Various accessories:	
Paper filtration system	
Coolant filter system	
C axis	
Measuring device	MOVOMATIC
Feeler Renishaw	LP2H
Lamp	
Status light	
Grinding-wheel flange extractor	
Electronic hand held remote control	
MPM dynamic balancing system	





























