



TYPE OF MACHINE :

CNC cylindrical grinder

STOCK N°

90126

BRAND

KELLENBERGER

MODEL

Kel-Vista UR 175/1000

YEAR

2008

LOCATION

**73240 St-Genix-les-Villages,
FRANCE**

[DIRECT LINK](#)





TECHNICAL CHARACTERISTICS

CNC control	FANUC 21i-T
Centre distance	1000 [mm]
Height of centers	175 [mm]
Max. grinding diameter	349 [mm]
Max. grinding length	1000 [mm]
Stroke X axis	350 [mm]
Max. Stroke speed X axis	6000 [mm/min]
Resolution X axis	0.0001 [mm]
Stroke Z axis	1150 [mm]
Max. Stroke speed Z axis	12000 [mm/min]
Resolution Z axis	0.0001 [mm]
Orientation of table	0 - 9 [°]
Grinding wheel min. speed	800 [rpm]
Grinding wheel max. speed	1900 [rpm]
Grinding spindle motor power	6 [kW]
B axis swivelling stroke	-210 / +10 [°]
B axis indexing precision	1 [°]
Automatic B axis	Yes
Max. diameter grinding wheel	400 [mm]
Workpiece spindle nose	DIN 55026 N° 5
Internal workpiece spindle nose	Morse 5
Workpiece spindle min. speed	8 [rpm]
Workpiece spindle max. speed	800 [rpm]
Max. part weight in part holder headstock between centres	100 [Kg]
Workpiece swiveling range	-10 / +100 [°]
Workpiece spindle power	1 [kW]
Type of attachment tailstock	Morse 4
Tailstock fine adjustment	+/- 60 [µm]
Number of running hours	500 [h]
Collant pump flow rate	160 [l/min]
Lubrication tank capacity	375 [l]
Supply voltage	400 [V]
Rated current	18.5 [A]
Weight	3500 [Kg]

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ADDITIONAL INFORMATION

EQUIPMENT INCLUDED:

- x1 automatic B axis UR 1-2-3 external/internal/face (Hirth 1°)
- x1 KEL-BALANCE (ELASO BALANCING GAP CONTROL) semi-automatic wheel balancing device
- x1 internal grinding spindle RENAUD Switzerland 124-080240-M16R (28'000 min-1) - KELLENBERGER item N°: 4013.01
- x1 IFM type IFMC 1800 oil mist extraction unit
- x1 magnetic swarf-/paperband filter unit (375 litres) SPB3-SAMG4 (KELLENBERGER item N°: 4071.01)
- x1 MOVOMATIC type C25 part probe
- x1 top table fine adjustment
- x1 tailstock with fine taper adjustment
- x1 air-cushioning for easy tailstock repositioning - KELLENBERGER item N°: 4030.05
- x5 grinding wheel flanges Ø127 [mm]
- x10 internal grinding quills
- x4 fixed center points
- x1 three-jaw chuck Ø205 [mm]
- x1 permanent magnetic chuck Ø300 [mm] - KELLENBERGER item N°: 11010.04
- x1 spring collet adaptator for SCHAUBLIN B32 - KELLENBERGER item N°: 11030.00
- x1 set of 59 spring collet SCHAUBLIN B32 - KELLENBERGER item N°: 11030.20
- x1 mobil hand panel - KELLENBERGER item N°: 10880.00
- x1 set of 8 work drivers - KELLENBERGER item N°: 11040.00
- x1 two-jaw steady rest Ø 5 to 80 [mm] - KELLENBERGER item N°: 11200.00
- x1 set of 2 workpiece supports - KELLENBERGER item N°: 11270.00
- x1 dressing device on upper table - KELLENBERGER item N°: 11310.00
- x2 arbors for wheel balancing operations
- x1 set of grinding wheels
- x1 users manual

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