



TYPE OF MACHINE :

CNC cylindrical grinder

STOCK N°

90114

BRAND

TACHELLA

MODEL

Elektra UA 1200

YEAR

2014

LOCATION

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

[DIRECT LINK](#)





TECHNICAL CHARACTERISTICS

CNC control	FANUC 31i – MODEL B
Centre distance	1200 [mm]
Height of centers	230 [mm]
Max. grinding diameter	455 [mm]
Max. grinding length	1140 [mm]
Stroke X axis	400 [mm]
Max. Stroke speed X axis	12000 [mm/min]
Resolution X axis	0.0001 [mm]
Stroke Z axis	1330 [mm]
Max. Stroke speed Z axis	12000 [mm/min]
Resolution Z axis	0.0001 [mm]
Orientation of table	0 / 9 [°]
Grinding spindle motor power	8.5 [kW]
B axis swivelling stroke	-15 / +195 [°]
B axis indexing precision	0.001 [°]
Automatic B axis	Yes
Max. diameter grinding wheel	508 [mm]
Max. grinding wheel width	80 [mm]
Grinding wheel bore	203.2 [mm]
Workpiece spindle nose	ASA 5
Internal workpiece spindle nose	Morse 5
Workpiece spindle min. speed	10 [rpm]
Workpiece spindle max. speed	700 [rpm]
Workpiece swiveling range	+/- 10 [°]
Type of attachment tailstock	Morse 4
Tailstock quill stroke	40 [mm]
Tailstock quill diameter	60 [mm]
Tailstock fine adjustment	+/- 100 [µm]
Max. load between centers	250 [Kg]
Supply voltage	400 [V]
Rated current	45 [A]
Weight	7000 [Kg]

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ADDITIONAL INFORMATION

EQUIPMENT INCLUDED:

x1 automatic B axis (0.001° resolution)
x1 HEIDENHAIN glass scale Z-axis
x1 HEIDENHAIN glass-scale X-axis
x4 external grinding wheel flanges
x4 external grinding wheels
x1 balancing arbor
x8 internal grinding wheel holders
x1 tailstock with fine taper adjustment + air cushion lift-off
x2 3 points steady rests with fine jaw adjustment
x1 2 point steady rest
x1 permanent magnetic chuck Ø 250 [mm]
x1 permanent magnetic chuck Ø 350 [mm]
x1 ROHM 3-jaw concentric chuck Ø200 [mm] type ZG 200
x2 sets of hard jaws
x3 sets of soft jaws
x1 back plate for chuck mounting
x1 MARPOSS P7 dynamic wheel balancing device
x1 RJ45 / USB interface
x1 diamond holder on headstock
x1 diamond holder on tailstock
x2 dressing devices on upper table
x1 internal electrospindle 18'000 [rpm] CAPELLINI 001-00179-B (NEW)
x1 internal electrospindle CAPELLINI 001-00120-C
x1 NSK AM-2525 R 24'000 [rpm] pneumatic spindle
x1 ER collet holder
x10 ER collets
x1 spindle cooler COSMOTEC WRA2041207ZT00 7043
x1 electrical cabinet cooler COSMOTEC EVE08002177000 7035
x1 coolant tank
x1 magnetic swarf-/paperband filter unit - width 1000 [mm]
x1 French operator's manual
Various service keys

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