



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]

The information on this page has been obtained by the best of our ability. Therefore, its accuracy can not be guaranteed



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

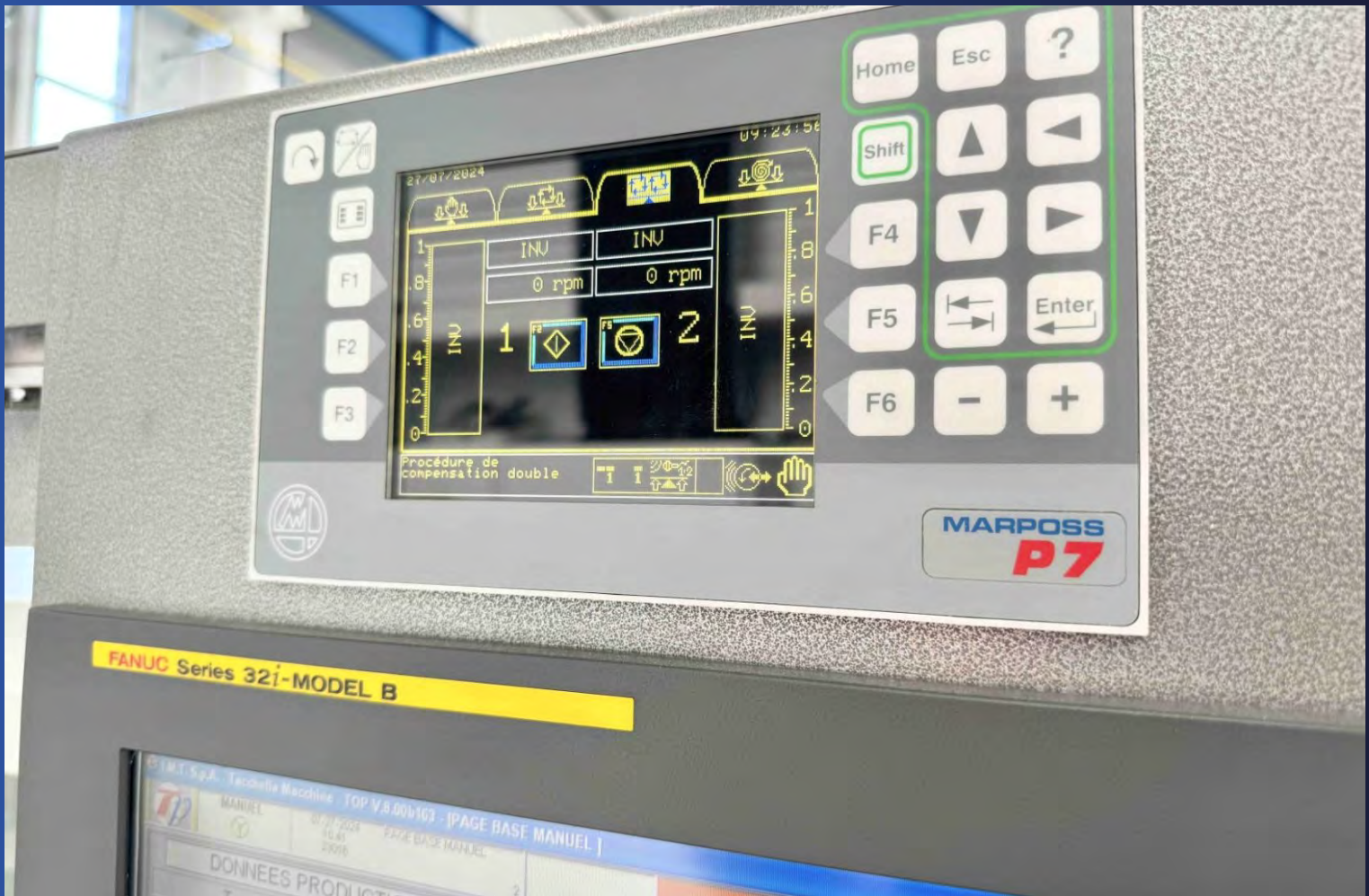
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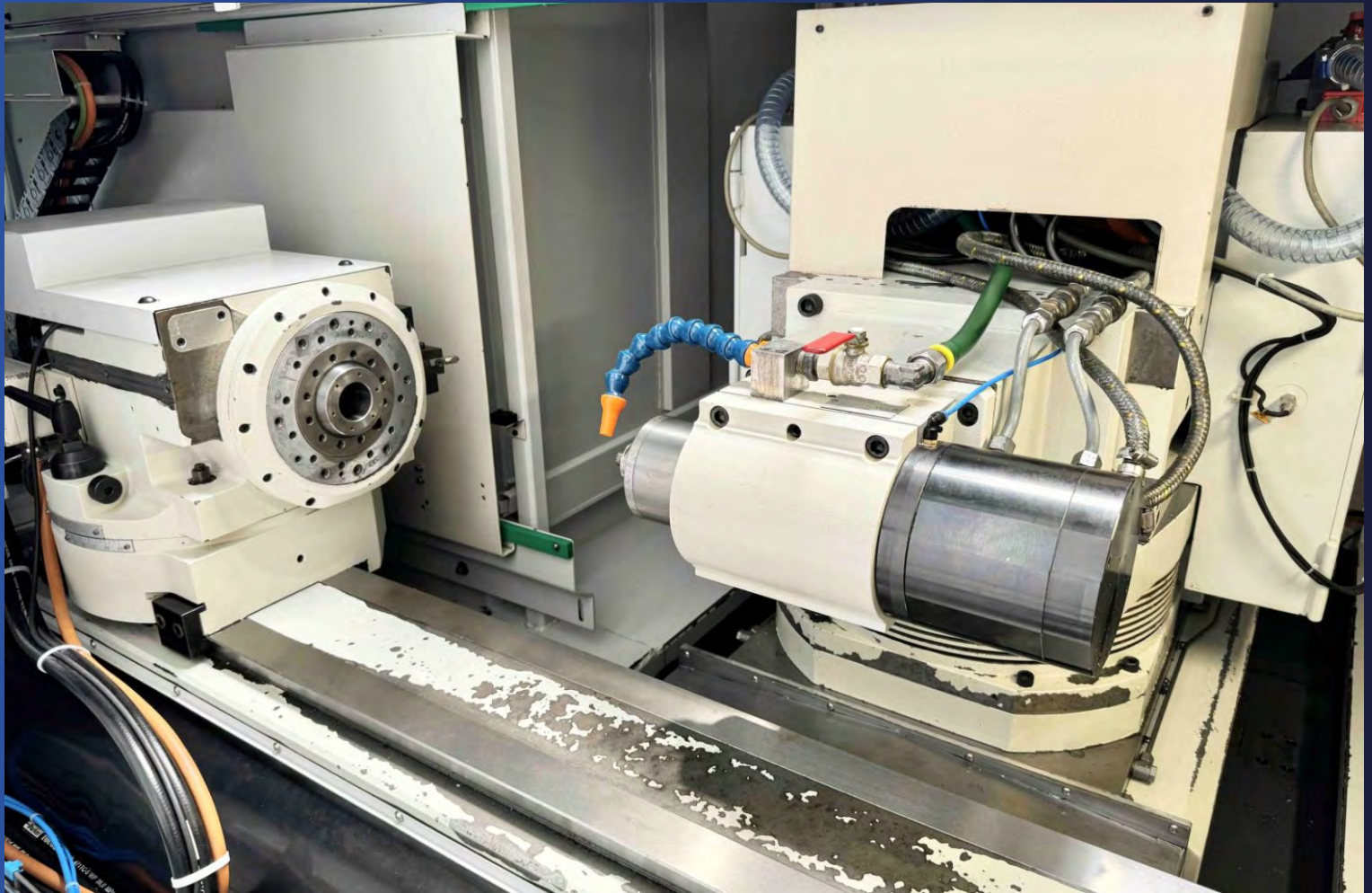
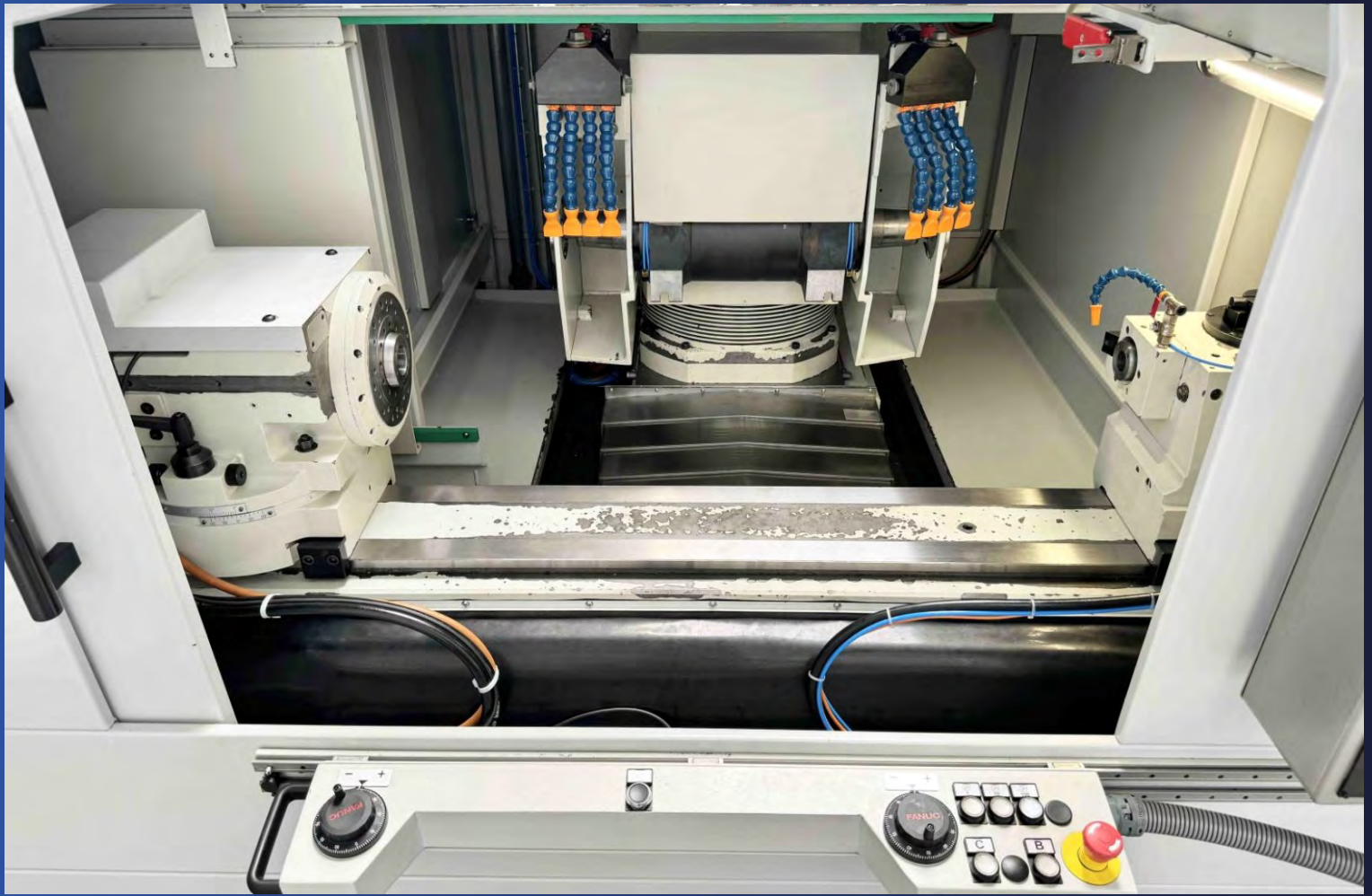


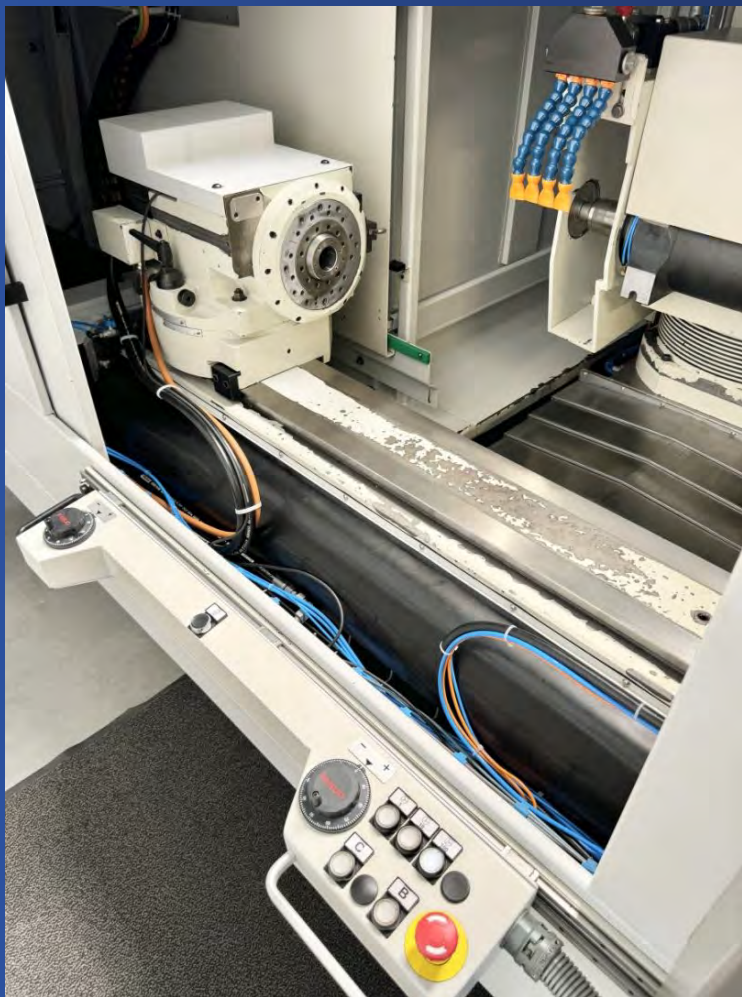




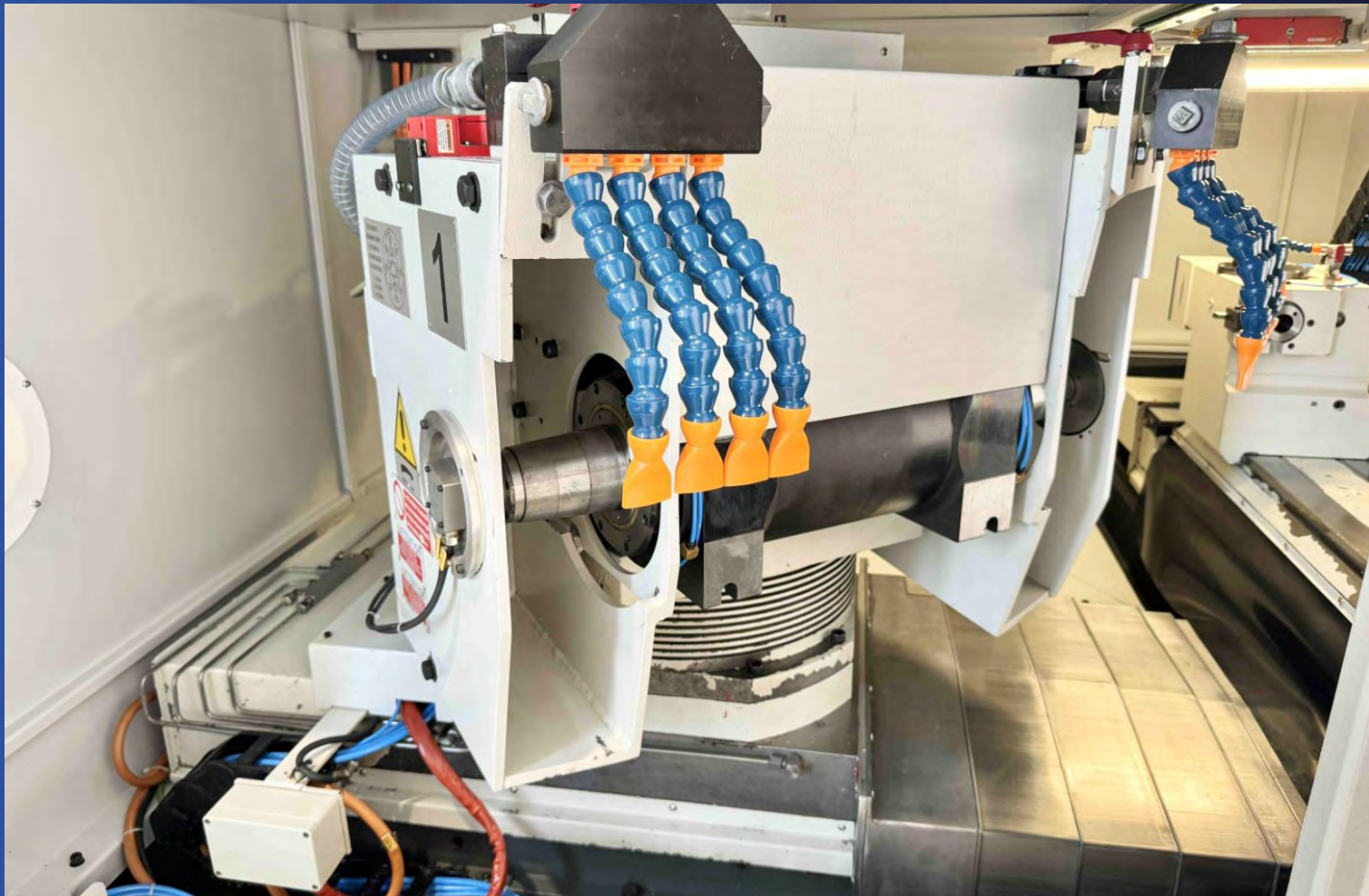






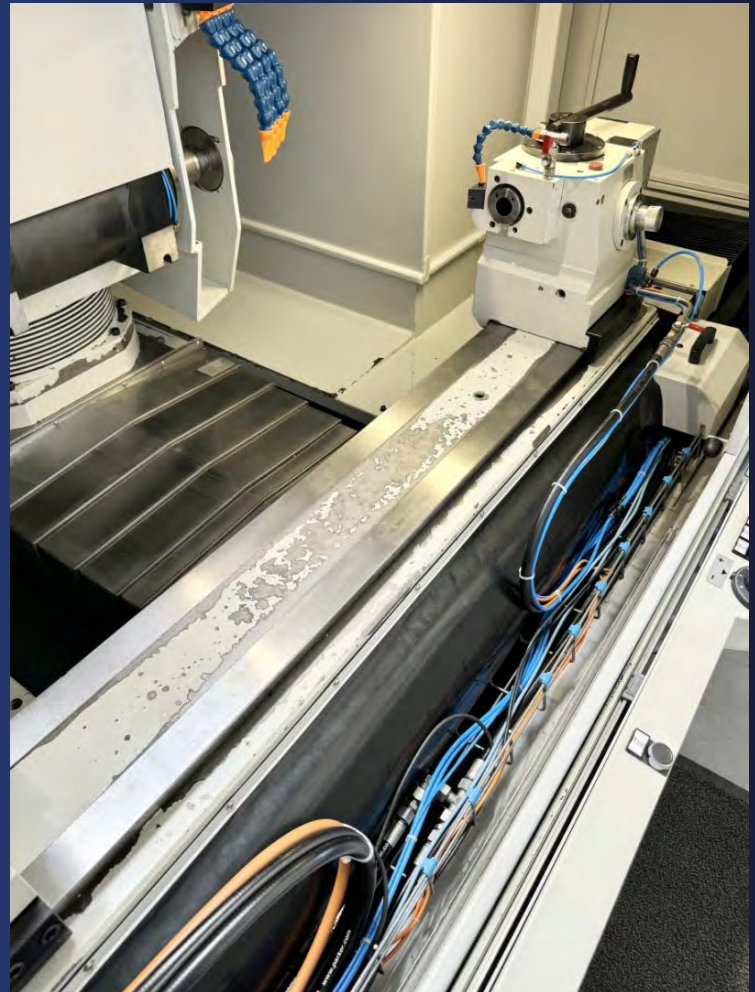
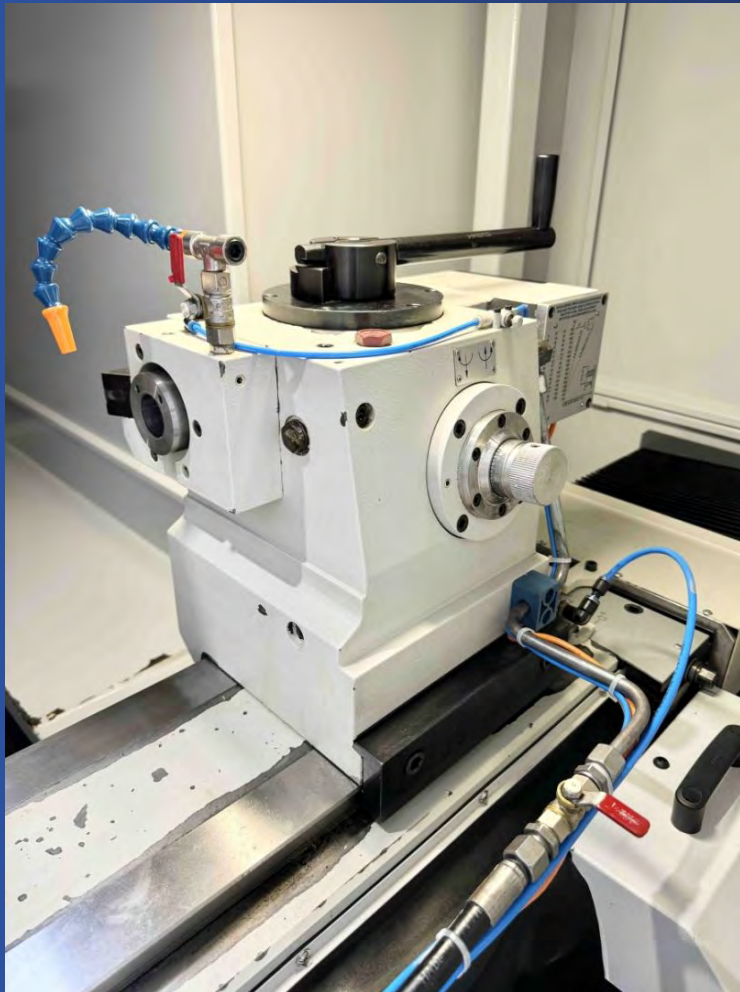
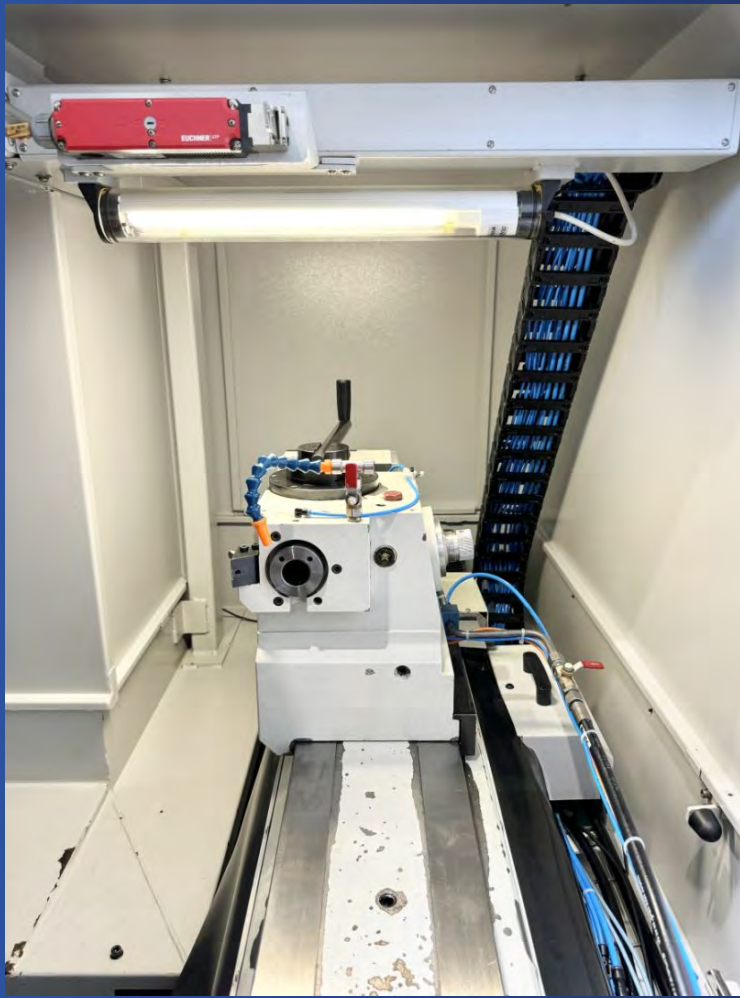


















FICHE DE LUBRIFICATION

2000
1000
500
50
8
0

TACHELLA
IMT

ATTENTION: NETTOYER TOUS LES POINTS AVANT LA LUBRIFICATION

ORIGINES DE LA MACHINE	CENTRALE OLEO-HYDRAULIQUE								INSTALLATION D'AIR				CONTRE-POINTE		REFROIDISSEUR				
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
INDICATEUR DE L'INTERVENTION	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
CONTROLEUR	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
CONTROLEUR ET REMPLIR	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
REMPLIR	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000
REMOUILLER EN CAS DE DEGRADATION	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000
REMOUILLER	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000
EST LUBRIFIE	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000
LUBRIFIANT CONSEILLE	MOBIL VACTRA OIL N°1								OGB				TACHELLA MOBILE OIL N°1						
CARACTERISTIQUE LUBRIFIANT	SAE 32 / 40° C								4 L				4 L						
CAPACITE DE RECHARGEMENT	36 L								1 L				17 L						

MOBIL VACTRA OIL N°1
SAE 32 / 40° C
36 L

OGB
MOBIL VACTRA OIL N°2
SAE 68 / 40° C
4 L

TACHELLA MOBILE OIL N°1
SAE 32 / 40° C
4 L

HOUGHTON FREEZE 4
17 L

