

# MACHINES LIST



March 2018



Name	Ref.	Type <i>PF=Fixed headstock PM=Sliding headstock</i>	Quantity	Capacity	Spécifications
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- MultiSpindle Lathes**

Gildemeister	AS 20	P.F.	3	27 mm	Tapping. Pick.up
	GM 16 AC	P.F.	3	20 mm	2 Pick.up Tapping
	GM 20	P.F.	3	25 mm	1 Pick.up Tapping

These 9 lathes are equipped with integrated feeding ↗

- CNC MultiSpindle Lathe**

Index	MS 40	P.F.	2	40 mm	
	MS 22-8	P.F.	1	22 mm	
Gildemeister	ISM25	P.F.	1	25 mm	

- CNC Lathes**

Gildemeister	TWIN 32	P.F.	2	36 mm	Double spindles + bar feeder+rotative tools
	SPRINT MF65	P.F.	1	65 mm	Double spindles 4 axles + rotative tools
	SPRINT 65	P.F.	1	74 mm	Double spindles
	CTX 310	P.F.	1	52 mm barre 200 <sub>en mandrin</sub>	2 axles, axis C Rotative tool counterspindle
	TWIN 65	P.F.	1	65 mm	2 axles, axis C Rotative tool counterspindle
	TWIN 42 Y	P.F.	1	45 mm	Double spindles + bar feeder+rotative tools
Star	SR 32	P.M.	1	32 mm	4 axles + rotative tools + bar-feeder
	SR 20	P.M.	1	20 mm	
	SR 10	P.M.	1	11 mm	
	SV 20 R	P.M.	1	20 mm	
	SA. 12-16	P.M.	1	16 mm	
Index	ABC	P.F.	1	65 mm	BI spindle BI turrets
	C100	P.F.	3	42 mm	Bi spindles 3 Turrets

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Daewoo	Puma 6G	P.F.	1	42 mm	2 axis
	Lynx LB200	P.F.	1	52 mm	
Mazak	QT 16	P.F.	1	130 mm	2 axis
B G T	32 R	P.F.	1	150 mm	2 axis
Hardinge	Quest Twin Turn 65	P.F.	2	65 mm 150 <sub>en mandrin</sub>	BI spindle + Bi turret + Y axis + bar feeder + rotative tools
Kitamura	KNC 250 YS	P.F.	1	42 mm barre 160 <sub>en mandrin</sub>	BI spindel -5 axis rotary tools
Noruma	13 UB	P.M.	1	13 mm	BI spindel rotary tools
Tsugami	HS 207	P.M.	1	20 mm	7 axis

- Machining Centres**

Deckel Maho	D.M.C. 63 V	C.U.	1	5 axis	20 tools. 7.5 Kwa
Hardinge	VMC 600	C.U.	2		24 tools + 20 tools

- Turning Milling Center**

Tsugami	TMB2	PF et CU	1	10 axis	30 tools
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- Secondary Operation Equipment**

- **Centerless grinding**

Microrex	075	Rectif.	1	50 mm	
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And various reworking lathes, miling machines, drills, tappers, etc ...

- **General mechanics**

Parallel lathes, miling machines, etc ...

- Specific Machine**

- **Automatic Assembly Machine**

Entirely designed and produced by our company. Our team is able to achieve specific materials to meet customer needs.

Cellule de tri et d'assemblage automatisée			1		Tri et assemble
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- **Automatic flexible swarf centrifuge line Flexiline**

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- Inspection Equipment**

- **Coordinate Measuring Machine (MMT)**

<b>Brown &amp; Sharpe</b>	<b>XCEL 454 PFX</b>	<b>1</b>	Digital Command control
<b>Mitutoyo</b>	<b>CRYSTA-APEX S 574</b>	<b>2</b>	Digital Command control
<b>Tesa Scan 52</b>	<b>Reflex</b>	<b>1</b>	Optical Control

- **Machine for measuring profiles (Profilometer)**

<b>Mitutoyo</b>	<b>Contracer CV 524</b>	<b>1</b>	Digital Command control
	<b>Contracer CV 500</b>	<b>1</b>	Rugosimètre
	<b>Surftest SV 3200</b>	<b>1</b>	
<b>Nikon</b>	<b>U 12 B</b>	<b>1</b>	View digital and calculator
<b>Mitutoyo</b>	<b>PJ 311</b>	<b>1</b>	Affichage digital

- **Laser scan micrometer**

<b>Mitutoyo</b>	<b>Micromètre laser</b>	<b>1</b>	Micromètre à balayage laser
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- **Automatic dimensional control**

2 Specifics control machines for the “zero defect” on large series, equipped with a calculator. They are polyvalent.

1 automatic sorting machine equipped with a glass plate and cameras – polyvalent.

- **Statistical control**

<b>Software "LOUXOR"</b>	<b>1</b>	Statement of dimensions and various analyses
<b>Banc de réglage</b>	<b>1</b>	Réglage et mesure d'outils
<b>Binoculaire</b>	<b>6</b>	
<b>Endoscope Foretec</b>	<b>1</b>	

- Software**

**Louxor GPAO - ERP**

**ESPRIT CFAO**

**SOLIDWORKS CAO 3D**