

BU Solution - Machine Park

(Verneuil-sur-Vienne, Haute-Vienne, 87, 10 km from Limoges Airport)



Mallevialle Site

2, route D20, ZI Mallevialle, 87430 Verneuil sur Vienne
+33 (05) 55 58 70 84 - solution@euclide.pro

- ❖ Activity established in 1992
- ❖ Facility fitted out in 2012
- ❖ 2,400 m² of workshops



Quatre Vents Site

6, route de Tranchepie Les Coreix, 87430 Verneuil sur Vienne
+33 (05) 55 30 55 18 - solution@euclide.pro

- ❖ Activity established in 1993
- ❖ Facility expanded in 2014
- ❖ 1,800 m² of workshops
- ❖ 2 × 10-ton overhead cranes

Mallevalle Site

MACHINERY

MILLING CN 5 AXES	2 CU
DMG DMF 260/11 5-axis continuous machining center, spindle 20,000 rpm	2600 x 1100 x 900
DMG DMU 80 Monoblock 5-axis continuous machining center, spindle 10,000 rpm	900 x 650 x 650

MILLING CN UGV 3 AXES	3 CU
DECKEL HSC 105 LINEAR CNC, HEIDENHAIN TNC 530, spindle 42,000 rpm	1100 x 800 x 600
DECKEL HSC 75 LINEAR CNC, HEIDENHAIN TNC 530, spindle 42,000 rpm	750 x 600 x 550
DECKEL DMC 100 CNC, HEIDENHAIN TNC 430, spindle 18,000 rpm	1000 x 800 x 500

ELECTROEROSION	3 wire-cut EDMs - 2 sinker EDMs
Sodick AG 750 LH wire-cut EDM for finishing	745 x 500 x 600
Sodick AG 600 wire-cut EDM for finishing	600 x 400 x 350
Sodick VZ 500 wire-cut EDM for finishing	500 x 350 x 300
ONA TECHNO H400 sinker EDM with electrode changer	600 x 400 x 400
ONA DATIC 20-60 sinker EDM	250 x 350 x 350



Mallevalle Site

MACHINERY

TURNING

3 CN

CMZ TC 30 lathe	Ø 650 x 900
CMZ TA 30 lathe with Y-axis	Ø 650 x 900
SOMAB OPTIMAB 500 lathe	Ø 400 x 1350

CNC AND CONVENTIONAL GRINDING

GER SR-250/60 CNC grinding center	2000 x 600 x 400
GER SR-160/60 CNC grinding center	1200 x 600 x 400
GER SCA 100/50 grinding center	1000 x 500 x 400
ROSA surface grinder	900 x 500 x 350
OKAMOTO surface grinder	900 x 500 x 350
JUNG horizontal grinder	450 x 200 x 150
CLICHY internal/external cylindrical grinder	Ø 250 x 800

INSPECTION

Wenzel LH 87 CMM with METROSOFT CM + QUARTIS software	2000 x 800 x 700
TESA Hite400 measuring columns with surface plates	
ROCH measuring columns with surface plates	
2 Mitutoyo profile projectors, 10-20× magnification	
2 TESTWELL + ERNST roundness measuring machines	
ZOLLER setup and measuring bench	
EPB Tool Master 250 setup and measuring bench	



Quatre vents Site

MACHINERY

BENDING

1 AMADA 8-axis CNC press brake	170T L 4500
1 COMESSA press brake	300T L 4000

SHEARING

1 LAMI NOVA shear	3000 x 1500
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PLASMA CUTTING

1 EP.15 manual plasma cutting station

ROLLING

1 COMAC pyramid roll	L 2000 x EP.12
1 3-roll symmetrical sheet metal roller, Ø90	

PROFILE BENDING

1 COMAC 3012 profile bender, UPN 140 L, Tube Ø102

PUNCHING

1 GEKA hydraulic punching machine	100 T
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CUTTING / SAWING

2 THOMAS automatic band saws	370 x 240
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PAINTING

1 paint booth	6400x 2800 x 2650
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Quatre vents Site

MACHINERY

WELDING

21 workstations including:

- MIG/MAG rods
- Semi-automatic welding
- TIG welding
- Pulsed current stainless steel/aluminum thermal welding
- Arcair cutting
- 3 motorized turners



MECHANICAL WORKSHOP

FERMAT 4-axis CNC boring-milling machine, HEIDENHAIN ITNC530	3000 x 2000 x 2000
CMA RNRM 20 tapping machine	
GSP 405 K 160 radial drill	Ø 60
2 CINCINNATI pillar drills	



MATERIAL HANDLING EQUIPMENT

2 × 10-ton overhead cranes, coupling possible - 8 m height

2 × 5-ton overhead cranes - 5 m height

2 × 1-ton overhead cranes - 4 m height