



TYPE OF MACHINE :

Vertical machining center

STOCK N°

90104

BRAND

AXILE

MODEL

G6

YEAR

2020

LOCATION

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

[DIRECT LINK](#)





TECHNICAL CHARACTERISTICS

CNC control	HEIDENHAIN TNC 640
Number of simultaneous axes	5
Stroke X axis	650 [mm]
Stroke Y axis	850 [mm]
Stroke Z axis	500 [mm]
Traversing feeds X, Y and Z axes	36000 [mm/min]
X axis ball screw, Ø x pitch	40 x 12 [mm]
Y axis ball screw, Ø x pitch	40 x 12 [mm]
Z axis ball screw, Ø x pitch	40 x 12 [mm]
Angular A axis stroke	+/- 120 [°]
Angular C axis stroke	360 [°]
Min. distance spindle nose / table	150 [mm]
Max. distance spindle nose / table	650 [mm]
Spindle type	HSK-A 63
Max. spindle speed	20000 [rpm]
Tool changer magazin number of stations	60
Max. tool length	300 [mm]
Max. weight of single tool	8 [Kg]
Total max. weight in tool changer magazin	480 [Kg]
Max. tool diameter	125 [mm]
Total power required	60 [kVA]
Number of hours under power	5683 [h]
Number of running hours	3183 [h]
Machine weight	12000 [Kg]
Machine dimensions	3390 x 3940 x 2970 [mm]

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ADDITIONAL INFORMATION

EQUIPMENT INCLUDED:

- x1 swiveling table Ø600 [mm]
- x1 chip conveyor
- x1 paper tape filtration unit
- x1 high pressure pump (70 bars)
- x1 cone blowing device
- x1 HEIDENHAIN iTNC remote electronic handwheel
- x1 pressurisation for HEIDENHAIN glass scales on X, Y and Z axes
- x1 coolant tank
- x1 spindle chiller
- x1 HEIDENHAIN TS 740 workpiece probe
- x1 HEIDENHAIN calibration sphere case
- x1 BLUM LaserControl Micro Compact laser system for tool setting and tool breakage detection
- x1 3-colour status lamp

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