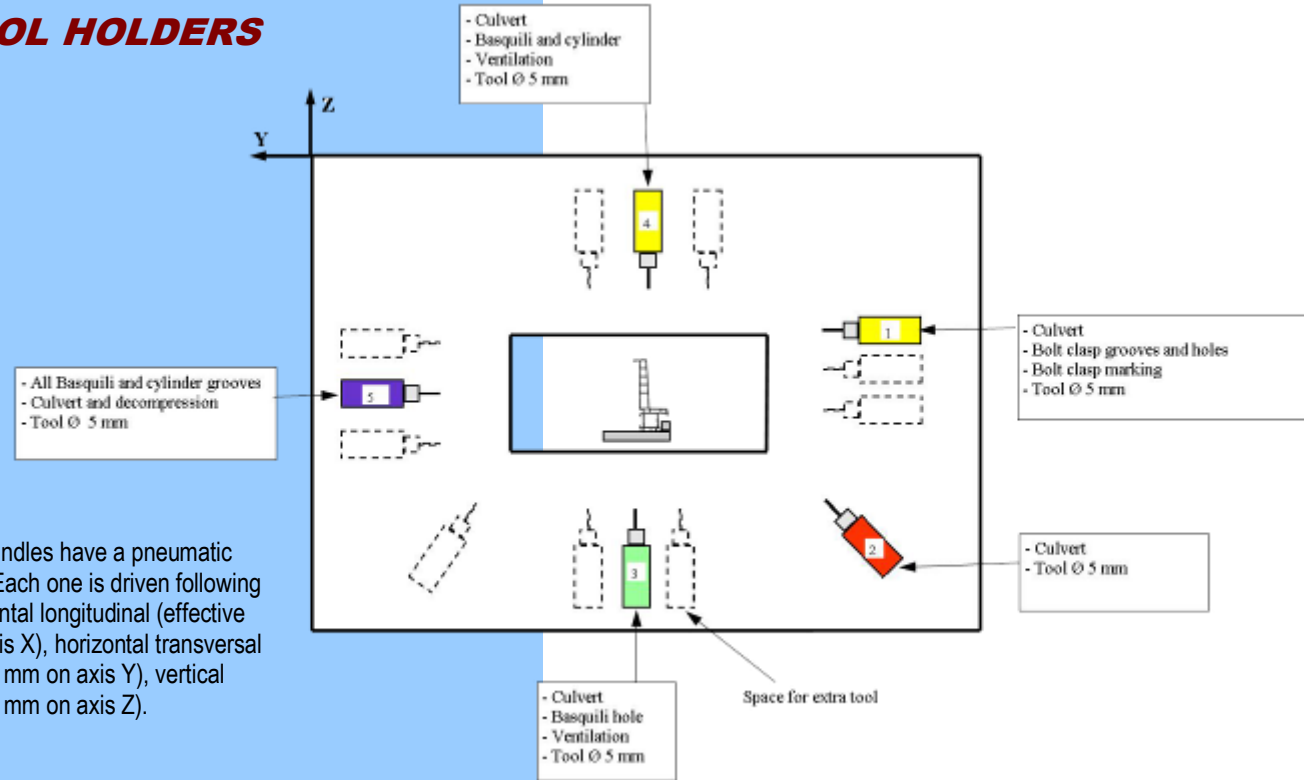


TECHNICAL CHARACTERISTICS

- CNC Pusher speed 0 to 170 m/min.
- Storing magazine capacity de 400 mm à 6500 mm en standard (10 barres)
- Minimum length of the parts after slicing 300 to 6000 mm
- Saw angularity digital at $\pm 45^\circ$
- Dust extraction one \varnothing 120 mm air hole (air speed 30 m/seconde)
- Operating System Microsoft Windows (maintenance notes integrated)
- Air supply pressure 6 bars
- Installed voltage 41 kW
- Effective voltage 27 kW
- Supply voltage 380 volts 3 phases
- Weight 6 tons

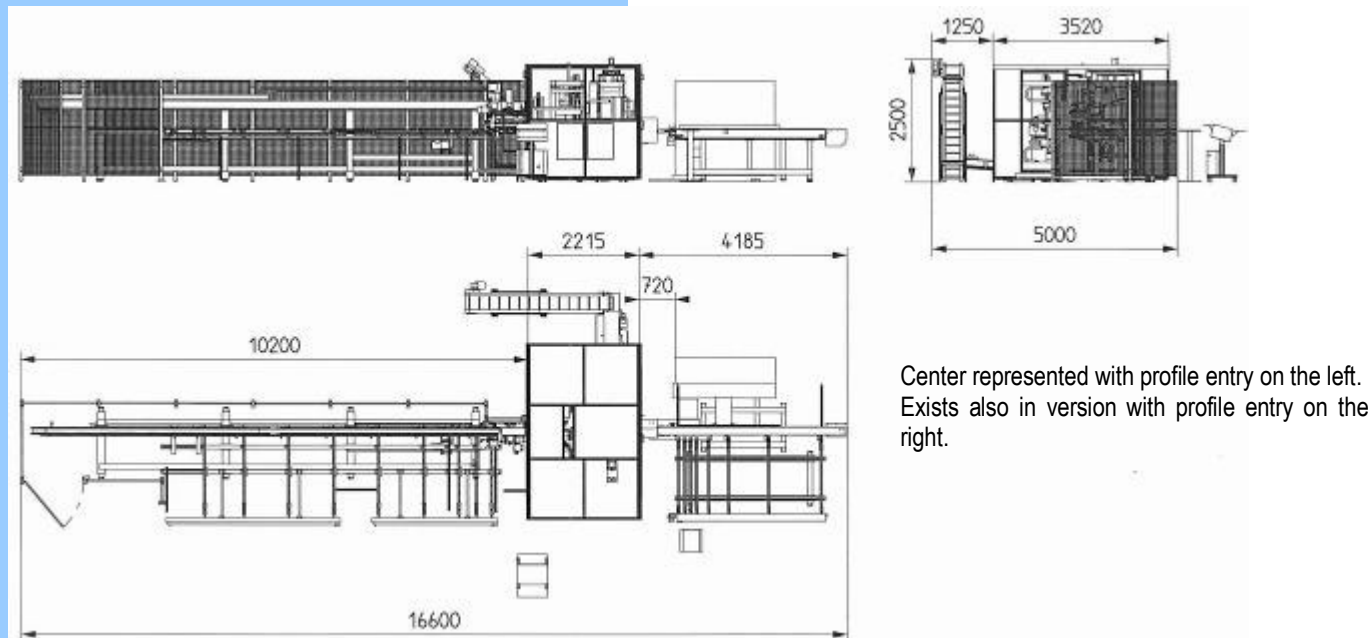
MAIN TOOL HOLDERS



All the machining spindles have a pneumatic movement system. Each one is driven following 3 digital axis : horizontal longitudinal (effective travel: 300mm on axis X), horizontal transversal (effective travel: 180 mm on axis Y), vertical (effective travel: 180 mm on axis Z).

COMPLEMENTARY EQUIPMENT

- Debris extraction belt
- Vertical digitalization of the pusher grips
- Computer module allowing to use the profile-end debris
- Remote maintenance & troubleshooting (modem card & PC Anywhere installation program)
- Saw blade angularity: variable at $\pm 60^\circ$



Center represented with profile entry on the left.
Exists also in version with profile entry on the right.

The data & technical features in this documents are prone to improvements or modifications and cannot engage our responsibility.

AL3 cutting & machining CNC compact center for Aluminum joinery profiles



AL3 cutting & machining CNC compact center for aluminum joinery profiles

Today, production series are more and more reduced.

The same goes for the deadlines.

The personalization of the products of joineries became a requirement.

To meet all machining needs, PARVEAU has designed a range of compact with a capacity from 30 to 40 windows per day.

PARVEAU
Profitable machining*

PARVEAU MAB
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19130 VIGNOLS
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Fax +33 (0)5 55 25 06 29
Internet : <http://www.parveau.fr>
E.Mail : infos@parveau.fr



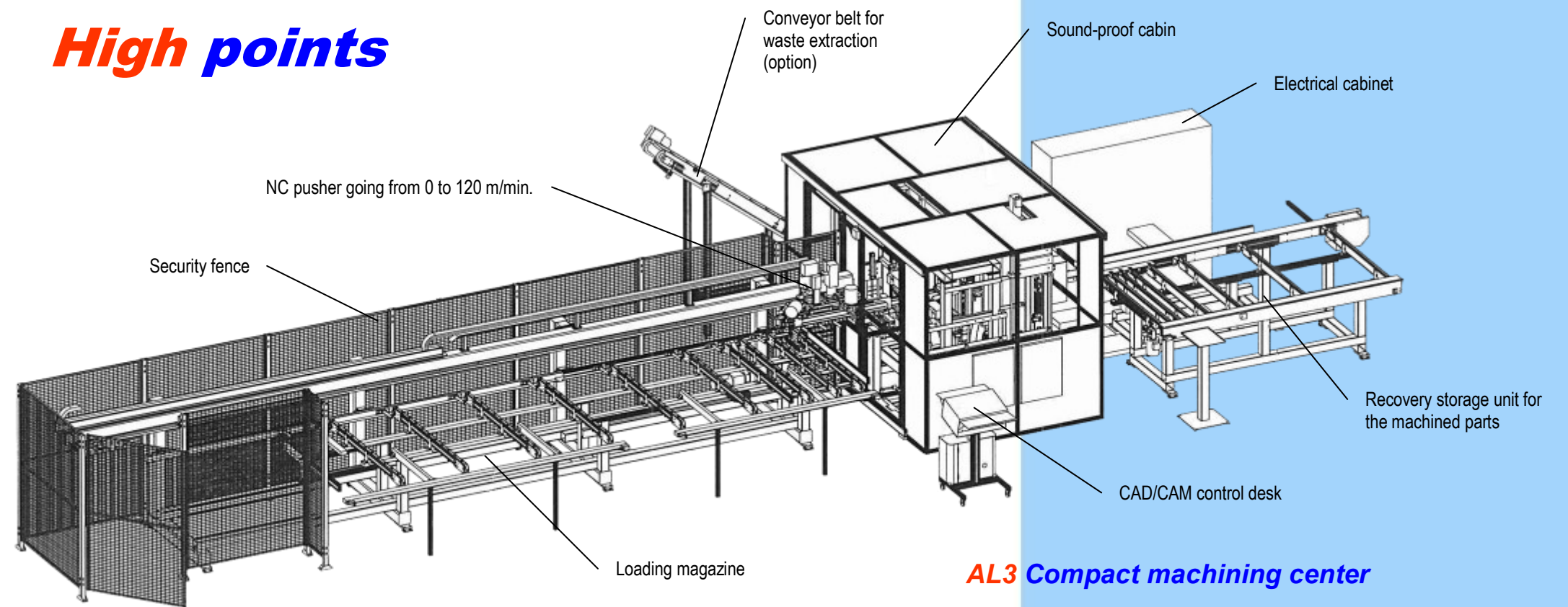
CONCEPT

- This modular machine allows any drilling and milling on the 4 sides of the aluminum profile and also cutting at an angle going from - 45 ° to + 45°. A label printer at the exit allows part identification & traceability.
- The machine is equipped in its standard version by 4 tool holders and can bear up to 14, optionally. Its potential production can go up to **40 joineries/day** (7 hours).

PROGRAMMING

- Thanks to the CAD/CAM software, the customer orders are recorded only once. Then the data is sent automatically to the machining center, and to other machines. It avoids having to enter any other data.
- The system operates under Microsoft Windows. It ensures a good operating flexibility and a compatibility with your computing system.

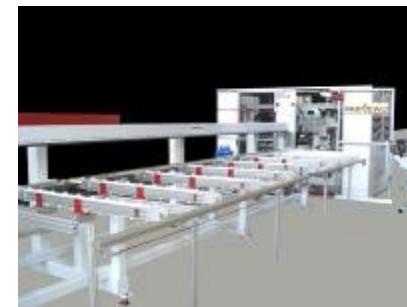
High points



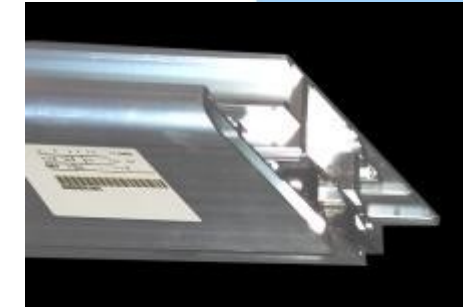
AL3 Compact machining center

USING PRINCIPLE

- The operator downloads from a CAD/CAM software, via the network, the necessary information to the programming of the machine (profile type, size, type of machinings, quantity to produce...)
- He puts on the loading storage unit the corresponding aluminum profiles.
- The machine measures each profile in order to check if the length is the right one and compatible with the program.
- The machine makes cuttings, drillings, routings.
- The machined parts are stored on the recovery unit.
- The debris are evacuated towards a storage bin.



Loading magazine



Identification label, which can include a bar code



Profile gripping clip



Sawing unit for cutting angles from - 45° to + 45°



Machining unit



Machining unit



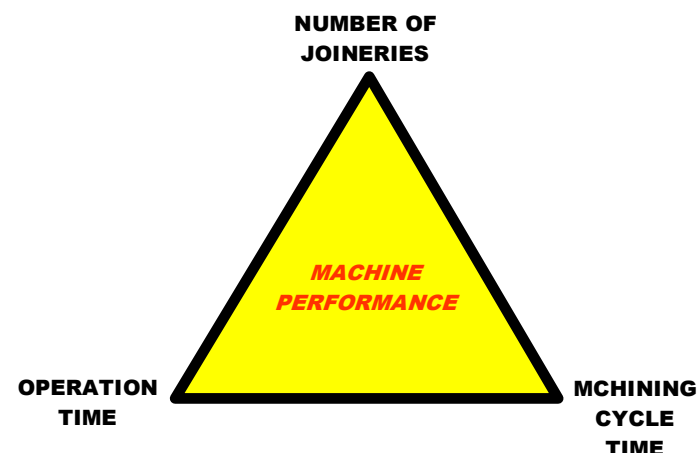
Operating desk



Recovery unit, at the exit

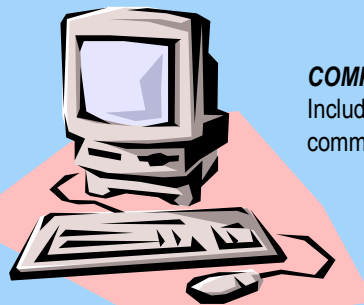


Conveyor belt for waste extraction (option)



COMPUTER

Including CAD:CAM software and command interface system



DATA TRANSFER

- Link « ON LINE »
- USB stick



OPERATING DESK

with PARVEAU interface software, under Microsoft Windows

