



◀ AUTOMOTIVE ▶



AXTURN PMB H32

High productivity versatile machining center



COMPETITION IN PRODUCTIVITY

For us, every application is a challenge : technical, productivity, reliability and quality. **PMBH32** is a machine with high productivity for automotive, aerospace and other....

With **PMBH32**, it's a revolutionary production process which is placed winner in the competition of productivity.

AN IMPORTANT STEP FOR THE FUTURE

This range of machining center with 3 spindles offer 3 time more productivity and save more **than 50% of energy**.

Technology applied to simultaneous machining, developed by **PIBOMULTI** for innovative and patented solutions, highlight a new generation concept for production quality and energy saving for a high quality standard.



Electrical cabinets

Work area

1 axial turret with 48 tools (fixed or turning). 3 hanging chuck with tail stock.

Powerful NC

Fanuc 30i

Loading / Unloading

Manual or automatic

Advantages of PMB H32

High productivity
High precision
Reduced footprint
Easy commissioning
Friendly driving
High stability
High dynamic
Easy handling



DETAILS MAKE DIFFERENCE

EMISSA prove once more its ability to find innovative solutions with the high development experience of **PIBOMULTI** in tool holders and easy handling, with patented systems **PIBOTURN** and **PIBOTRIFLEX**.

These systems allow the setting of the tools outside the machine and guarantee the absolute repetition of positioning. Only such of simple and accurate system allows to work simultaneously in several bars and achieve high production.



A UNIQUE CONCEPT

The **PMBH32** has a high machining performance. it's is equipped with 5 independent CN axis, 3 hanging chuck with tail stock. Very fast tool change in 0.9 sec.

Equipped with an axial turret with 48 adjustable tools (every degrees) and 16 tools by spindle, fixed or turning tools, the **PMBH32** can machine 3 parts in simultaneous with high energy efficiency.



A SYSTEM TO PRODUCE QUICKLY WITH EFFICIENCY

The axial turret of **PMBH32**, equipped with modular systems, adapted to the requirements of modern manufacturing of parts to meet the desired quality and accuracy.

Technical data of the axial turret

Index 1/8 turn in 0.9 sec.

Positioning 360° every degrees

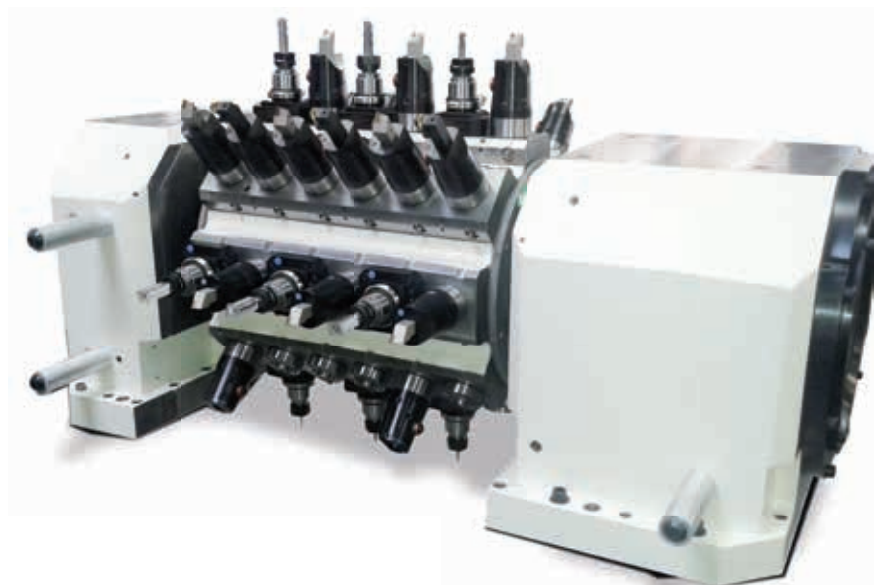
Turret locking on the Hirth gear

6 tracks of tool holders, 16 by spindle

48 tool holders

24 or 36 fixed tools / 12 or 24 turning tools

Positioning of turning tools +/- 30°



TECHNICAL DATA

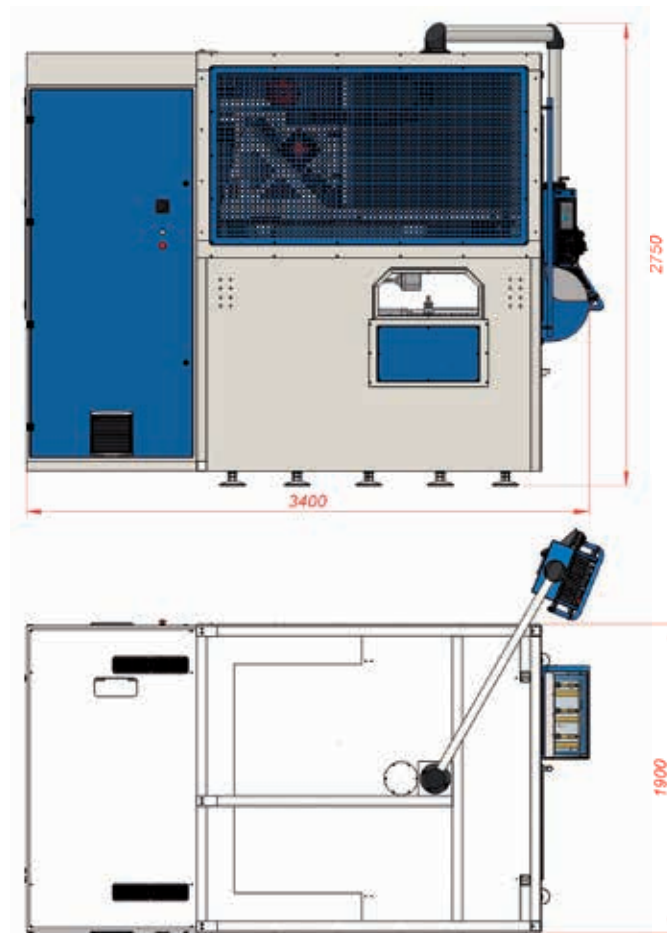
Basic machine

Number of axis	8
Strokes X / Y / Z	520 / 180 / 850 mm
Faster advance	30 m / min
Acceleration	0.3 g
Number of spindle	3
spindle axis distance	150 mm
Spindle speed	6000 rpm
Spindle power	4.5 kW by spindle
Spindle torque	54 Nm
Maximum piece dimensions	Ø 32 mm
Number of tools	48 12 turning / 36 fixed 24 turning / 24 fixed
Turning tool speed	6000 rpm
Loading / unloading	Manual or automatic
Dimensions L x l x h	3400 x 1900 x 2750 mm
Total weight	12 tons

Available NC

FANUC 30i

IMPLANTATION



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