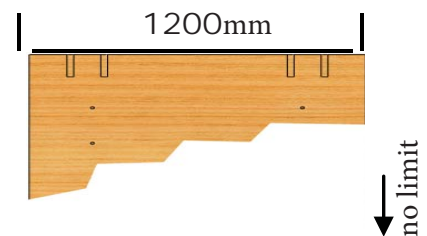
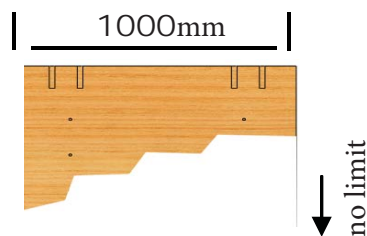
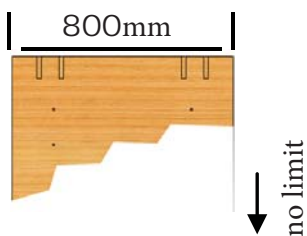


F8 F10 F12 - F80 F100 F120 Blade - Router

NC TROUGH-FEED BORING MACHINES



The most complete range of its category with panel width:

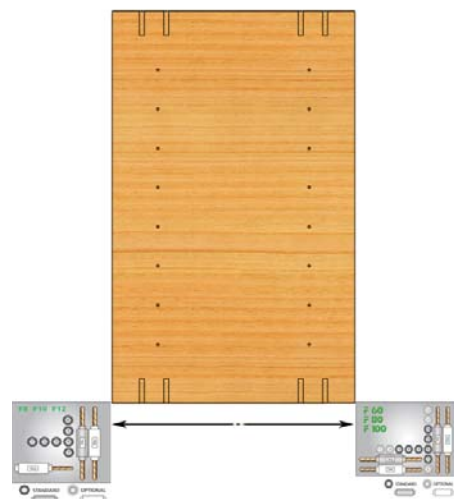


Working range of boring unit

F8 - F80 0 - 800 with all spindles

F10 - F100 0 - 1000 with all spindles

F12 - F120 0 - 1200 with all spindles



Range of NC boring machines with setup = 0

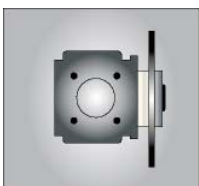
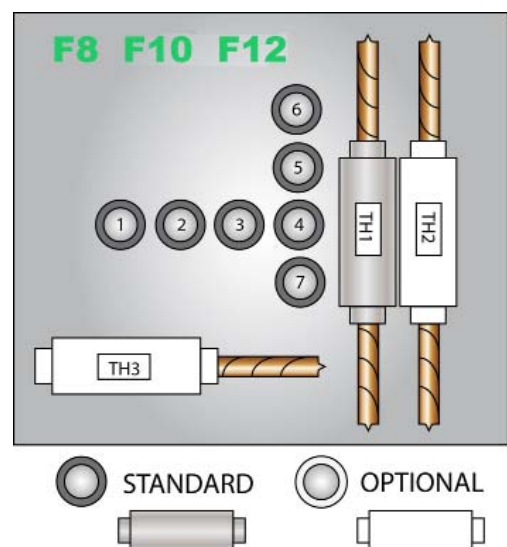


VERSION WITH STANDARD NC

NC on console based on XP Embedded operating system , LCD 3" with system CAD/CAM for a graphic, easy and intuitive programming.

BORING HEAD

- 7 vertical spindles
 - 1+1 horizontal front-back spindle.
- Optional ;
- double horizontal spindle front-back boring
 - horizontal spindle for lateral boring
 - saw blade unit
 - routing unit



opt.



opt.

Mobile Panel control practical for transport and adjustable in position to be visible from all positions of the working area

Easy loading and maximum working safety, self-supporting structure without any exigency of floor anchoring



NC consolle with PC office on a separate consolle with S.O Windows. Ram memory for a high elaboration speed, Hard-disk for a big storage capacity of programs.

LCD 15" display, keyboard, mouse, USB port and built-in networking connection. The graphic platform is entirely developed using object-oriented technology that can be easily advised for any application. It is compatible with Windows NT4/2000/XP. Possibility to integrate the user's own specific operative and graphic functions. New proprietary CAD/CAM System that permits creation of 3D parametric drawings and their translation in ISO programs through the implementation of simplified tools oriented for specific types of working. Interface with other CAD systems guaranteed by importation/exportation of drawings in various formats: DXF (Autocad), CID (proprietary).

Tele-service: using the most commonly-available commercial software it is possible to provide all machine functions with remote control for the most efficient service. Possibility to install software for remote office and barcode reader.



MANUAL SIDE PUSHER

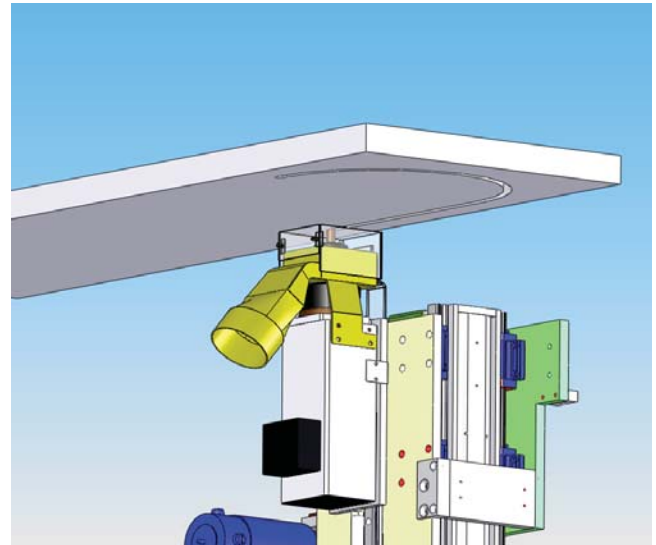
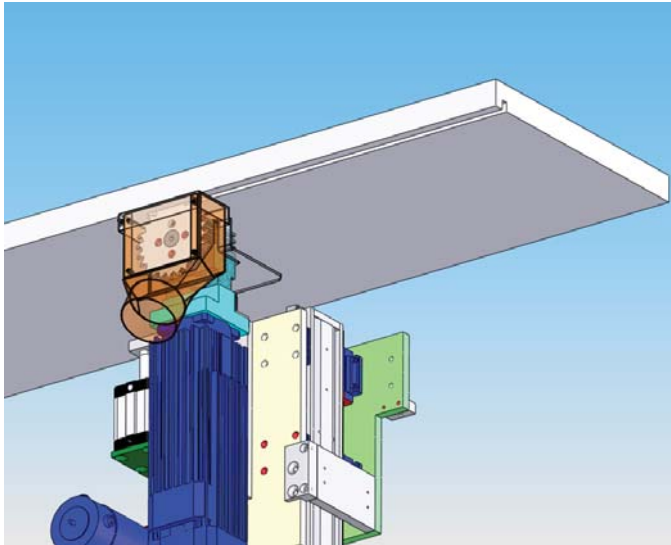
It grants a correct positioning during panel loading and a constant panel held during process.

TOP PRESSING UNIT WITH FULL PLATE

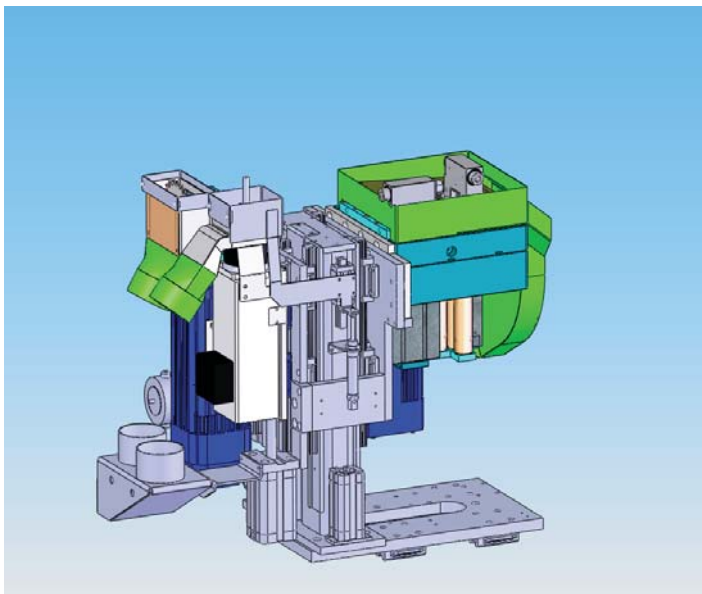
It grants maximum panel seizure against the push of drilling from the bottom; moreover when clamps is re-seizing panel top pressing unit grants panel held.

TOP PRESSING UNIT BY ROLLERS

For a constant and stable panel held during movement.

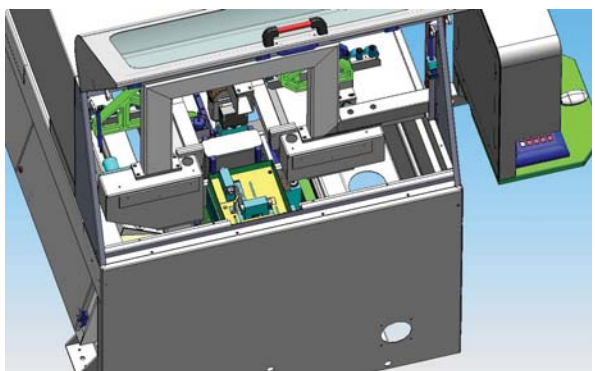
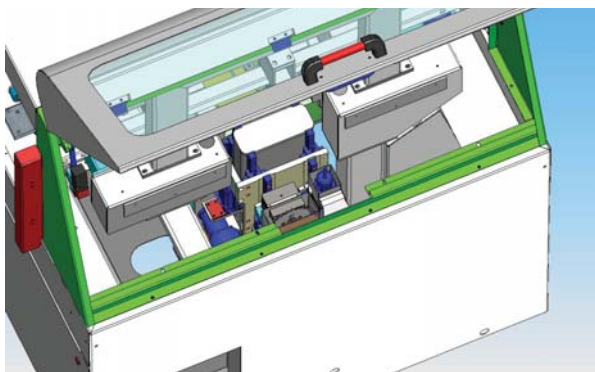


Saw and router dust extraction units with an exclusive telescopic system and a hermetic seal granting the total suction of material waste.



The boring unit is equipped with a dust extraction system with air blowing that creates depression making the extraction more performant. Thanks to system the boring unit is always clean, it remains at low temperature and with absence of shavings that could damages the head seals. All this increases the efficiency of the boring unit.

Boring, routing and grooving units with components of high quality; independent motors for every unit turning only when in use



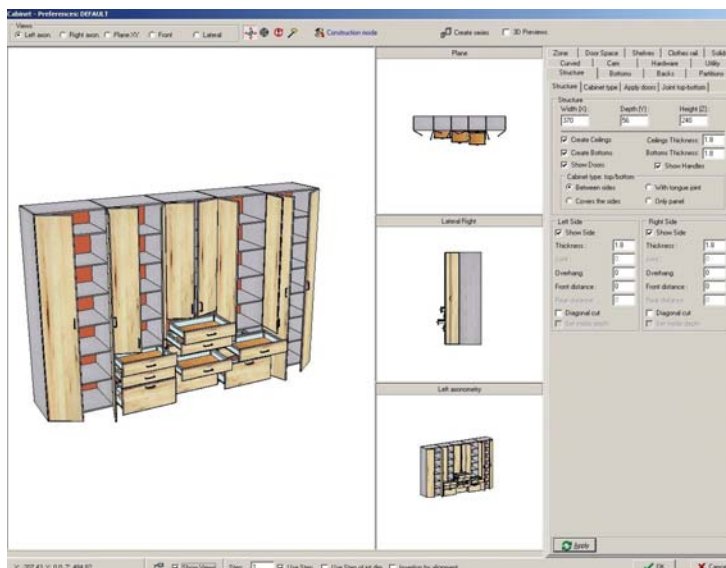
The side doors grant full access to units

Range of NC Boring machines with high performances and precision



STANDARD

- Double optic fiber for panel front/rear edge reading
- Automatic side pusher
- In-feed folding table roller



ImacoCabinet (on demand)
3D design software for furnishing of
homes, shops, office.



AUTOMATIC SIDE PUSHER

Models F60-F80-F100 grant a correct positioning and a constant panel seizure against the side right fence, thanks to the standard automatic side pusher.

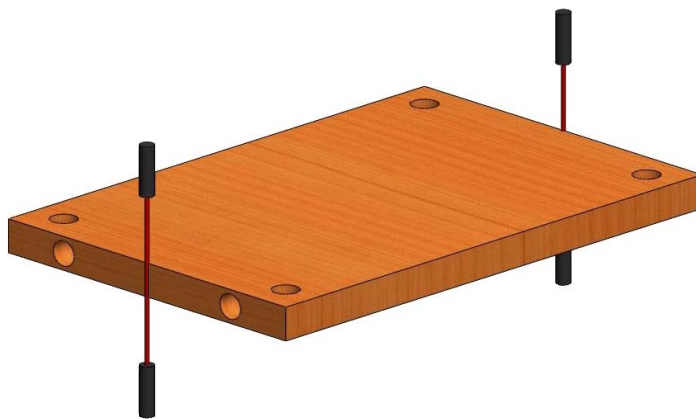
This unit eliminates errors of panel positioning during loading operation and increase processing precision during drilling operation.

TOP PRESSING UNIT WITH FULL PLATE

It grants maximum panel seizure against the push of drilling from bottom; moreover when clamps is re-seizing panel top pressing unit grants panel held.

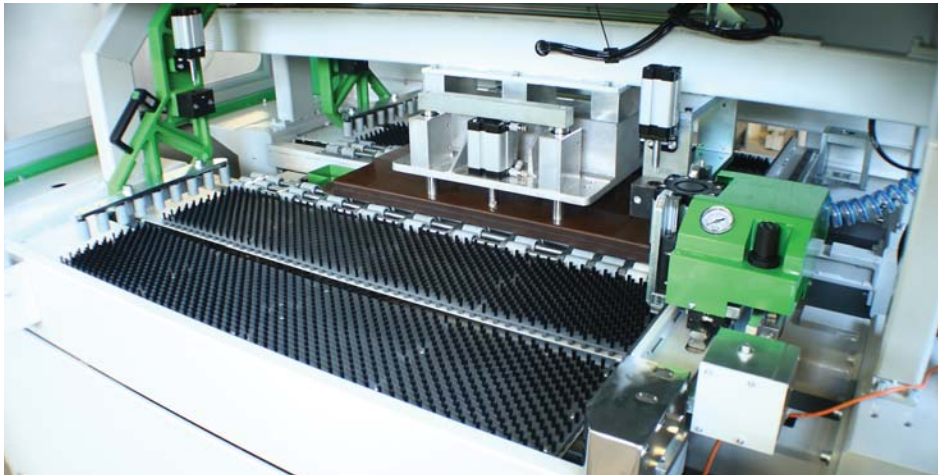
TOP PRESSING UNIT BY ROLLERS

For a constant and stable panel held during movement.



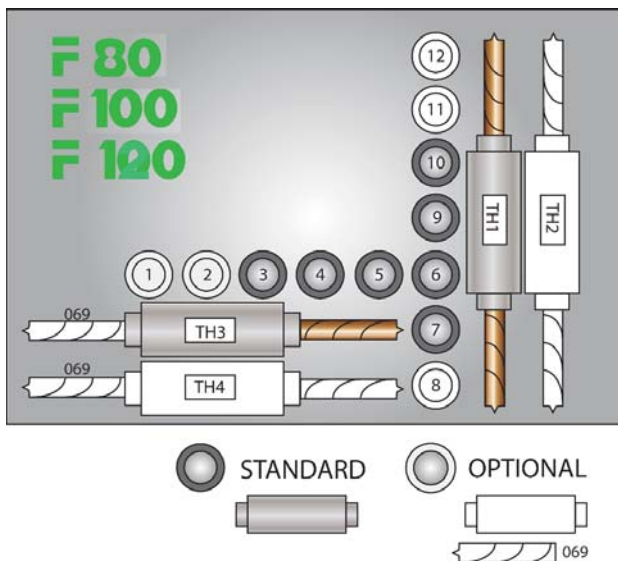
PANEL EDGE READER

Models of F60-F80-F100 are equipped with standard front/rear panel edge reader by double optic fiber. This unit allows to avoid errors of panel cut by correcting automatically the cycles and giving to the cabinet a perfect assembling.



Through-feed boring machine with an easy loading operation for panels of small and big dimensions.

Working tables with brushes to protect delicate panel surfaces during feed-in/out.



BORING HEAD

- 7 vertical spindles
- 1+1 horizontal front-back spindle.
- 1 horizontal spindle for lateral boring

Optional ;

- up to 12 horizontal spindles
- double horizontal spindle front-back boring
- double horizontal spindle for lateral boring
- saw blade unit
- routing unit

DRILLING PRECISION

The heads are made in “ergal” from block.

This technology gives a high stability and indeformable shape . Its compact composition eliminates all risks of air bubbles into the material, typical problems of casting materials. This standard of quality and the use of steel tempered and rectified gears grant the absence of clearance and precision in the time.

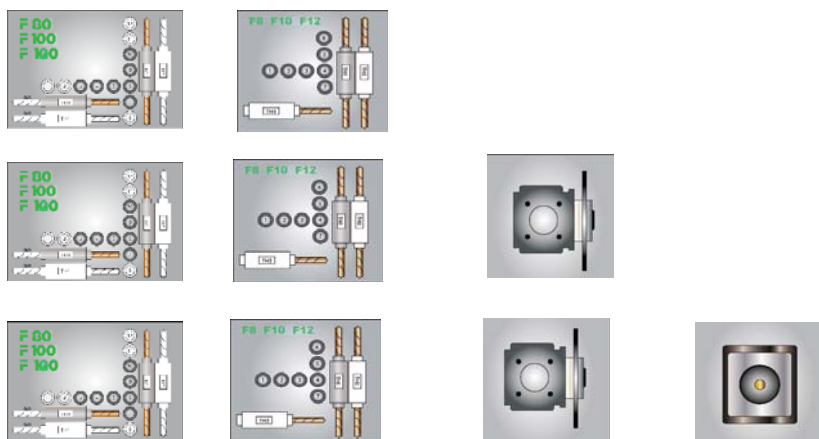
5 YEARS WARRANTY

Warranty on the mechanical movement of the axes . The full warranty of 5 years on the “ system of axes movement”, for which it is not required any maintenance , certify the total reliability of precision of FK even in the long time. The “vital” parts of the machine, system of axes movement, the systems that determine the drilling precision. The belts of movements are of high reliability, being made with strings of steel , grant a seizing on the drawing pulleys of the axes and a precision at “ zero-clearance”. This technical solution allow to distribute the strengths and the weight of movement on a higher fulcrum surface, contrary to the traditional drawing made of gearing on racks where there is a single tooth in seizing. All the remaining machine components , are granted 2 years as per international rules. The warranty is valid only if rules listed in the warranty carnet enclosed into the manual maintenance supplied with the machine are respected.

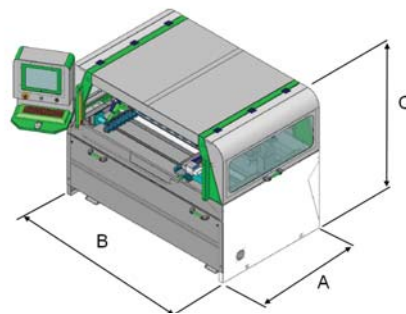
F8 F10 F12 - F80 F100 F120

TECHNICAL DATA	F8 / F10 / F12	F80 / F100 / F120
Axes number	3	3
Working speed	30	30
Spindle rotation speed	3400 rpm	3400 rpm
Dust extraction diameter	100 mm	100 mm
Air pressure	6 bar	6 bar
Power required	3,5 - 7,5 kw	3,5 - 7,5 kw
Working table height	900 m	900 mm
Basic CAD/CAM software	standard	---
PERFORMANCE SOFTWARE	optional	standard
CABINET SOFTWARE	optional	optional
Front folding rollers	optional	standard
Back Folding rollers	optional	optional
Front/rear panel edge reader by double optic fiber	optional	standard
Automatic side pusher	optional	standard
Bar code reader	optional	optional
Boring with inverter	optional	optional
Saw unit or router unit	optional	optional
Working range	0-800 / 0-1000 / 0-1200	0-800 / 0-1000 / 0-1200

Modular configuration



	LENGTH "A"	WIDTH "B"	HEIGHT "C"	MAX PANEL
F8 - F80	1750	1760	2250	800
F10 - F100	1750	1960	2450	1000
F12 - F120	1750	2160	2750	1200



IMACO



**STANDING
INNOVATION**

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