

# IMACO

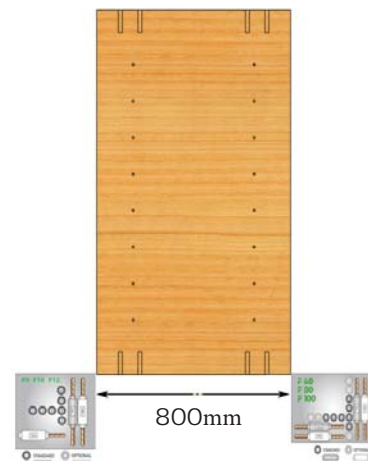
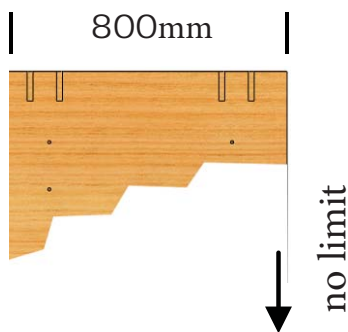
# FK 800L

*The NC through-feed boring machine for workshops that require Maximum Flexibility, Quality of work and Precision.*



Working range of boring head

0 - 800 with all spindles



*Flexibility in changing different panels and drilling programs  
Precision in drilling for a perfect panel assembling  
Easy use*

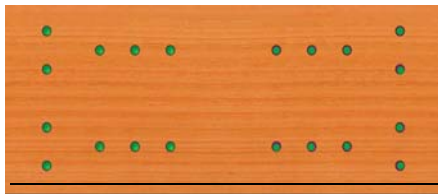


FK Through-feed NC Boring machine has been thought for machining small and customized lots . It combines the high technology of NC drilling center of the last generation to the exigency of the easy use , being able to represent the core of the production for the small company.

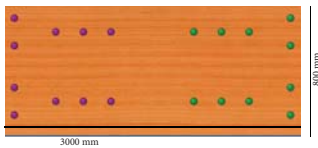
Times of equipment and tooling are zero, software easy and intuitive, no exigency of programming , easy management and start of working cycles, minimum necessity of maintenance and adjustment.

Processing executable in a single cycle: holes for hinges and handles, holes for assembling and shelves, horizontal, vertical holes, grooving ( opt.)

Precision: the drilling program is managed splitting the panel machining in two halves, using the double guide, left and right. In this way it is possible to get the maximum drilling precision calculated on the real two ends of the panel.



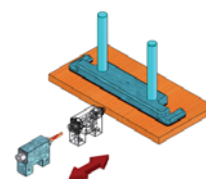
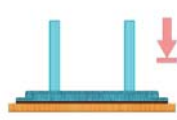
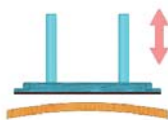
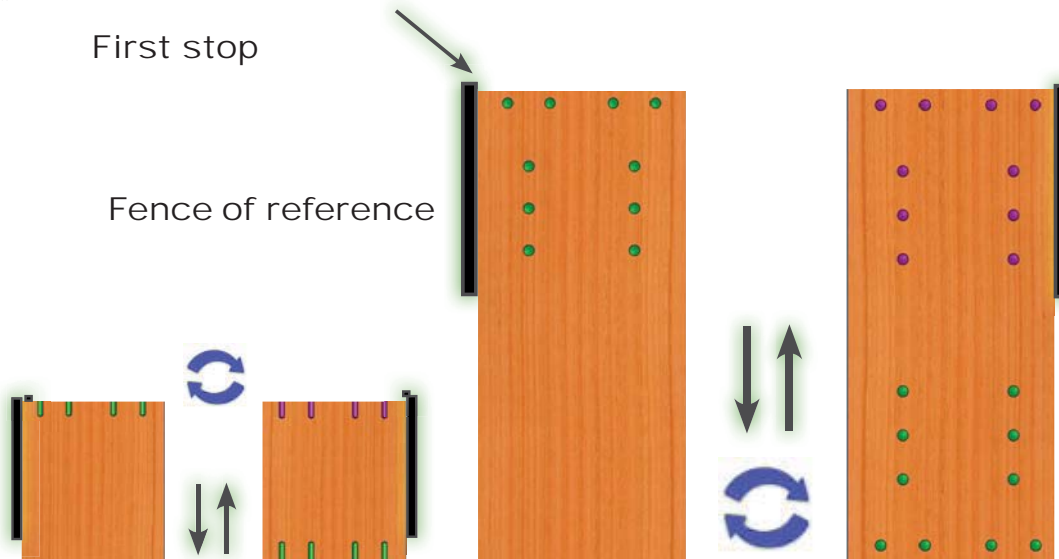
Possibility to work in n. 1 cycle, in one pass.



For a process of high precision, N. 2 working cycles with double "0", ideal to be used in workshops of small dimensions.

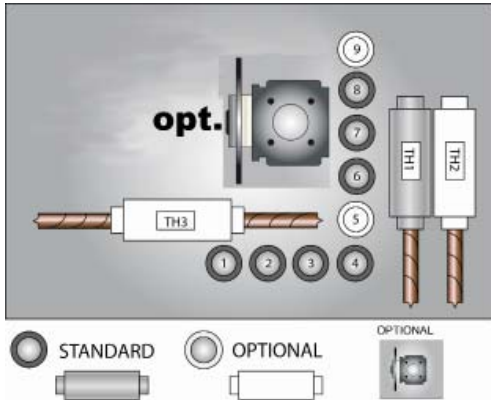
First stop

Fence of reference



The panel seizing system with full pressing unit, grant a drilling precision also in horizontal drilling with panel not totally flat.

The panel thickness irregularities are automatically brought inside the cabinet granting always a perfect external finish in the panel assembling.



## DRILLING PRECISION

No machine equipment  
No bits replacement

Boring head with independent spindles . The NC uses the spindles optimizing their activation according to the programming and type of holes required, with possibility of several configurations.

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.

Its performances make the machine able to drill one after the other lots of panel even all different without any setting time or boring head tooling.

## EASY USE



Graphic and parametric NC of easy use , manageable without any particular programming knowledge. Programs can be stored and executed by all workers in a workshop.

## 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.

# FK 800L FK 1200L

*It executes all types of drilling:*

*Front holes*

*Side holes*

*Hinge drilling*

*Multiple drilling for shelves*

*Grooving opt.*

*Always ready for use with tools set*

*Double working system: double cycle  
single cycle*



No need of particular training for machine's user  
Machine can be connected in Tele-service

## TECHNICAL DATA

	<i>FK 800L</i>	<i>FK 1200L</i>
NC axes controlled	2 (X - Y)	2 (X - Y)
NC axes Z controlled	optional	optional
Max panel width	800 mm	1200 mm
Axis working speed	25 m/min	25 m/min
Spindle rotation speed	3400 rpm	3400 rpm
Max power required	2,5 Kw	2,5 Kw
Suction connection diameter	2 x Ø 80 mm	2 x Ø 80 mm
Air pressure	6 bar	6 bar
Dimension	1850 x 1900 x 1750 h mm	2395 x 2050x 1750 h mm
Saw unit	optional	optional
Working table height	900 mm	900 mm
Single cycle	optional	optional
Automatic cleaningtables	optional	optional
Teleservice	optional	optional

# IMACO



ACIMALL

*STANDING  
INNOVATION*

IMACO GROUP

VIA ROVERETA, 29

47853 - CERASOLO AUSA DI CORIANO (RN) - ITALIA

TEL. (+39) 0541-729292 FAX (+39) 0541-729294

WEB SITE: [WWW.IMACOGROUP.IT](http://WWW.IMACOGROUP.IT) E-MAIL: [SALES@IMACOGROUP.IT](mailto:SALES@IMACOGROUP.IT)

WEB SITE: [WWW.HIRZT.COM](http://WWW.HIRZT.COM) E-MAIL: [SALES@HIRZT.COM](mailto:SALES@HIRZT.COM)