

F K 700 FK 1200



*The Through-feed NC Boring machines for small lots*

**STANDING**

**INNOVATION**



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



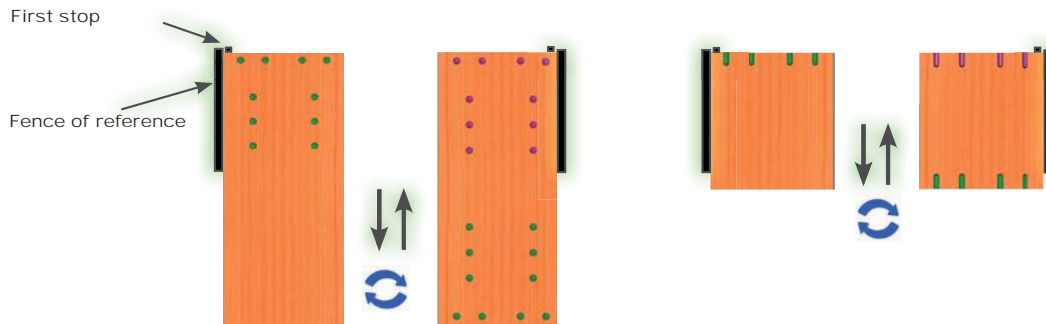
**MAXIMUM FLEXIBILITY  
NO MACHINE EQUIPMENT  
NO BITS REPLACEMENT**

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.

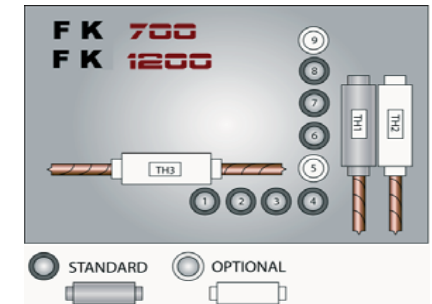
Times of equipment and tooling are zero, software easy and intuitive, no exigency of programming , easy management and start of working cycles, minimum necessity of maintenance and adjustment.

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

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.



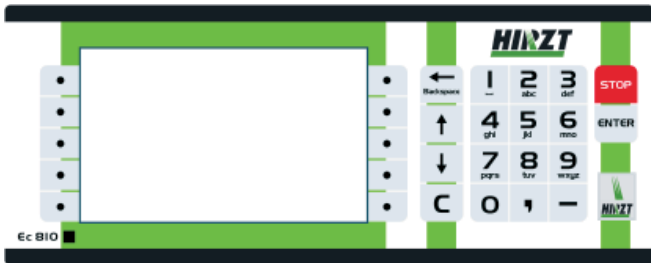
**DRILLING PRECISION  
NO MACHINE EQUIPMENT  
NO BITS REPLACEMENT**



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.

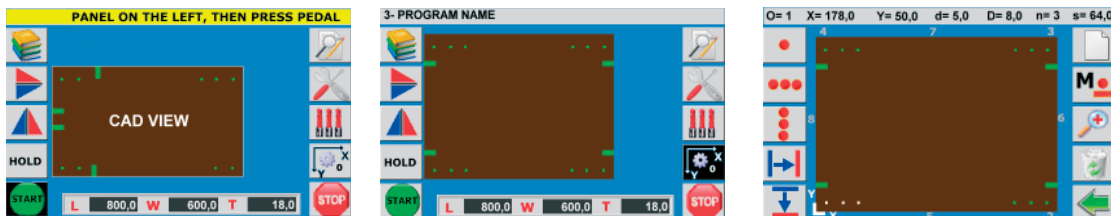
The heads are made in “ergal” from block.

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 gearings grant the absence of clearance and precision in the time.

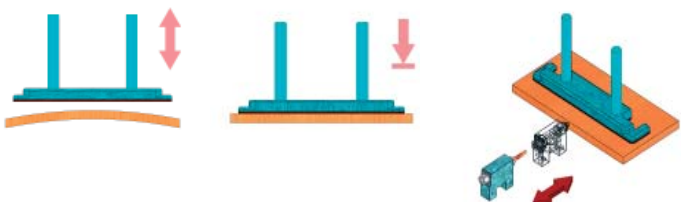


## EASY USE

Parametric NC of easy use, managed without any particular skill in programming. All operators in carpentry shop can store and execute drilling programs.



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.



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

## 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 teeth 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.



*STANDING INNOVATION*

FK 700 FK 1200

*DATI TECNICI*

	<i>FK700</i>	<i>FK1200</i>
NC Axes	2 (X - Y)	2 (X - Y)
NC Axis Z	optional	optional
Max panel width	620 mm	1020 mm
Axes speed	30 m/min	30 m/min
Spindles RPM	3400 rpm	3400 rpm
Total power	2,5 Kw	2,5 Kw
Dust extraction diameter	2 x Ø 60 mm	2 x Ø 60 mm
Air Pressure	6 bar	6 bar
Dimensions	1730 x 1600 mm	1730 x 2060 mm
Working table height	900 mm	900 mm

*STANDING INNOVATION*

*BORDATRICI - EDGE BANDERS  
FORATRICI - BORING MACHINES  
IMPIANTI DI AUTOMAZIONE - AUTOMATION CENTRES*

**HIRZT** S.R.L.  
VIA ROVERETA, 22  
47853 - CERASOLO AUSA DI CORIANO (RN) - ITALIA  
TEL. (+39) 0541-729292 FAX (+39) 0541-729294  
WEB SITE: WWW.HIRZT.COM E-MAIL: INFO@HIRZT.COM

