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FMC serie due



Via Mercadante, 85 - 47841 Cattolica (RN) - Italia

Tel +39.0541.832611 - Fax +39.0541.832615

info@fomindustrie.com

fomindustrie.com



The specifications and illustrations in this catalogue are only guideline, FomIndustrie therefore reserves the right to make any modifications it deems necessary for technical or commercial reasons at any time and without prior notification.



FMC 230

Machining centre with 4 controlled axes for machining on 3 faces of aluminium profiles with a cross-section of 190 x 210 mm and steel tubes up to 2 mm thick. Supplied as standard with minimum lubrication, 10 location tool magazine, 5 kW electrospindle and two pairs of pneumatic vices with positioning using an upright. A 5 kW ISO 30 electrospindle allows made and trimmed to measure components to be produced. The rigid tapping and flowdrilling functions can be activated on request.

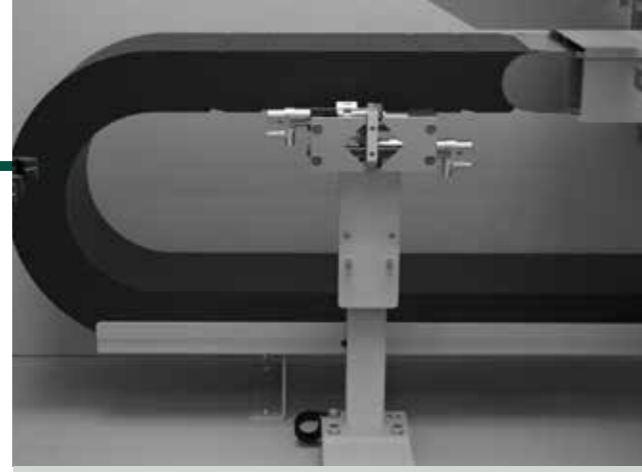
OVERVIEW

The console is adjustable for easy control of the working area and it is equipped with a practical push-button panel. 24" display.

WORKING AREA CONFIGURATION

A pneumatically controlled fixed stop is provided as standard. It is possible to add a second stop on the right (optional) to machine two pieces during the same work cycle.

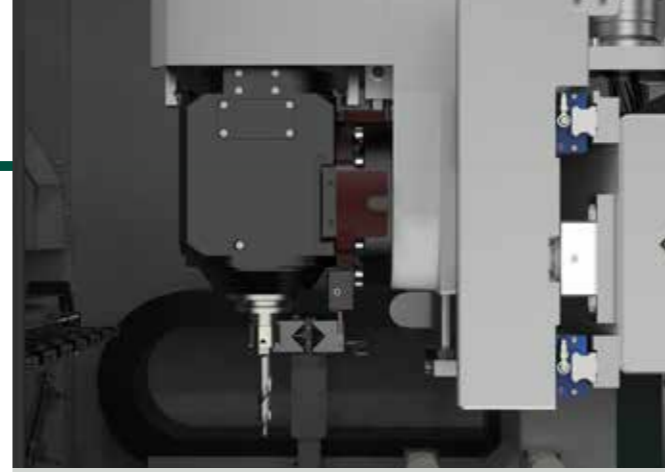
FIXED 10 LOCATION TOOL MAGAZINE



X FLOW

Productivity increases with X FLOW, the solution patented by Fom for automatic set up of the nozzles in the optimum position for tool lubrication.

FOM INDUSTRIE PATENT



ELECTROSPINDLE

The electrospindle's high power ensures maximum reliability even for the most heavy duty machining operations.



VICES

Cast aluminium vices with controlled automatic positioning along the X axis using the upright.



To extend the clamping capacity and the working areas, cast iron **EXTRA CLAMPING VICES** are available, in which closing of the jaw is carried out using straight guides.

ERGONOMICS AND SAFETY

The safety guard system guarantees extensive visibility in the working area and maintains profile loading and unloading ergonomics. The luminous **FOM Industrie LOGO** indicating the machine status is integrated in the guard system.

X PAL (Positioning Assistant Led)

Multifunction LED bar, available on request, that assists the operator when using the machine and loading the bars. During machining, the lighting of the Led signals the progress of the machining cycle.

FOM INDUSTRIE PATENT



DUAL REFERENCE

The profile length measuring device provides two references for positioning the machining operations.



MACHINING HEAD allows machining operations to be carried out on 3 sides of the profile at any angle between 0° and 180° and on the 2 ends. The brushless motor allows exceptional performance in terms of acceleration and speed, placing the FMC 230 at the top of its category.

