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Fom Industrie

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FMC

serie tre



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FMC 340•370

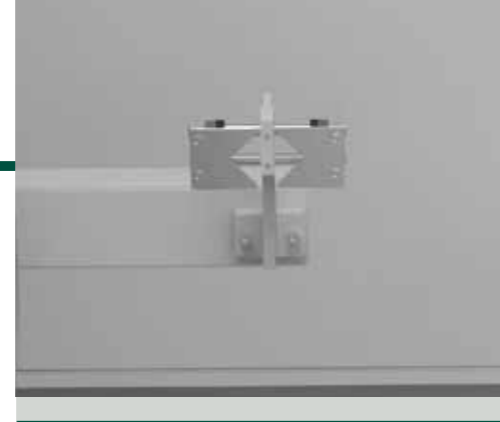
Fully automated machining centre with 4 interpolating axes for machining on 3 faces of aluminium profiles with a cross-section of 180 x 270 mm (up to 300 x 270 mm on 2 faces of profiles) and steel tubes up to 3 mm thick.

A 7 KW liquid-cooled electro-spindle allows the production of custom machined and milled elements. According to the configuration chosen it is possible to carry out single area, double area or alternate (on FMC 370), multi-piece machining (with X PAL).



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**

FIXED 8 LOCATION TOOL MAGAZINE (FMC340)



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

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.



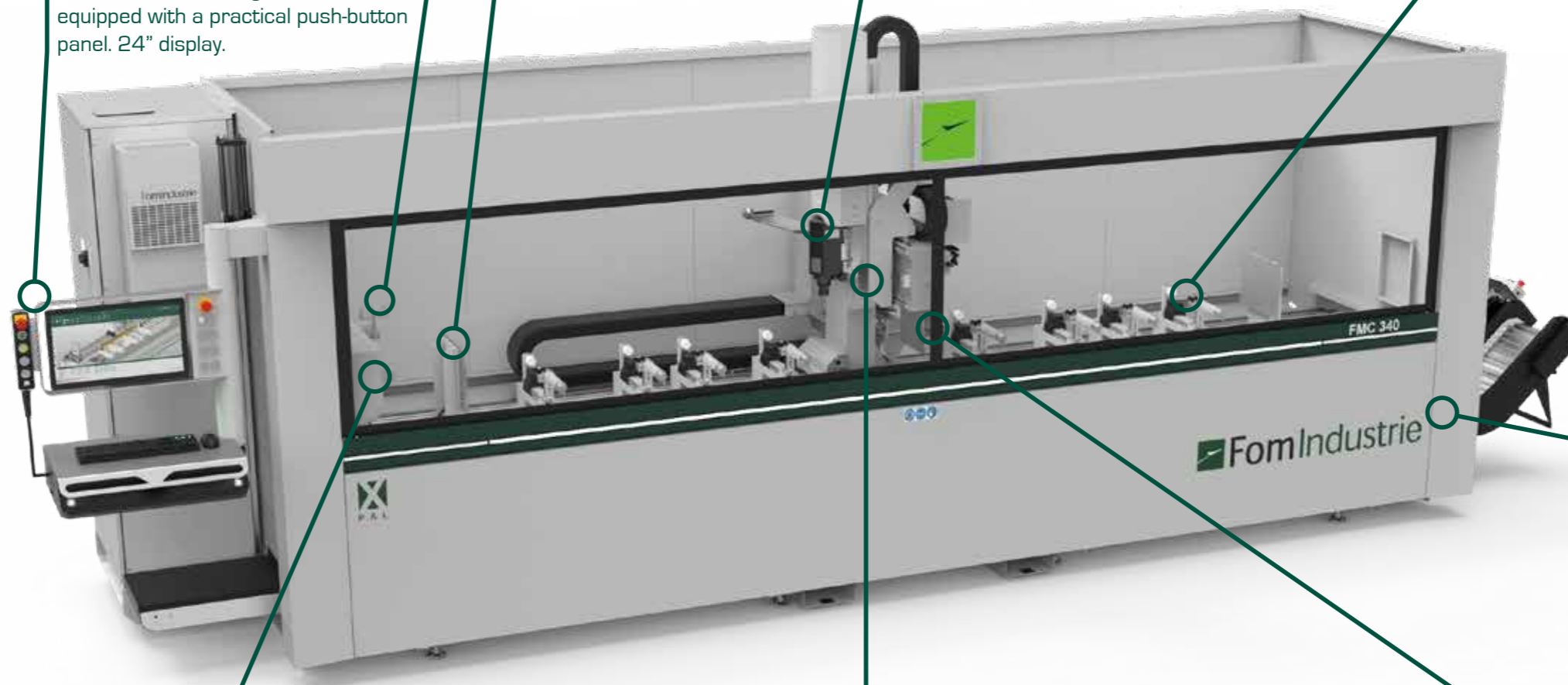
MACHINING ON 5 PROFILE FACES

The machining head is compact in size to minimise the need for repositioning, but extremely rigid to guarantee excellent quality.



VICES

made of cast aluminium with controlled automatic positioning along the X axis using the upright or independent (optional). Cast aluminium **extra clamping vices** are also available on request, in which closing of the jaw (in cast iron) 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 AXIS BEAM CARRIAGE

made of electrowelded steel, it is driven by a high performance brushless motor ensuring speeds of up to 100m/min. On request, the carriage can be fitted with a device to check the tool and measure its length.

DUAL REFERENCE

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

9 LOCATION TOOL MAGAZINE ON HEAD (FMC370)

