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FMC

serie tre



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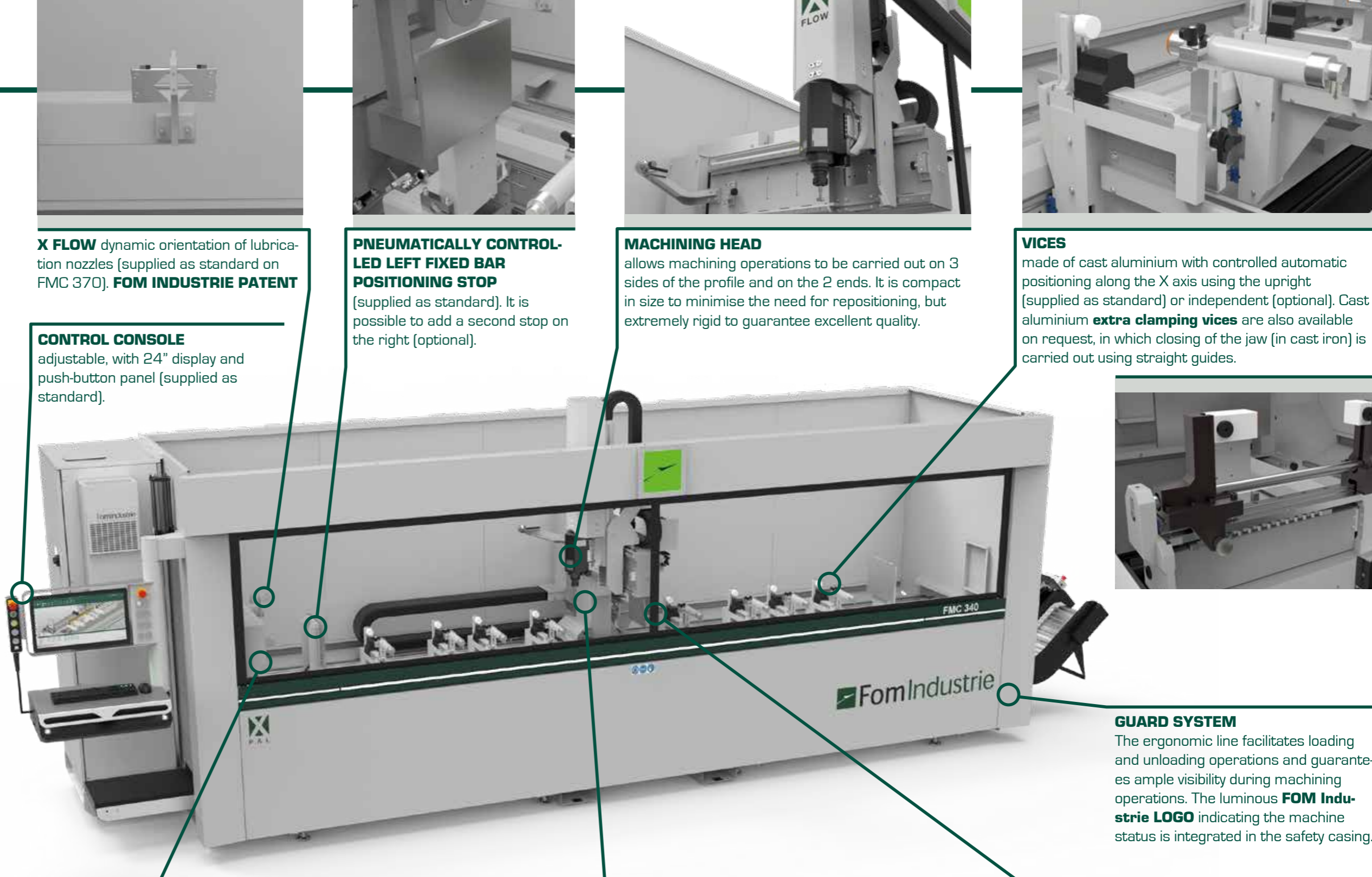


The specifications and illustrations in this catalogue are only guideline, FomIndustrie therefore reserves the right to make any modifications it deems necessary for technical or commercial reasons at any time and without prior notification.



FMC 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 electrospindle 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 XPAL).



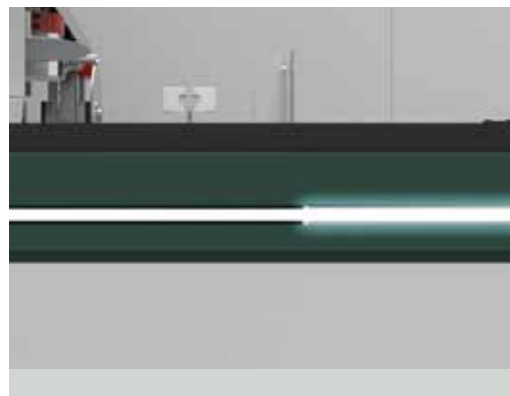
X FLOW dynamic orientation of lubrication nozzles (supplied as standard on FMC 370). **FOM INDUSTRIE PATENT**

CONTROL CONSOLE adjustable, with 24" display and push-button panel (supplied as standard).

PNEUMATICALLY CONTROLLED LEFT FIXED BAR POSITIONING STOP (supplied as standard). It is possible to add a second stop on the right (optional).

MACHINING HEAD allows machining operations to be carried out on 3 sides of the profile and on the 2 ends. It 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 (supplied as standard) 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.



X PAL (Positioning Assistant Led) multifunction LEDs bar that assists the operator when using the machine and loading the bars (optional). **FOM INDUSTRIE PATENT**

FIXED TOOL MAGAZINE allows loading of up to 8 tools (supplied as standard on FMC 340).



TOOL MAGAZINE ON BOARD THE HEAD allowing up to 9 tools to be loaded (supplied as standard on FMC370).



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.



BAR LENGTH MEASURING DEVICE to detect the actual length of the profile and position the machining operations with precision (optional).



GUARD SYSTEM The ergonomic line facilitates loading and unloading operations and guarantees ample visibility during machining operations. The luminous **FOM Industrie LOGO** indicating the machine status is integrated in the safety casing.

