

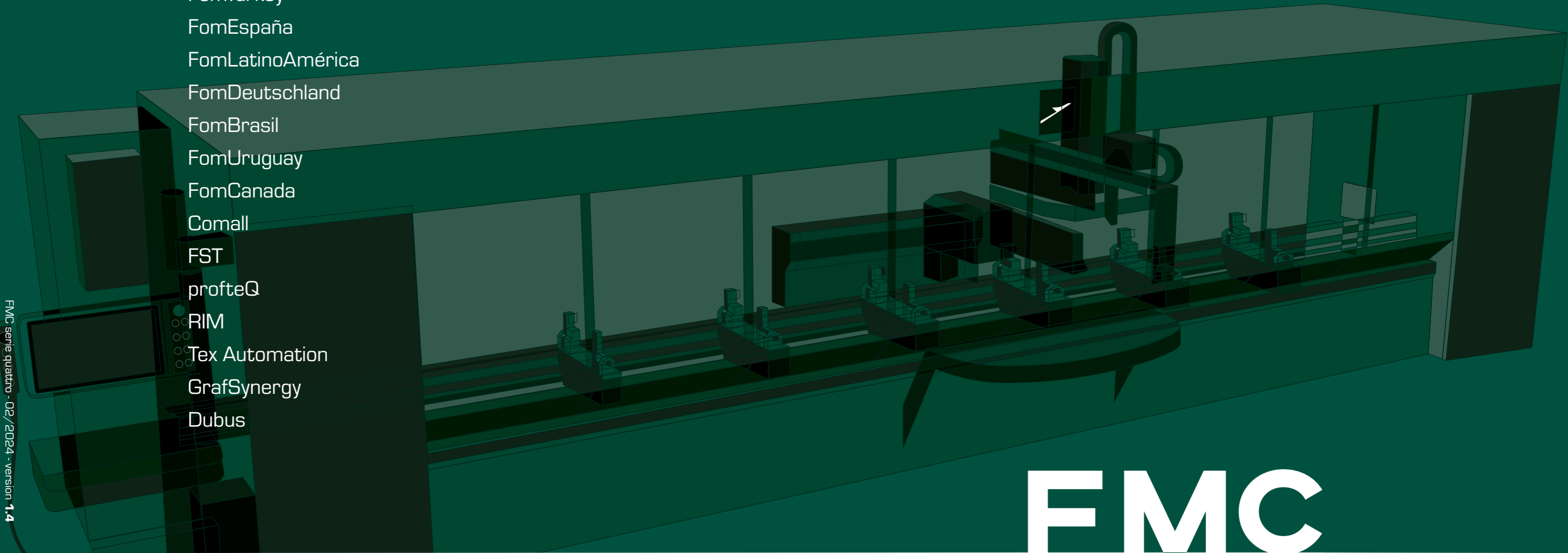


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FMC serie quattro - 02/2024 - version 1.4



FMC

serie quattro

 **FomIndustrie**
Aluminium Working Machinery

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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.



EMC

440.470

Fully automated machining centre with 4 interpolating axes for machining on 3 faces of aluminium profiles with a cross-section of 250 x 270 mm and steel tubes up to 3 mm thick. A 7 kW (optionally 11kW) liquid-cooled electro-spindle allows the production of custom machined and milled elements.

OVERVIEW

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

X PAL (Positionnement 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**



VICES made of cast aluminium with controlled automatic positioning along X using the upright or independent (optional).

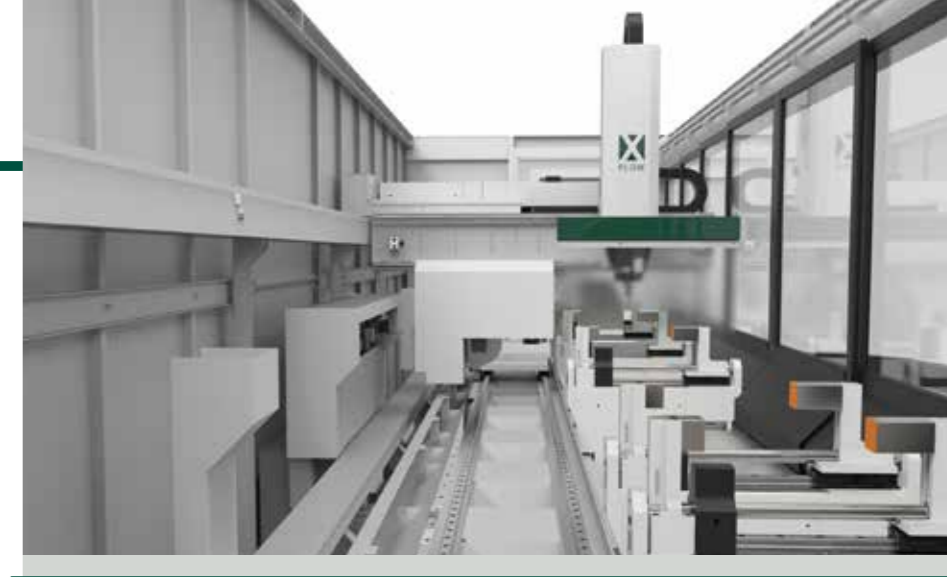


FIXED 8 LOCATION TOOL MAGAZINE (opt)

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**

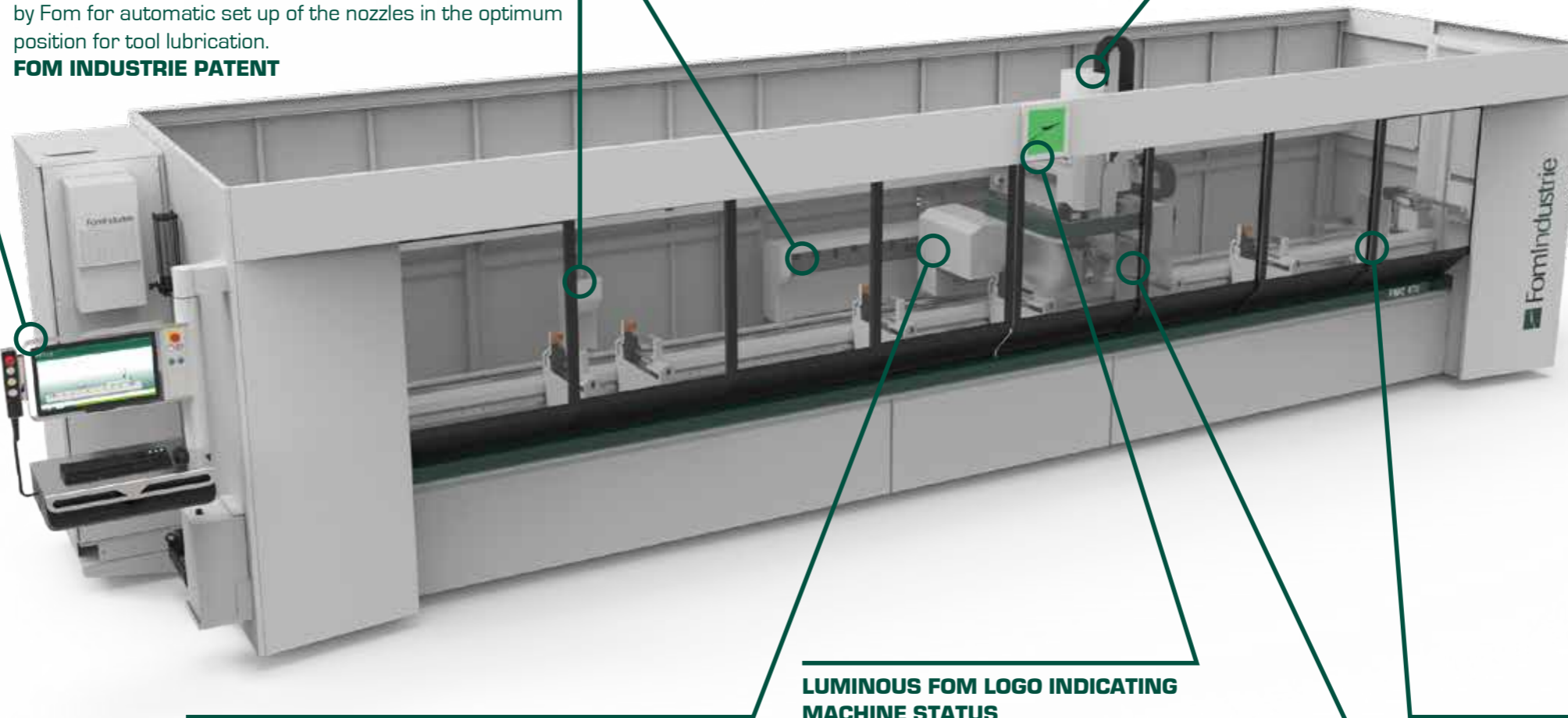


MACHINING ON 5 PROFILE FACES



X AXIS BEAM CARRIAGE

Travels on straight guides driven by brushless motors with speeds of up to 100m/min.



AUTOMATIC MECHANICAL COMPONENT LUBRICATION

VISIBILITY OF MACHINING OPERATIONS

the ergonomic line guarantees ample visibility during machining operations.

CLEANING THE WORKING ENVIRONMENT

Base shape optimised to collect chips and waste. **FOM INDUSTRIE PATENT**

LUMINOUS FOM LOGO INDICATING MACHINE STATUS

TOOL MAGAZINE ON HEAD allows loading of up to 9 tools. On request, the tool magazine can be fitted with a device to check the tool is undamaged and measure its length, so as to allow real time control and guarantee precise machining operations at all times.

DUAL REFERENCE

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

WORKING AREA CONFIGURATION

A fixed position, pneumatically controlled reference stop is provided. By adding the optional additional stops it is possible to machine up to 4 bars at a time in single working area, double working area or pendular mode.

