

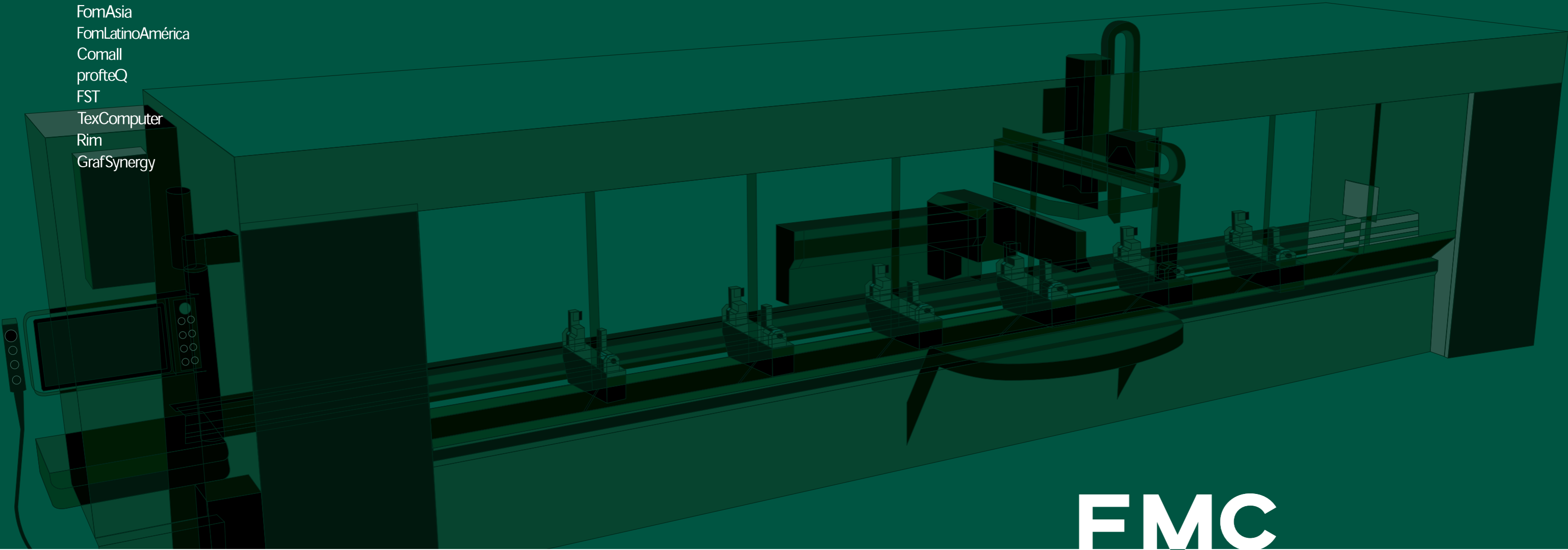


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FomIndustrie
Aluminium & PVC Working Machinery



EMC
470



FomIndustrie
Aluminium & PVC Working Machinery

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FMC 470

Fully automated processing centre with 4 interpolating axes for the machining of aluminium profiles with a cross-section of 230x250 mm and steel tubes up to 2 mm thick. A 7Kw, liquid-cooled electrospindle with a maximum rotation speed of 20000 rpm allows the production of custom machined and milled elements. According to its configuration, it is possible to manage up to 10 driven axes controlled by the NC.

PUSH BUTTON STRIP

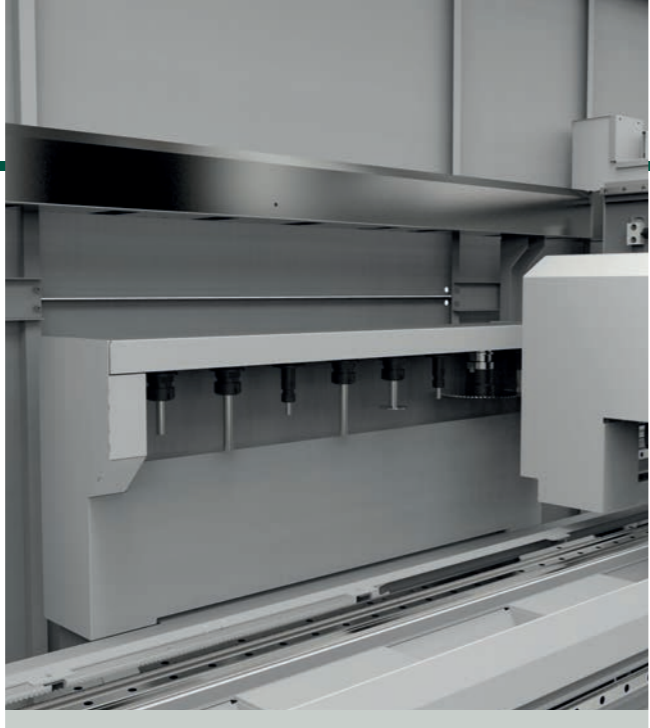
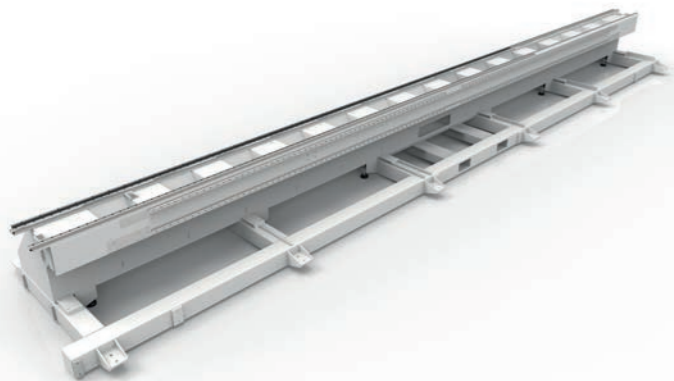
to control the machine during operations from every station (standard).

ADJUSTABLE CONTROL CONSOLE

hooked to the guard cabin to run commands and programs. 21.5" display.

BASE

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



FIXED TOOL MAGAZINE

on base allowing up to 8 tools to be loaded (optional).



MACHINING HEAD

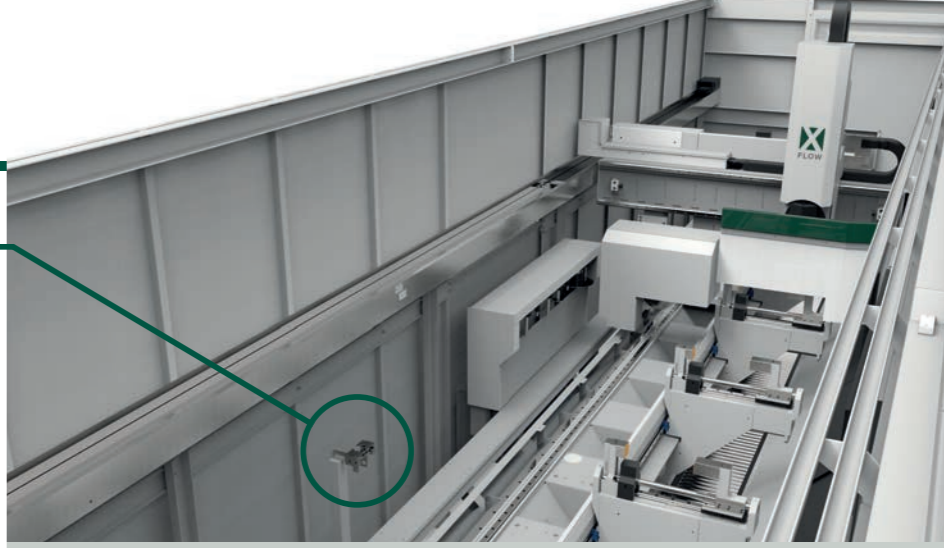
allows machining on 3 sides of the profile and on the 2 ends.

X FLOW

dynamic orientation of lubrication nozzles. **FOM INDUSTRIE PATENT**

LIGHTED FOM LOGO

indicating the machine status.



X AXIS BEAM CARRIAGE

made of electrowelded steel. It moves on straight recirculating ball guides, with a brushless motor guaranteeing high performance. Working speeds of up to 100m/min.

LUBRICATION OF MECHANICAL COMPONENTS

automatic for the straight guides and recirculating ball screw lead screws.

PROTECTIVE CASING

the ergonomic line guarantees ample visibility during machining operations.

PNEUMATICALLY CONTROLLED FIXED BAR POSITIONING STOP

(standard) it is possible to add up to 3 stops (2 automatic, 1 fixed) to allow simultaneous machining of 4 bars (optional). Single working area, double working area, pendular machining.

BAR LENGTH MACHINING DEVICE

to detect the length of the profile and position the machining operations with precision (optional).

TOOL MAGAZINE ON THE HEAD

allowing up to 9 tools to be loaded (standard).

VICES

made of cast aluminium with controlled automatic positioning in X using an upright (standard) or independently (optional).

