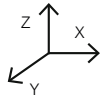
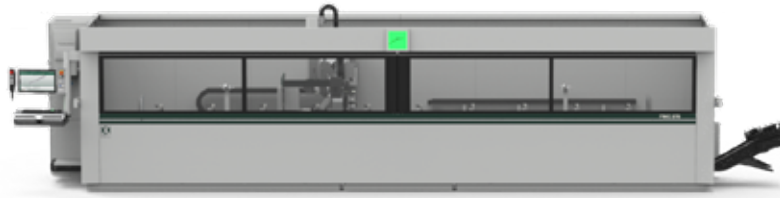


FMC Serie 3



CNC Machining Centre with 4 controlled axes



✓ = standard ○ = optional ✕ = not available

Technical specifications

Working areas	FMC 340	FMC 370
X axis top face only	4 157 mm	7 158 mm
X axis top face + ends	4 000 mm	7 000 mm
Y and Z axes for machining on 3 or 2 faces of profile	180x270 mm	
Y and Z axes for machining on 2 faces of profile + extra clamping vices	300x270 mm	
A axis	-15° ; +195°	

Dynamic performance

X axis speed	100 m/min
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Profile positioning and locking

Vices with automatic positioning along the X-axis (longitudinal) through the travelling column

	4	
Max number of vices	8	10
Transformation of standard vices to vices with independent positioning	○	○
Extra clamping vices	○	○
Fixed and automatically reclining stop	LH ✓ - RH ○	
Automatic vice pressure adjustment	○	○
Multi-piece machining	○	○
Multi-piece pendular machining	✕	○
Device to measure profile length	○	○
X-Pal Fom PATENT	○	○

Lubrication of mechanical components

Automatic lubrication of straight guide blocks and recirculating ball screw lead screws	○	○
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The specifications and illustrations in this document are only guideline, **Fom** therefore reserves the right to make any modifications it deems necessary for technical or commercial reasons at any time and without prior notification.

REV. 02

FMC Serie 3

CNC Machining Centre with 4 controlled axes



✓ = standard ○ = optional ✕ = not available

Technical specifications

Electrospindle

	FMC 340	FMC 370
Electrospindle 7 kW 20 000 rpm	✓	✓
Rigid tapping (max M16 depth on aluminium and max M10 depth on steel)	○	○
Cooling	Liquid	
Tool collet	HSK F63	

Tool magazine

8-Position tool magazine fixed to the base	✓	✕
9-Position tool magazine on board the carriage (as an alternative to the standard magazine)	○	✓
Device to measure tool length	○	○

Tool lubrication

Minimum quantity lubrication	✓	✓
Lubrocooling with minimum use of water-oil + dedicated tank	○	○
X-Flow (automatic orientation of lubrication nozzles) Fom PATENT	○	1 ✓ 1 ○

Control and software

24" screen	✓	✓
Luminous Fom Logo indicating machine status	✓	✓
IoT ready	✓	✓
Wireless bar-code reader	○	○
FSTCam4	✓	✓

