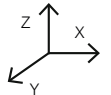
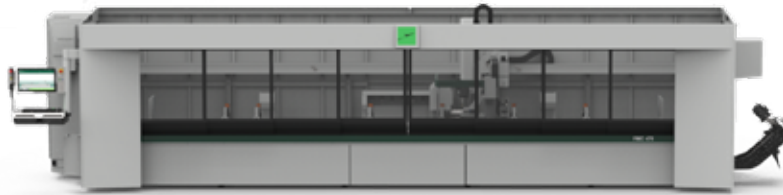


FMC Serie 4



CNC Machining Centre with 4 controlled axes



✓ = standard

○ = optional

Technical specifications

Working areas

	FMC 470	FMC 440
X axis top face only	7 158 mm	4 163 mm
X axis top face + ends	7 000 mm	4 000 mm
Y and Z axes for machining on 2 faces of profile	300x270 mm	
Y and Z axes for machining on 3 faces of profile	250x270 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	10	8
Transformation of standard vices to vices with independent positioning	○	○
Fixed and automatically reclining stop	LH ✓ - RH ○	
Automatic vice pressure adjustment	○	○
Pair of independent driven mobile stops	○	○
Multi-piece machining	○	○
Pendular machining	○	○
Multi-piece pendular machining	○	○
Device to measure profile length	○	○
X-Pal Fom PATENT	○	○



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. 2

FMC Serie 4



CNC Machining Centre with 4 controlled axes

✓ = standard

○ = optional

Technical specifications

Electrospindle	FMC 470	FMC 440
Electrospindle 7 kW 20 000 rpm	✓	✓
Electrospindle 11 kW 20 000 rpm	○	○
Rigid tapping (max M16 depth on aluminium and max M10 depth on steel)	○	○
Cooling	Liquid	
Tool collet	HSK F63	

Lubrication of mechanical components

Automatic lubrication of straight guide blocks and recirculating ball screw lead screws	✓	✓
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Tool magazine

9-Position tool magazine mounted on the head	✓	✓
8-Position tool magazine fixed to the base	○	○
Device to measure tool length	○	○

Tool lubrication

Minimum quantity lubrication	✓	✓
Lubrocooling with minimum use of water-oil + dedicated tank	○	○
Additional Flowdrill lubrication system	○	○
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	✓	✓

