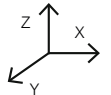
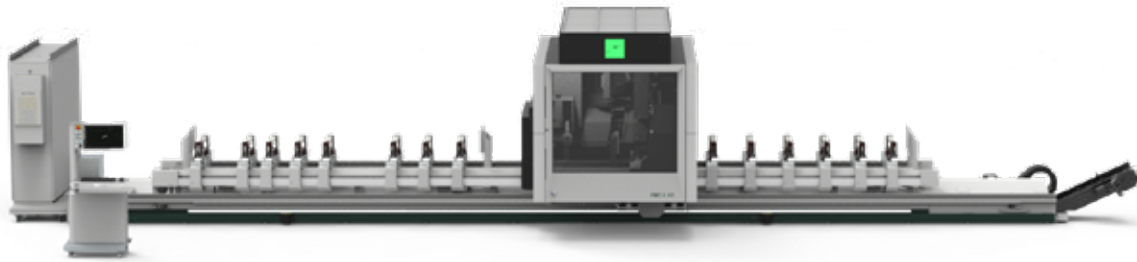


FMC Serie 6

CNC Machining Centre with 5 controlled axes



✓ = standard

○ = optional

Technical specifications

Working areas

	075	100	150
X axis top face only	7 895 mm	10 495 mm	17 235 mm
X axis on 5 faces of profile	7 485 mm	10 085 mm	16 825 mm
mmY and Z axes for machining on 2 faces of profile	530 mm x 400 mm		
Y and Z axes for machining on 3 faces of profile	580 mm x 400 mm		
C axis	-10° ; +360°		
D axis	0° ; +180°		

Dynamic performance

X axis speed	85 m/min		
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Profile positioning and locking

Vices with controlled and independent positioning	8	8	12
Vices X-Raise Fom PATENT	○	○	○
Max number of vices	16	16	16
Automatically reclining stops	2	2	2
Central stops	○	○	○
X-Pal	○	○	○
Device to measure profile length	○	○	○
3D piece tracer (tool)	○	○	○
SW adjustment of the vice pressure	✓	✓	✓
Multi-piece machining	○	○	○
Pendular machining	○	○	✓
Multi-piece pendular machining	○	○	○
Cut and separate + step-by-step module	○	○	○



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REV. 01

FMC Serie 6

CNC Machining Centre with 5 controlled axes



✓ = standard

○ = optional

Technical specifications

Lubrication of mechanical components

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

075

✓

100

✓

150

✓

Electrospindle

Electrospindle 22 kW 24 000 rpm

✓

✓

✓

Rigid tapping

✓

✓

✓

Cooling

Liquid with refrigerator unit

Tool collet

HSK E63

Rated torque

20 Nm

Temperature probe

○

○

○

Tool magazine

Automatic 32 location chain type tool magazine

✓

✓

✓

Maximum tool length in the magazine

240 mm

Maximum mill diameter in dedicated magazine

230 mm

Device to measure tool length

○

○

○

Dedicated blade magazine

✓

✓

✓

Maximum blade diameter in dedicated magazine

500 mm

Tool lubrication

Minimum quantity lubrication

✓

✓

✓

Additional lubrication system dedicated to lubricooling

○

○

○

Additional Flowdrill lubrication system

○

○

○

Nozzles integrated into the head

7

Control and software

24" screen

✓

✓

✓

Wireless bar-code reader

○

○

○

FSTCam4

✓

✓

✓

IoT ready

✓

✓

✓

Wireless button pad

○

○

○



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REV. 01

FMC Serie 6

CNC Machining Centre with 5 controlled axes



✓ = standard ○ = optional

Technical specifications

Additional cutting unit (FMC 6 X2)	075	100	150
Tungsten carbide blade Ø 650	✓	✓	✓
Downfeed cut	✓	✓	✓
Movement with 4 controlled axes (X, Y, Z and rotation A)	✓	✓	✓
Cutting head with 360° infinite blade rotation	✓	✓	✓
Blade motor 7,5 kW	✓	✓	✓
Blade speed adjustment using an inverter	✓	✓	✓
Minimum lubrication with pure oil	✓	✓	✓

