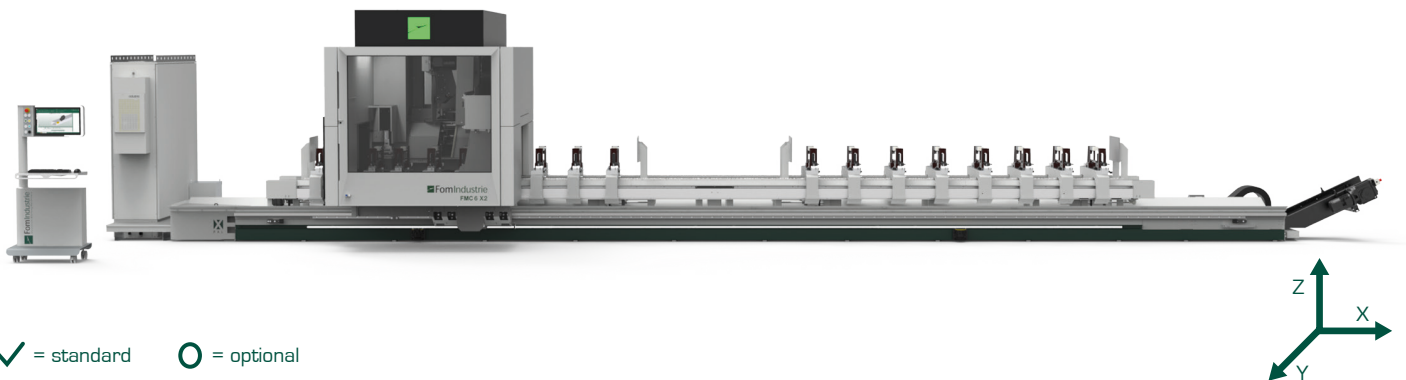


FMC SERIE SEI



TECHNICAL FEATURES

WORKING AREA

- X axis top face only
- X axis on 3 faces of profile
- X axis on 5 faces of profile
- Y and Z axes for machining on 2 faces of profile
- Y and Z axes for machining on 3 faces of profile
- C axis
- D axis

075	100	150
7945 mm	10445 mm	15445 mm
7945 mm	10445 mm	15445 mm
7605 mm	10105 mm	15105 mm
580 mm x 400 mm		
580 mm x 400 mm		
-10° ; +360°		
-10° ; +180°		

DYNAMIC PERFORMANCE

- X axis speed
- C/D axis reversing control

A horizontal dashed line represents a number line. Three green circles are placed on the line. The middle circle is labeled "85 m/min".

PROFILE POSITIONING AND LOCKING

- Vices with controlled and independent positioning
- Vices X RAISE (FOM INDUSTRIE PATENT)
- Max number of vices
- Automatically reclining stops
- Central stops
- XPAL
- 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

Three vertical number lines are shown, each with a green checkmark next to the final sum.

- Line 1: Starts at 8, goes up to 16. The sum 16 is marked with a green checkmark.
- Line 2: Starts at 8, goes up to 12. The sum 12 is marked with a green checkmark.
- Line 3: Starts at 8, goes up to 12. The sum 12 is marked with a green checkmark.

LUBRICATION OF MECHANICAL COMPONENTS

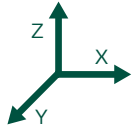
- Automatic lubrication of straight guide blocks and recirculating ball screw lead screws



FMC SERIE SEI

✓ = standard

○ = optional



TECHNICAL FEATURES

ELECTROSPINDLE

- Electrospindle 22 kW 24.000 rpm
- Rigid tapping
- Cooling
- Tool collet
- Rated torque
- Temperature probe

075

100

150

✓
✓

✓
✓

✓
✓

Liquid with refrigerator unit

HSK E63

20 Nm

○

○

○

TOOL MAGAZINE

- Automatic 32 location chain type tool magazine
- Maximum tool length in the magazine
- Maximum mill diameter in dedicated magazine
- Device to measure tool length
- Dedicated blade magazine
- Maximum blade diameter in dedicated magazine

✓

✓

✓

240 mm

230 mm

○

○

○

✓

✓

✓

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
- FST Cam 4
- LOLA ready
- Wireless button pad

✓

✓

✓

○

○

○

✓

✓

✓

✓

✓

✓

○

○

○

FMC 6 X2

ADDITIONAL CUTTING UNIT

- 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

075

100

150

✓

✓

✓

✓

✓

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