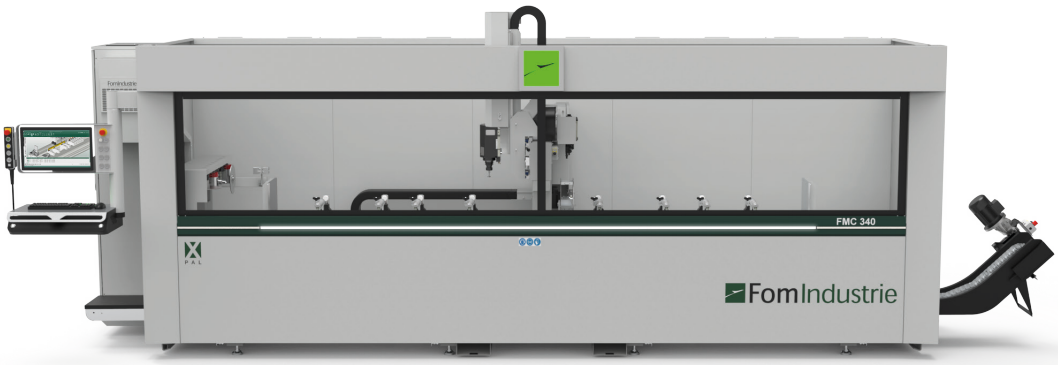
FMC SERIE TRE



✓ = standard O = optional ✕ = not available

Z X Y

TECHNICAL FEATURES

WORKING AREAS	FMC 340	FMC 370
• X axis top face only	4157 mm	7158 mm
• X axis top face + ends	4000 mm	7000 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		
• Axis X speed	100 m/min	

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	O	
• Extra clamping vices	O	
• Fixed and automatically reclining stop	LH ✓ - RH O	
• Automatic vice pressure adjustment	O	
• Multi-piece machining	O	
• Multi-piece pendular machining	✕	O
• Device to measure profile length	O	
• X-PAL **FOM PATENT**	O	

ELECTROSPINDLE		
• Electrospindle 7 kW 20.000 rpm	✓	
• Rigid tapping (max M16 depth on aluminium and max M10 depth on steel)	O	
• Cooling	Liquid	
• Tool collet	HSK - F63	

LUBRICATION OF MECHANICAL COMPONENTS		
• Automatic lubrication of straight guide blocks and recirculating ball screw lead screws	O	

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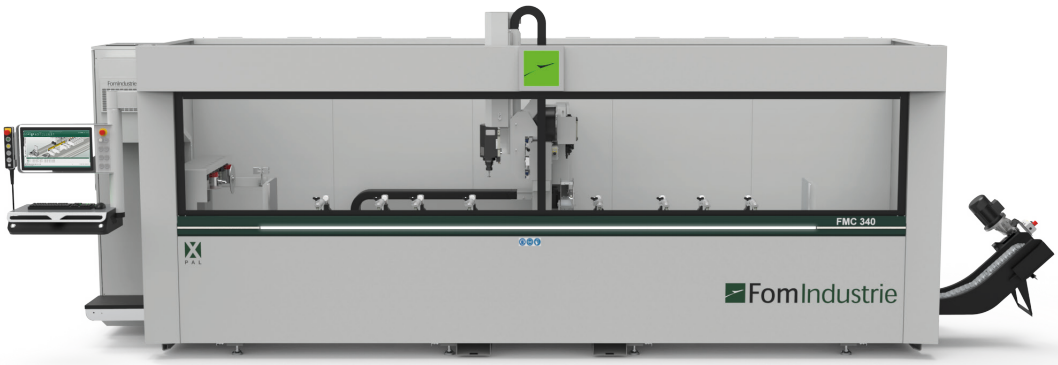
FMC SERIE TRE



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Z X Y

TECHNICAL FEATURES

TOOL MAGAZINE	FMC 340	FMC 370
• 8-Position tool magazine fixed	✓	✕
• 9 location tool magazine on board the carriage (as an alternative to the standard magazine)	O	✓
• Device to measure tool length	O	

TOOL LUBRICATION		
• Minimum quantity lubrication	✓	
• Lubrocooling with minimum use of water-oil + dedicated tank	O	
• X-FLOW (automatic orientation of lubrication nozzles) **FOM PATENT**	O	1✓ 1O

CONTROL AND SOFTWARE		
• 24" screen	✓	
• Luminous FOM Logo indicating machine status	✓	
• Lola ready	✓	
• Wireless bar-code reader	O	
• FST Cam 4	✓	

FomIndustrie
Aluminium Working Machinery
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