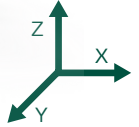
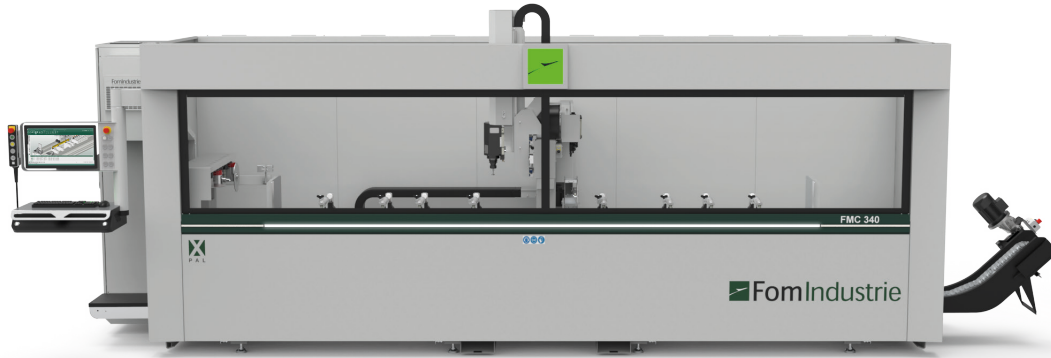


# SERIE 3



✓ = standard    ○ = optional

## TECHNICAL FEATURES

### WORKING AREAS

- X axis top face only
- X axis top face + ends
- Y and Z axes for machining on 3 or 2 faces of profile
- Y and Z axes for machining on 2 faces of profile + extra clamping vices
- Y and Z axes for machining on 2 faces of profile, extra clamping vices and lowered pads
- A axis

### FMC 340

4160 mm  
4000 mm

### FMC 370

7158 mm  
7000 mm

180x270 mm

250x270 mm

300x270 mm

-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
- Max number of vices
- Transformation of standard vices to vices with independent positioning
- Extra clamping vices
- Fixed and automatically reclining stop
- Automatic vice pressure adjustment
- Multi-piece pendular machining
- Device to measure profile length
- X-PAL **FOM PATENT**

8                      4                      10

○  
○  
1 ✓ 1 ○  
○  
○  
○  
○

### ELECTROSPINDLE

- Electrospindle 7 kW 20.000 rpm
- Rigid tapping (max M16 depth on aluminium and max M10 depth on steel)
- Cooling
- Tool collet

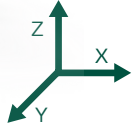
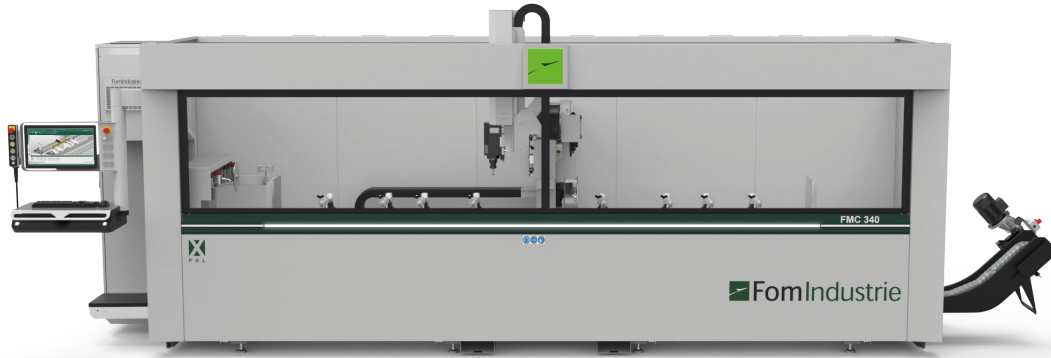
✓  
○  
Liquid  
HSK - F63

### LUBRICATION OF MECHANICAL COMPONENTS

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

○

# SERIE 3



✓ = standard    ○ = optional

## TECHNICAL FEATURES

### TOOL MAGAZINE

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

#### FMC 340

✓

○

#### FMC 370

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✓

○

### TOOL LUBRICATION

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

○

✓

○

1 ✓

### CONTROL AND SOFTWARE

- 24" screen
- Luminous FOM Logo indicating machine status
- Lola ready
- Wireless bar-code reader
- FST Cam 4

✓

✓

✓

○

✓