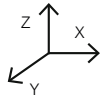


# FMC Serie 2

CNC Machining Centre with 4 controlled axes



✓ = standard

○ = optional

## Technical specifications

### Working areas

|                                                                         |                         |
|-------------------------------------------------------------------------|-------------------------|
| X axis top face only                                                    | 3 280 mm                |
| X axis top face + ends                                                  | 3 200 mm                |
| Y and Z axes for machining on 3 or 2 faces of profile                   | 160x210 mm o 190x210 mm |
| Y and Z axes for machining on 2 faces of profile + extra clamping vices | 250x210 mm              |
| A axis                                                                  | -15°; +195°             |

### Dynamic performance

|              |           |
|--------------|-----------|
| X axis 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       |
| Fixed and automatically reclining stop                                                         | 1 ✓ 1 ○ |
| Automatic vice pressure adjustment                                                             | ○       |
| Device to measure profile length                                                               | ○       |
| X-Pal <b>Fom PATENT</b>                                                                        | ○       |

### Electrospindle

|                                                                       |       |
|-----------------------------------------------------------------------|-------|
| Electrospindle 5 kW 20 000 rpm                                        | ✓     |
| Rigid tapping (max M14 depth on aluminium and max M10 depth on steel) | ○     |
| Cooling                                                               | Air   |
| Tool collet                                                           | ISO30 |



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. 03

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## Technical specifications

### Lubrication of mechanical components

|                                          |   |
|------------------------------------------|---|
| Centralised automatic lubrication system | ○ |
|------------------------------------------|---|

### Tool magazine

|                                             |   |
|---------------------------------------------|---|
| 10-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             | ○ |
| X-Flow (automatic orientation of lubrication nozzles) <b>Fom PATENT</b> | ○ |

### Control and software

|                                             |   |
|---------------------------------------------|---|
| 24" screen                                  | ✓ |
| Luminous Fom Logo indicating machine status | ✓ |
| Wireless bar-code reader                    | ○ |
| FSTCam4                                     | ✓ |
| IoT ready                                   | ✓ |

