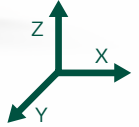


# FMC 445



✓ = standard    ○ = optional

## TECHNICAL FEATURES

### WORKING AREA

- X-axis: top face only
- X-axis: top face + ends
- Y and Z axes: machining on 2 faces of profile with lowered vice pads
- Y and Z axes: machining on 3 faces of profile
- C / D axis

4260 mm

4100 mm

300x270 mm

300x270 mm

370° / 190°

### DYNAMIC PERFORMANCE

- X-axis speed

100 m/min

### PROFILE POSITIONING AND LOCKING

- Vices with independent positioning along the X-axis (longitudinal)
- Max number of vices
- Pair of vices with independent positioning
- Automatically reclining fixed stop
- Automatic clamping pressure adjustment
- Multipiece machining
- Pendular machining
- Multipiece pendular machining
- Oversized machining
- Profile length measurement device and workpiece position reading
- LED bar with timer function and visual assistance for piece positioning

4

8

○

2 ✓

✓

✓

○

○

○

✓

✓

✓

### ELECTROSPINDLE

- Electrospindle 7 kW 20000 rpm
- Electrospindle 11 kW 20000 rpm
- Rigid tapping (max M16 depth on aluminium and max M10 depth on steel)
- Cooling
- Tool collet

✓

○

○

○

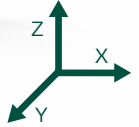
Liquid

HSK - F63

# FMC 445



✓ = standard    ○ = optional



## TECHNICAL FEATURES

### LUBRICATION OF MECHANICAL COMPONENTS

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



### TOOL MAGAZINE

- 12+1-Position tool magazine mounted on the head
- Maximum blade diameter in dedicated magazine
- Device to measure tool length
- Maximum tool length in the magazine



300 mm



200 mm

### TOOL LUBRICATION

- Minimum quantity lubrication
- Lubrocooling with use of water-oil + dedicated tank
- Additional Flowdrill lubrication system
- 5 nozzles integrated into the head



### CONTROL AND SOFTWARE

- 24" screen
- Luminous FOM logo indicating the machine status
- LOLA ready
- Wireless bar-code reader
- FST Cam 4

