

CONVENTIONAL MILLING MACHINES

Series FCD

HIGHLIGHTS

- Precision tool milling machine
- Main spindle + stepless with 2 shift
- Stepless axis drive
- 3-axis digital readout
- Horizontal spindle
- Manual angular table
- Horizontal and vertical milling device
- Horizontal table removable for vertical machining



TECHNICAL DATA AT A GLANCE

Machine type	 mm	 mm	 min ⁻¹	 kg	 kW
FCD 400	405x305x400	890x225	40 - 2.000	1.450	3,7
FCD 500	500x400x400	890x225	40 - 2.000	1.550	3,7
FCD 600	600x450x450	890x225	40 - 2.000	1.750	5,5

Further information on the machine series and numerous accessories can be found on our website:
<https://www.wagner-maschinen.de/en/milling/conventional-milling-machines>

UNIVERSAL TOOL MILLING MACHINE FCD 400/500/600

FCD 400 with 3-axis digital display with swivelling arm **Order no.: 610310**

FCD 500 with 3-axis digital display with swivelling arm **Order no.: 610311**

FCD 600 with 3-axis digital display with swivelling arm **Order no.: 610312**



ALL HIGHLIGHTS AT A GLANCE

- Spindle motor with reduction gear and frequency converter
- Infinitely variable feeds with servo
- Ball screw in all axes
- Horizontal spindle
- Vertical milling head with quill
- Table enclosure
- Fixed angled table with T-slots
- Chip collection tray
- 3-axis digital display

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TECHNICAL DATA

- Table load, kg 160/200/300
- Fixed angled table, mm 750x320/800x400/850x450
- Number of T-slots 5/6/7
- T-slot width, mm 63
- Vertical table clamping surface, mm 890x225
- Longitudinal travel: autom./mm 405/500/600
- Transverse travel: autom./mm 305/400/450
- Vertical travel autom./mm 400/400/450
- Vertical spindle holder DIN 2080 ISO 40
- Vertical spindle Number/speed, min⁻¹ 40-2.000 stepless
- Manual quill stroke, mm 60/60/80
- Swivelling range of the milling head +/- 90°
- Horizontal spindle DIN 2080 ISO 40
- Horizontal spindle: 2 shift/speeds, min⁻¹ 40-2.000
- Feed rates in X-Y-Z axis/humber, mm 10-1.000
- Rapid traverse X and Z axis, mm/m 1.200
- Spindle motor, kW 3,7/3,7/5,5
- Dimensions, mm 1.500x1.700x1.800/1.600x1.800x2.000
- Weight, kg 1.450/1.550/1.750

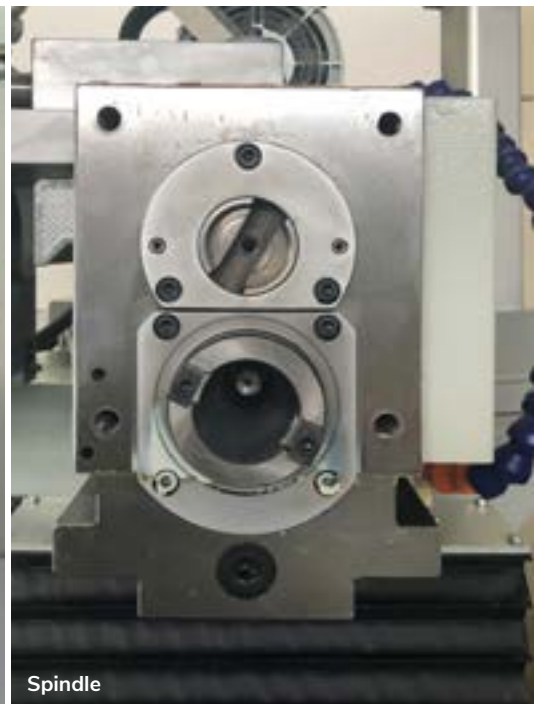
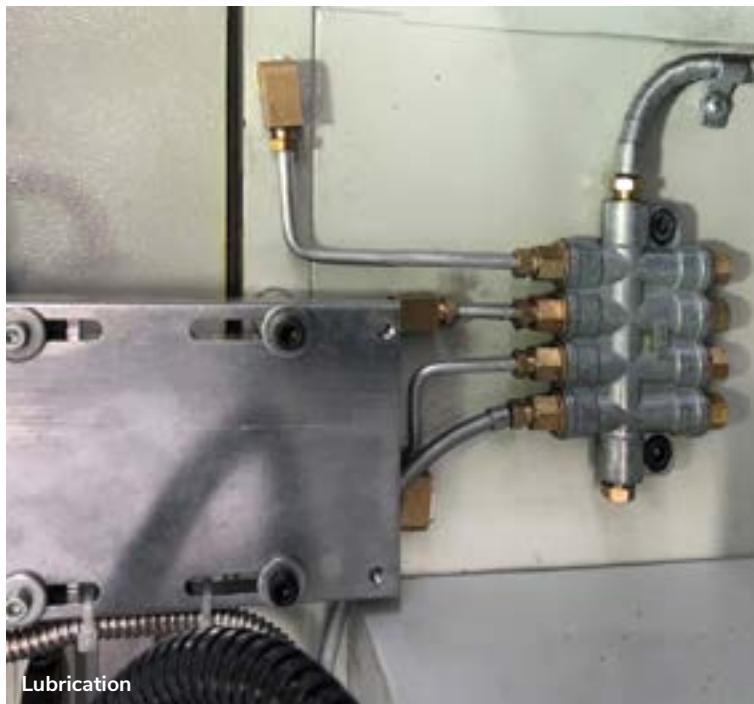
STANDARD EQUIPMENT

- Complete electrical equipment 400V./50 Hz.
- Ball screw in all 3 axes
- Spindle speed in 2 ranges
- Fixed angle table
- Swivelling vertical milling head with quill
- Feed motor with rapid traverse
- Electronic handwheels
- Table enclosure
- Complete coolant system
- Flat guides in all 3 axes
- Horizontal milling unit consisting of upper arm and counter support for 48x50 mm liner
- Chip collecting tray
- Mounting cone with 8 clamping cartridges, Diameter: 2, 3, 4 ,5, 6, 8, 10, 12 mm
- 3-axis digital readout with swivelling arm
- Telescopic covers for transverse and vertical vertical guide at the bottom
- 4 machine feet
- Documentation and operating tool
- CE standard

SPECIAL EQUIPMENT

- Universal angled table, rotatable, tiltable and swivelling
- Rotary table 320 mm diam.
- Milling cutter chuck ISO40/M16 to DIN2080

DETAIL PICTURES



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We reserve the right to make design changes in the course of technical improvements. Illustrations, dimensions and weights are not binding.