

FCD 400 / 500 / 600 Universal tool milling machine

with 3-axis digital display with swivel arm order no. : 610310

with 3-axis digital display with swivel arm order no. : 610311

with 3-axis digital display with swivel arm order Nr.: 610312

Selected material quality, careful production and strict acceptance controls guarantee trouble-free use. The machines are equipped as standard with a vertical milling head and a 3-axis digital display.

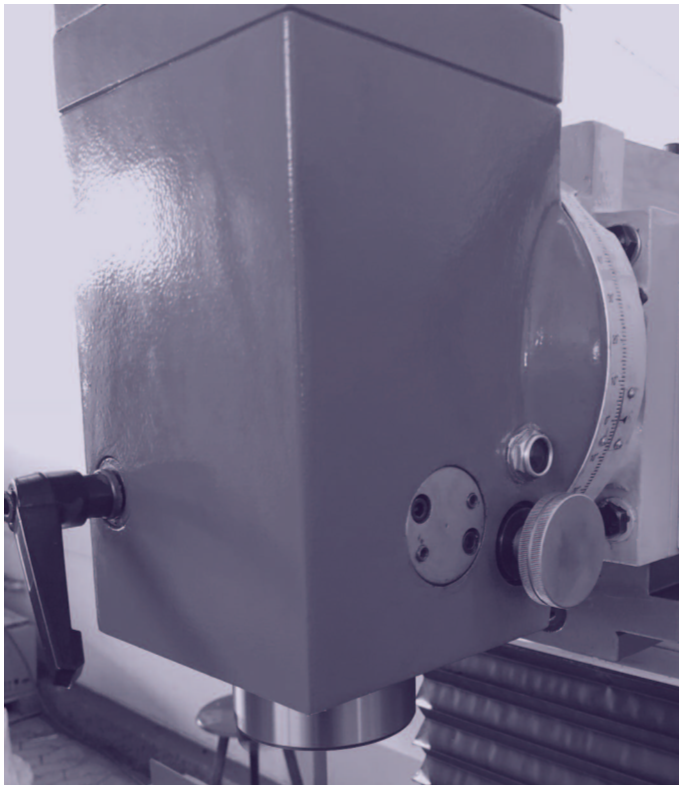


Technical specifications

Table load, kg	160/200/300	Quill stroke manual, mm	60/ 60 / 80
Fixed angle table, mm	750x320/800x400/850x450	Swivel range of the milling head	+/-90 Grad
Number of T-slots	5 / 6 / 7	Horizontal spindle mount DIN 2080	ISO 40
T-slot width, mm	63	Horiz. Spindle: number / speeds,min-1	40-2000
Vertical table surface area, mm	890x225	Feeds in X-Y-Z-axis / number, mm	10-1000
Longitudinal travel: autom./mm	405 / 500 / 600	Rapid traverse X and Z axes, mm / m in	1200
Traverse path across: autom./mm	305 / 400 / 450	Spindle motor, kW	3,7/ 3,7/ 5,5
Vertical travel autom./mm	400/ 400/ 450	Dimensions, mm	1500x1700x1800/ 1500x1700x1800/ 1600x1800x2000
Vertical spindle mount DIN 2080	ISO 40	weight, kg	1450/1550/ 1750
Vertical spindle number / speed, min-1	40-2000 stepless		

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



Vertical head



Control panel

Standard equipment

- Complete electrical equipment 400 V./50Hz
- Ball screw in all three axes
- Spindle speed in 2 ranges
- Fixed angle table
- Swiveling vertical milling head with extendable quill
- Feed via servomotor
- Rapid traverse
- Electronic handwheels
- Table housing
- Complete coolant system
- Flat guides in all 3 axes
- Horizontal milling device consisting of upper arm and counter holder for barrel 48 x 50 mm
- Chip collecting tray
- Mounting cone with 8 clamping cartridges, diameter: 2,3,4,5,6,8,10,12mm
- 3-axis digital display with swivel arm
- Bellows covers for transverse and vertical guidance below
- 4 pieces of machine shoes
- Documentation and operating tools
- CE standard

Special accessories

- Universal angle table, rotatable, tiltable and swiveling
- Rotary table 320 mm dia.
- Milling chuck ISO40 / M16 according to DIN2080