



TTF CNC SERIES

SLOTING MACHINE WITH
ROD-CRANK SYSTEM

1-3 CONTROLLED AXES



CABE



FUNCTIONAL AND FLEXIBLE

A modern and technological range, characterized by various models with different strokes of the tools and numbers of the controlled axes.

Every model is available with rectangular or swivel table and 1,2 or 3 controlled axes.

The FANUC 0i-MF control with intuitive graphical and customized interface allows the programming of gradual incremental feeds.

CHARACTERISTICS

- Monolithic structure made of cast iron to ensure precision cutting with vibration absorption during machining.
- Universal tool holder "V" shape.
- Automatic disconnection of the tool during ascent phase.
- Minimal lubrication system of the tools (entire oil available on demand)
- Tilting head +/- 20°
- The main slide slide is driven by a self-braking three-phase asynchronous motor.
- The controlled axes are moved by brushless motors and managed directly by the control.
- The main screw is a preloaded recirculating ballscrew.
- FANUC controls.
- Practical and removable chip collection tank, located below the table.
- Work area illuminated and protected by safety guards with block microswitch.
- Head characterized by linear guides.
- Sliding guides rectified and lubricated with automatic pump, managed by the control.
- CE certification

OPTIONS

- Tool holder with high repeatability that guarantees that the tools are always at the centre of the hole; designed for Cabe Tools.
- Displaying of the manual axes.
- Displaying of the manual swivel-table.
- Tower lamp signalling the machine status.
- Automatic chip conveyor.
- Hand wheel for manual movement.

TTF1 CNC - TTF2 CNC - TTF3 CNC with manual or controlled swivel table

		250	350	450 P	520 P
TTF1 CNC: 1 CONTROLLED AXIS (Y) TTF2 CNC: 2 CONTROLLED AXES (XY - YC) TTF3 CNC: 3 CONTROLLED AXES (XYC)	DIMENSIONS	Y - XY - YC - XYC	Y - XY - YC - XYC	Y - XY - YC - XYC	Y - XY - YC - XYC
Settable stroke of tool [mm]	A	0-250	0-350	0-450	0-520
Adjustable distance between Ram & Table [mm]	B	155	260	370	550
Distance between tool-holder & column [mm]	C	410	470	550	550
Space between head & swivel table [mm] Y - XY	D	335	420	610	810
Space between head & swivel table [mm] YC - XYC		295	420	610	810
Center table hole diameter [mm]		Ø350	Ø500	Ø600	Ø600
Table central hole [mm]	E	Ø80	Ø100	Ø110	Ø110
Strokes of the table [mm]	Cx x Cy	310x270	410x320	580x460 Y-YC 550x460 XY - XYC	580x460 Y-YC 550x460 XY -XYC
Motor/brake power [kW]		3	5,5	7,5	11
Adjustment of the number of strokes [strokes/min.]		10-90	5-60	5-55	5-55
Max workpiece length for machining [mm]		Ø60x700	Ø95x1200	Ø110x1350	Ø110x1550
Approx net weight. [Kg]		1300	2200	3200	3600
Machine dimensions LxPxH [mm]		1500x2000x2100	2000x2050x2620	2500x2400x3249	2500x2400x3662



*To allow further stability, the "Power" ("P") models are characterized by an even more massive structure.

TTF1 CNC - TTF2 CNC with rectangular table

		250	350	450 P	520 P
TTF1 CNC: 1 CONTROLLED AXIS (Y) TTF2 CNC: 2 CONTROLLED AXES (XY)	DIMENSIONS	Y - XY	Y - XY	Y - XY	Y - XY
Settable stroke of tool [mm]	A	0-250	0-350	0-450	0-520
Adjustable distance between slide and table [mm]	B	155	260	370	550
Distance between tool-holder & column [mm]	C	410	470	550	550
Distance between underhead / rec. table [mm]	D	390	470	670	870
Size of rectangular partholder table XxY [mm]		300x450	500x700	500x1000	500x1000
Table central hole [mm]	E	Ø80	Ø100	Ø110	Ø110
Strokes of the table [mm]	Cx x Cy	310x270	410x320	580x460 Y 550x460 XY	580x460 Y 550x460 XY
Motor/brake power [kW]		3	5,5	7,5	11
Adjustment of the number of strokes [strokes/min.]		10-90	5-60	5-55	5-55
Max workpiece length for machining [mm]		Ø60x700	Ø95x1200	Ø100x1350	Ø100x1550
Approx net weight. [Kg]		1300	2200	3200	3600
Machine dimensions LxPxH [mm]		1500x2000x2100	2000x2050x2620	2500x2400x3249	2500x2400x3662

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