

# ST2 CNC & ST3 CNC

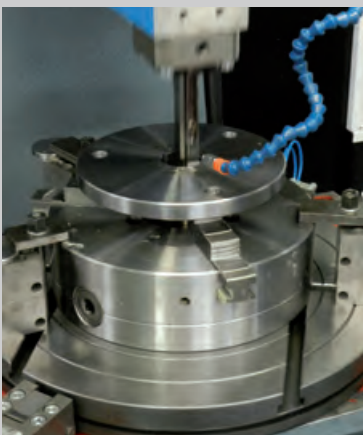
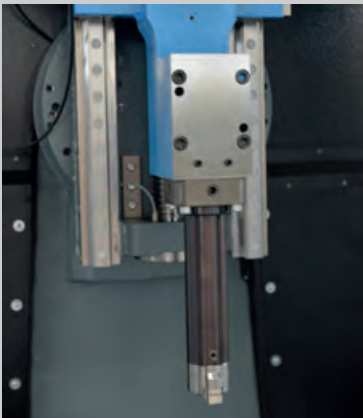
SLOTING MACHINES WITH CONTROLLED MOVEMENT OF 2 AND 3 AXES



## EXCELLENT AND UNIQUE

A modern and technological range, characterized by various models with different stroke of the tool and numbers of the controlled axes. Comes as standard with the innovative tool-holder block with high repeatability thanks to which the tools are always positioned at the centre of the hole. The FANUC Oi-MF control with intuitive graphical and customized interface allows the programming of gradual incremental feeds.

Monolithic structure made of cast iron to ensure precision cutting with vibration absorption during machining.



## CHARACTERISTICS

- FANUC control, Oi-MF touch screen 10.4" model.
- Controlled swivel pieceholder table (C axis).
- Automatic disconnection of the tool during ascent phase.
- Minimal tool cooling system (alternatively, neat oil on request).
- Models with manual swivel table: divider disk.
- The controlled axes are driven by brushless motors and managed directly by the control; the movement of the controlled axes in manual mode is ensured by a remote control handwheel.
- Preloaded rectified command ball recirculation screws.
- The linear axes slide on recirculating roller guides to ensure dynamicity and precision of the movements, preloaded with centralized forced lubrication.
- Tool holder with high repeatability, patented Cabe: with this system the tools are always at the centre of the hole. Functions only with the line of Cabe tools.
- Practical and removable chip collection tank, located below the table.

- Safety around the illuminated work area is guaranteed by practical guards (2 doors) that at the same time facilitate the positioning of the pieces and prevent accidents.
- Service keys and user manual supplied.

## OPTIONALS

- "V" universal tool-holder block.
- Tower signalling machine status.
- "Fine" adjustment of the tilting head with handwheel.
- Pneumatic air blow kit for cleaning blind holes.
- Visualisation on display of the manual axes.
- Automatic chip conveyor: if present, the maximum workpiece length for machining is reduced.

## ST2 CNC

CHARACTERISTICS	DIMENSIONS	410	610
		ZY	ZY
Settable stroke of tool [mm]	A	0-575 according to Ø piece	0-820 according to Ø piece
Distance between tool holder and column [mm]	C	470	550
Center table hole diameter [mm]	E	Ø 100	Ø 110
Strokes of the table [mm]	C <sub>x</sub> X C <sub>y</sub>	410x320	550x460
Motor / brake power [kW]		6.5	9.9
Adjustable work speed [mm/min.]		0-15.000	0-15.000
Maximum workpiece length for machining [mm]		Ø 95x1200	Ø 100x1500
Power supply		400V-50Hz-3phase	400V-50Hz-3phase
Approx. net weight [Kg]		2400	5000
Machine dimensions LxWxH [mm]		2000x2050x2620	2840x2650x3504
<b>With rectangular table</b>			
Distance underhead/rectangular table [mm]	D	470	670
Size of rectangular partholder table [mm]		710x495	710x660
<b>With swivel table</b>			
Distance underhead/swivel table [mm]	D	420	620
Diameter of swivel table [mm]		Ø 500	Ø 600

## ST3 CNC

CHARACTERISTICS	DIMENSIONS	410		610	
		ZYX rectangular or man. swivel table	ZYC swivel table	ZYX rectangular or man. swivel table	ZYC swivel table
Settable stroke of tool [mm]	A	0-575 according to Ø piece	0-575 according to Ø piece	0-820 according to Ø piece	0-820 according to Ø piece
Distance between tool holder and column [mm]	C	470	470	550	550
Center table hole diameter [mm]	E	Ø 100	Ø 100	Ø 110	Ø 110
Strokes of the table [mm]	C <sub>x</sub> X C <sub>y</sub>	410x320	410x320	550x460	550x460
Motor / brake power [kW]		6.5	6.5	9.9	9.9
Adjustable work speed [mm/min.]		0-15.000	0-15.000	0-15.000	0-15.000
Maximum workpiece length for machining [mm]		Ø 95x1200	Ø 95x1200	Ø 100x1500	Ø 100x1500
Power supply		400V-50Hz-3phase	400V-50Hz-3phase	400V-50Hz-3phase	400V-50Hz-3phase
Approx. net weight [Kg]		2400	2400	5000	5000
Machine dimensions LxWxH [mm]		2000x2050x2620	2000x2050x2620	2840x2650x3504	2840x2650x3504
<b>With rectangular table</b>					
Distance underhead/rectangular table [mm]	D	470	-	670	-
Size of rectangular partholder table [mm]		710x495	-	710x660	-
<b>With swivel table</b>					
Distance underhead/swivel table [mm]	D	420	420	620	620
Diameter of swivel table [mm]		Ø 500	Ø 500	Ø 600	Ø 600

For the machining capacity please refer to graphics on page 15.

