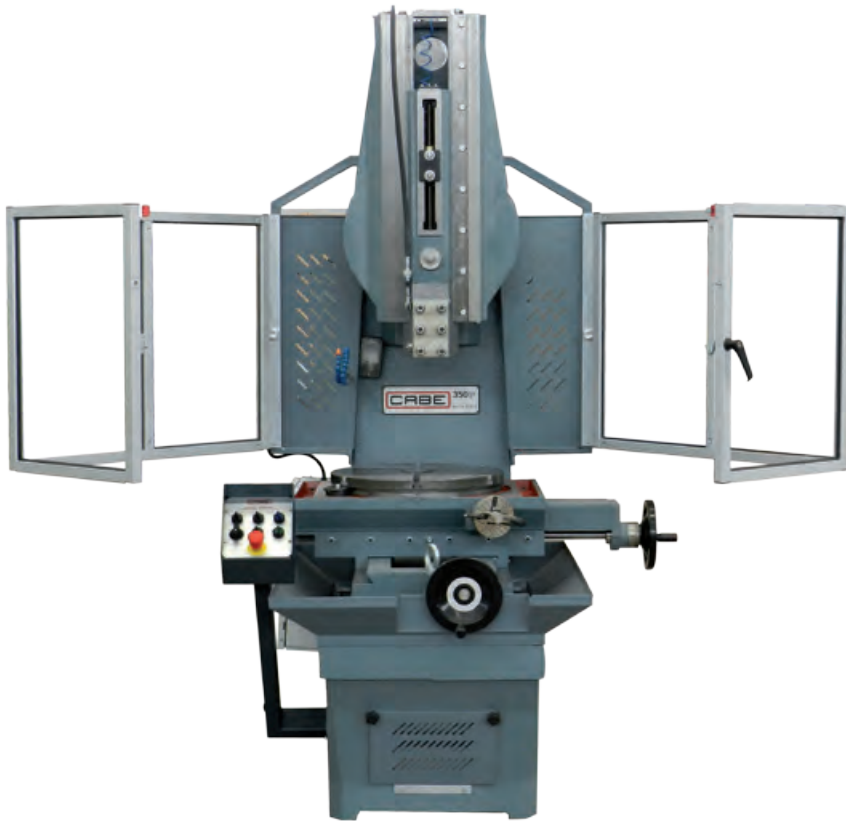


ST MANUAL

SLOTING MACHINES WITH MANUAL AXES MOVEMENT



HISTORICAL AND RELIABLE

The guarantee of a historic machine. A wide range of models, five different for tool stroke from 250 to 520 mm. Each model is available with two types of pieceholder tables: rectangular or swivel table with divider disk.

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



CHARACTERISTICS

- "V" universal tool holder block.
- Automatic disconnection of the tool during ascent phase.
- Swivel table with divider disk.
- Electric pump and refrigeration system of tool.
- Right/left head tilt of approximately 20°.
- Drive motor of the self-braking type slide.
- Slide adjusted with:
 - Manual gearbox (model 250);
 - Manual gearbox with electric speed control (model 350);
 - Inverter (models 380 P - 520 P).
- Slide guides of the axes adjusted and lubricated with automatic electric pump.
- Work area illuminated and protected by clear polycarbonate guard with block microswitch.
- Service keys and user manual supplied.



OPTIONALS

- Visualisation on display of Y longitudinal Axis.
- Visualisation on display of X transversal Axis.
- Visualisation on display of manual swivel table (if provided).



MANUAL ST WITH RECTANGULAR TABLE

CHARACTERISTICS	DIMENSIONS	MODEL				
		ST 250	ST 350	ST 380 P	ST 450 P	ST 520 P
Adjustable stroke of tool [mm]	A	0-250	0-350	0-380	0-450	0-520
Adjusting distance between slide and table [mm]	B	155	260	370	370	550
Distance between tool holder and column [mm]	C	410	470	550	550	550
Distance underhead/rectangular table [mm]	D	390	470	520	670	870
Size of partholder table XxY [mm]		300x450	500x700	500x1000	500x1000	500x1000
Centre table hole diameter [mm]	E	Ø80	Ø100	Ø110	Ø110	Ø110
Strokes of the table in manual [mm]	$C_x \times C_y$	310x350	520x450	600x600	600x600	600x600
Motor / brake power [kW]		1.8	3 / 2.2	5.5	7.5	11
Adjustment of the number of strokes [strokes/min.]		30-58-86	18/29-36/56-53/84	5-55	5-55	5-55
Maximum workpiece length for machining [mm]		Ø60x700	Ø95x1200	Ø100x1200	Ø100x1350	Ø100x1550
Approx. net weight [Kg]		1250	2000	2600	2800	3100
Machine dimensions LxWxH [mm]		1130x1550x1950	1300x1800x2500	1800x2200x2800	1800x2200x3200	1800x2200x3500

MANUAL ST WITH SWIVEL TABLE

CHARACTERISTICS	DIMENSIONS	MODEL				
		ST 250	ST 350	ST 380 P	ST 450 P	ST 520 P
Adjustable stroke of tool [mm]	A	0-250	0-350	0-380	0-450	0-520
Adjusting distance between slide and table [mm]	B	155	260	370	370	550
Distance between tool holder and column [mm]	C	410	470	550	550	550
Distance underhead / Swivel table [mm]	D	335	420	460	610	810
Diameter of swivel table [mm]		Ø350	Ø500	Ø600	Ø600	Ø600
Centre table hole diameter [mm]	E	Ø80	Ø100	Ø110	Ø110	Ø110
Strokes of the table in manual [mm]	$C_x \times C_y$	310x350	520x450	600x600	600x600	600x600
Motor / brake power [kW]		1.8	3 / 2.2	5.5	7.5	11
Adjustment of the number of strokes [strokes/min.]		30-58-86	18/29-36/56-53/84	5-55	5-55	5-55
Maximum workpiece length for machining [mm]		Ø60x700	Ø95x1200	Ø100x1200	Ø100x1350	Ø100x1550
Approx. net weight [Kg]		1250	2000	2600	2800	3100
Machine dimensions LxWxH [mm]		1130x1550x1950	1300x1800x2500	1800x2200x2800	1800x2200x3200	1800x2200x3500

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

