



TecnoMax ST4 elite

Saw-spindle moulder combined machine



Elite Serie: the Combined Machines for the professional woodworker. Technology, design, innovation and quality: 100% made in Italy. The Universal Combined Machines of the "Elite" Serie represent the TecnoMax solution for the handcrafts who are looking for a compact machine without renouncing a top quality end product. The rapid machining changeover, the possibility to compose the machine according to the one's requirement, and the same performance of the single-machining models are the main qualities which characterize this new range. The new saw unit is made of a strong cast-iron structure. It is tightly fixed under the table and can be tilted by means of two side supports (trunnions): these solutions grant sturdiness, rigidity and a perfect cutting result. Furthermore, on request, the unit can be equipped with scoring unit for an optimal cutting even on upgraded panels. The sliding table is made from extruded anodised aluminium with a closed, honeycomb structure. The carriage runs on an exclusive slideway system consisting of guides made from calibrated and hardened F550SX steel. The spindle moulder unit is designed to provide the maximum stability and rigidity under all working conditions. Top performance features include: a large-size, cast-iron moulder spindle; a large distance (230 mm) between the two bearings on the moulder spindle; the possibility to mount tools at a minimum distance (5 mm) from the first bearing. The 4 standard speeds (3500, 6000, 8000, 10.000 rpm) are ideal for all types of machining operation, from moulding to routing against the grain. The Elite Serie combined machines are the ideal partner for the professional woodworkers who require a highly flexible production with the best finishing.

Technical features

Circular saw

saw-spindle moulder table dimensions	1250x430 mm
tilt of saw blade	90°- 45°
max. saw blade diam. with installed scoring unit	315 mm
max. saw blade projection at 90° from table with blade 315 mm diam.	103 mm
saw speed	4000 mm
scoring blade diameter*	100 mm
scoring blade speed*	9000 mm
scoring unit motor power*: 0,55kW 0,75Hp 50Hz	
standard squaring stroke	1800 mm
cutting width on rip fence	900 mm

Spindle moulder

max. spindle working height	125 mm
mechanical spindle moulder speeds (50 Hz)	3500-6000-8000-10000 rpm
max. dimensions of tool lowered under table	210x85 mm
max. tool diameter when tenoning	275 mm

Other technical specifications

motors: 3kW 4Hp 50Hz (3,6kW 4,8Hp 60Hz) trifase	
net weight basic machine	620 kg
max. overall dimensions	4750x7235 mm

- * = in option

Main options:

- Version with max. squaring stroke 2350/2700/3300 mm
- Belt driven scoring unit
- Scoring unit with independent motor (0,75Hp 0,55kW 50Hz)
- Idle roller on the squaring frame
- Additional table on the carriage
- Angular cutting device

- Pre-set angular cutting device directly positioned on squaring frame
- Overhead blade protection
- Cutting width with parallel fence 1270 mm
- Round sliding bar on saw fence for parallel cutting
- Round sliding bar on saw fence for parallel cutting with digital readout
- Spindle moulder fence with 3 controlled adjustments
- Anodized aluminium tables for spindle moulder fence
- Tenoning table and protection hood
- Tilttable spindle moulder 90°/45°
- Electric presetting and support device for feeder
- Reverse spindle rotation
- Interchangeable spindle
- Spindle moulder shaft with slot
- Wheels for machine movement
- Numerical readouts for the units positioning
- 2 three-phase motors 4kW 5,5Hp 50Hz (4,8kW 6,6Hp 60Hz)
- 2 three-phase motors 5,5kW 7,5Hp 50Hz (not available for 60 Hz voltages)
- 2 single-phase motors 1,8kW 2,5Hp 50Hz
- 2 single-phase motors 3,6Kw 4,8Hp 60Hz