TSM50 Spindle Moulder

NEW

The TSM50 spindle moulder is a sturdily built machine available with a high precision flush mounted sliding table.

The machine can be specified with a 5.5HP (4.0KW) 3 phase motor for industrial use or a 3.0HP (2.2KW) single phase motor for the serious home user.

- Cast iron, precision ground, table ensures maximum stability and durability.
- Three spindle speeds allow for a wide variety of different spindle tooling to be used on the machine. Small profiling tools up to large tenoning tools.
- Maximum tooling diameter above the table 240mm (300mm with optional tenoning hood). Maximum tooling diameter below the table 220mm.
- Large access panel at the front of the machine enables easy speed change.
- Free 114mm diameter multi profile cutter block in wooden box with every machine.
- Machine supplied as standard with flush mounted sliding table. Solid cast iron table available to special order. See picture below.
- Not suitable for running the Trend Modular Window System.
- Machine manufactured in Italy.

Technical Specification	TSM50 with Sliding Table
Motor Power	5.5HP (4.0KW) S1 (100%) or 3HP (2.2KW)
Table Dimensions	1000mm x 700mm
Sliding Table Dimensions	1000mm x 160mm
Vertical Spindle Stroke	140mm
Spindle Diameter	30mm (or 1 1/4")
Spindle Speeds (RPM)	2500/5000/8000
Maximum Useable Spindle Height	140mm
Maximum Tooling Diameter (with Std. Hood)	200mm
Maximum Tooling Diameter (with Tenon Hood)	300mm
Maximum Tooling Diameter Below Table	220mm
Table Height	910mm
Diameter of Dust Extraction Port in Hood	120mm
Diameter of Dust Extraction Port at base of Machine	80mm
Overall Dimensions (L x W x H)	1100mm x 900mm x 1200mm
Voltage	415V (3 phase) or 230V (1 phase)
Acoustic Power under work	98.3 dBw(A)
Net Weight	300kg
Version	**Product Ref.**
5.5HP(4.0KW), 3 Phase (30mm shaft)	TSM50/55/30
5.5HP(4.0KW), 3 Phase (1 1/4" shaft)	TSM50/55/1114
3.0HP(2.2KW), 1 Phase (30mm shaft)	TSM50/3/30
3.0HP(2.2KW), 1 Phase (1 1/4" shaft)	TSM50/3/114

Flush Mounted Sliding Table

Hard wearing aluminium alloy table runs on high precision bearings to ensure maximum durability. Allows safe machining of end grain work particularly tenoning.

Control Panel

Located on the right hand side of the machine for easy access to all relevant safety buttons and switches. Soft start (automatic star/delta), emergency stop, electrical brake and optional speed indication lights.

Access Panel

Large access panel allowing for easy change of belt speeds. All Trend spindle tooling has the required RPM laser etched on to the cutter block.