SPINDLE MOULDERS

Spindle Moulders

Fimal T 270 / T 270 C / T 270 L / T 270 CL

Spindle moulders in four versions, with a fixed spindle as standard and a tilting spindle as an option: 270 mm usable spindle length, spindle Ø 40 or Ø 50 mm, motorised spindle height adjustment, five speeds up to 10000 rpm, tenoning carriage on the C and CL versions.

MODEL T 270

270 mm	210 mm	10000 rpm	5.5 kW
USABLE SPINDLE LENGTH	SPINDLE TRAVEL	MAXIMUM SPEED	MAIN MOTOR



/ Application & Use

The Fimal T 270 series comprises spindle moulders in four versions: the T 270 base model with a 1200 x 780 mm worktable, the T 270 C with a tenoning carriage and an 1800 x 780 mm table, the T 270 L with a 2500 x 780 mm table, front table extension and front support bar, and the T 270 CL combining the tenoning carriage and the extended table. The spindle is fixed (non-tilting) as standard; a tilting spindle is available as an option. The worktable height is 900 mm.

The spindle has a usable length of 270 mm, a diameter of 40 or 50 mm at the customer's choice and a vertical travel of 210 mm, with motorised height adjustment; a tool height display is available as an option. It runs at 3000, 4500, 6000, 8000 or 10000 rpm, driven by a 5.5 kW main motor. Tools up to Ø 320 x 210 mm can be lowered below the table.

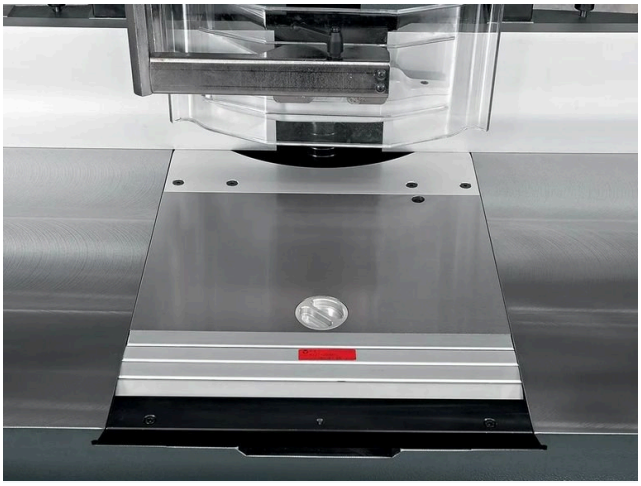
/ Key Features

- Worktable 1200, 1800 or 2500 x 780 mm, height 900 mm
- Usable spindle length 270 mm, vertical travel 210 mm
- Spindle Ø 40 or Ø 50 mm, at the customer's choice
- Speeds 3000 / 4500 / 6000 / 8000 / 10000 rpm
- Main motor 5.5 kW
- Tools up to Ø 320 x 210 mm lowered below the table
- C / CL: tenoning carriage 900 x 370 mm, travel 900 mm

/ Standard Equipment

- Motorised spindle height adjustment
- Mechanically adjustable fence with two position indicators and two locking levers (90° rotation)
- Anodised aluminium infeed and outfeed fence plates
- Motorised fence retraction (lifting and rotation, sensor-controlled)
- Sliding table section in front of the spindle, single-handle adjustment
- Control panel with membrane keys
- Guards for fence work, spindle work and tenoning

/ Machine Details



SLIDING TABLE SECTION IN FRONT OF THE SPINDLE



SPINDLE MOULDER FENCE WITH POSITION INDICATORS

/ Technical Data

Specification	T 270 / T 270 C / T 270 L / T 270 CL
Spindle configuration	**Non-tilting spindle**
Spindle diameter	**Ø 40 mm or Ø 50 mm, at the customer's choice**
Usable spindle length	**270 mm**
Vertical spindle travel	**210 mm**
Spindle tilt	**none (fixed spindle); optional: tilting spindle**
Spindle speed	**3000 / 4500 / 6000 / 8000 / 10000 rpm (5 steps); 900–10000 rpm with optional frequency inverter**
Maximum tool dimensions for lowering below the table (Ø x H)	**Ø 320 x 210 mm**
Main motor power	**5.5 kW; optional: higher-power motor**
Spindle height adjustment	**motorised; tool height display optional**
Fence	**mechanically adjustable, two position indicators; motorised retraction from the working area (lifting and rotation, sensor-controlled); two locking levers with 90° rotation; anodised aluminium infeed / outfeed plates**
Control	**control panel with membrane keys; optional: two- or three-axis electronic positioning, pendant control panel**
Power feeder	**optional: six-roller power feeder; feeder support available separately**
Noise emission	**83.9–87.3 dB(A) (LAeq, ISO 7960, moulding)**
Dust emission — declared value	**0.47 mg/m³ (DIN 33893)**

/ Versions

	T 270	T 270 C	T 270 L	T 270 CL
Worktable	**1200 x 780 mm**	**1800 x 780 mm**	**2500 x 780 mm**	**2500 x 780 mm**
Front table extension	**—**	**—**	**400 mm**	**400 mm**
Tenoning carriage	**—**	**900 x 370 mm**	**—**	**900 x 370 mm**
Carriage travel	**—**	**900 mm**	**—**	**900 mm**
Net weight	**550 kg**	**790 kg**	**730 kg**	**890 kg**

/ Options on Request

- Higher-power motor
- Tilting spindle
- Tool height display
- Automatic star-delta starting
- Variable spindle speed 900–10000 rpm via frequency inverter
- Two-cylinder pneumatic clamping device
- Two- or three-axis electronic positioning
- Six-roller power feeder; feeder support available separately
- Spindle rotation reversal
- Pendant control panel
- Glazing bead recovery unit

Data refer to the standard T 270 configuration. The supplied configuration and included options are defined in the quotation. Technical data may be updated without prior notice. Images are illustrative.

SUPPLIER

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