

tilting spindle shaper

minimax tw 55es

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*Photo may include optional equipment

Minimax TW 55ES

Tilting Spindle Shaper

The Minimax TW 55ES is the culmination of years of experience in manufacturing quality solid wood SCM products. This 4-speed heavy duty machine is standard with both a sliding table and tilt! The slider has hardened steel guide ways and precision bearings, so it incorporates the exact technology found in our top selling sliding table saws! The hood has memory pins so if removed, it will go right back into the same position, making this shaper accurate and repeatable.

SLIDING TABLE

The Minimax TW 55ES has a wide sliding table that rides on hardened steel guideways. The design is the same that we incorporate into our high end sliding table saws. The sliding table greatly increases the shaper's versatility, and makes tenoning operations as easy as can be. Raised panel doors are also facilitated on the sliding table shaper.



TILTING ARBOR SHAPER

The TW 55ES has a Tilting arbor shaper making this machine even more versatile over the long term. The shaper tilts backwards making it possible to use a powerfeeder more effectively while tilting.



LARGE SHAPER HOOD

The TW 55ES has a large shaper hood that has three controlled axis. The shaper hood has memory pins so that it easily goes right back to the same position if removed from the table. This makes changeover much quicker.



STANDARD EQUIPMENT

- Magnetic Automatic Star-Delta starter with overload protection
- Forward/ reverse-run switch
- 3-Phase 10Hp at 60hz
- 3-Axis memory fence with reference pins and digital-mechanical (NOT LED) readouts
- Tenoning Hood with Cast Iron Tenoning Table
- Interchangeable spindle, 1.25" standard
- Digital-mechanical readouts for spindle height and tilting angle (this is NOT LED digital)
- LED light of spindle rotation speed
- Magnetic spindle lock for tool changes
- Aluminum Sliding Table with precision ball-bearing guidance system and dovetailed hardened steel guideways
- Telescopic fence with stop, miter gauge, and eccentric workpiece clamp
- Tool set & manual

TECHNICAL SPECIFICATIONS

Spindle tilting range	90° to -45°
Capacity, under the nut, with interchangeable spindle	4"
Maximum spindle height above table	5"
Maximum tool diameter, profiling & under table	9"
Maximum tool diameter, tenoning:	12.375"
Sliding table stroke	51.25"
Sliding table dimensions	51.25" X 12"
Cast-iron table dimensions	47.25" X 23.75"
Table height	35"
Spindle speeds (RPM)	3500 / 6000 / 8000 / 10,000
Shipping Weight (lbs.)	1,350
Net Weight (lbs.)	1,150
Motor	3-phase 230 volt
Diameter of dust extraction outlet	120mm
Minimum required dust collection volume	600 cfm

	Minimax TW 55ES 3PH Spindle Moulder/Shaper With Sliding Table and Tilting/Inclining Spindle
R0.21.88	Minimax tw 55es Usa/Canada version
93.07.58	230 volt
93.12.15	Frequency 60Hz
58.10.03	Spindle moulder fence with 3 controlled adjustments max. tool Ø 240 mm
58.02.25	Tenoning table and protection hood max. tool Ø 275 mm
58.02.26	Tilttable spindle moulder 90° ÷ 45°
58.03.35	3-Phase 10Hp motor 60Hz
13.02.50	Interchangeable spindle
13.13.25	Spindle moulder shaft of 1 ¼"
21.13.19	Locking by countersunk socket screw
08.87.53	Triple wall

Specifications are subject to change