

Northtech NT-625M Commercial Series Shaper



OUTSTANDING FEATURES:

INTERCHANGEABLE SPINDLES: Choice of 3 spindle diameters- 3/4", 1", 1-1/4" or choice of metric sizes- 19mm, 25.4mm, 30mm. Spindle has MK5 taper to ensure precision fitting for the machines usable life, and guaranteed tolerance to 0.0008".

QUICK CHANGE SPINDLE SPEEDS: The spindle is driven by four-speed pulley for spindle speeds of 3000, 4500, 7500 and 10000 RPM. Change of speed is quickly and easily accomplished by simply loosening a lock lever, and shifting the belt to the required spindle speed.

REVERSIBLE SPINDLE ROTATION : The spindle is reversible to ensure safe rotation in clockwise or counter-clockwise direction as well as providing the ability of climb cutting panels.

SPINDLE RAISING: The spindle is raised or lowered by a precision graduated handwheel, providing 1mm elevation per full revolution of the handwheel. Quick clamp lever positively holds spindle at a set height for guarantee of repetition.

FOOT SPINDLE BRAKE: Treadle plate provides instant stop of the running spindle after power has been shut off.

TABLE INSERTS: The spindle is fitted with 2 insert rings (6-3/8" & 8-5/8") permitting for use of a wide variety of shaper cutters and spindle speeds.

FENCE: The fence assembly is attached with a 5" diameter outlet dust hood. The fence halves can be precision adjusted by micrometric adjustment knob with 0.008" graduation.

TABLE:

The massive table is made from high quality cast iron, rib reinforced, and temper heat treated for maximum strength and wear resistance. Table surface is precision ground by milling and polished to 0.006" guarantee.

ROUTING OPERATION:

The MK5 taper on the spindle accepts a router collet system, providing maximum flexibility all in one shaping and routing machine.

TILTING SPINDLE

The tilting spindle provides angle cutting from -5° ~ 90° ~ $+45^{\circ}$. Spindle tilting handwheel is located at front within easy reach. A tilt scale is attached for accurate angle setting.



SLIDING TABLE (MODELS LS-525MS, LS-525TS, LS-625MS AND LS-625TS ONLY) Sliding table model is an integrated system providing maximum accuracy and effortless cutting effects. Sliding table is integrated with (6) NSK #6004 eccentric roller bearings with accuracy to 0.002". Tenoning attachment is included as standard feature.



QUICK CHANGE SPINDLE SPEEDS

V-belt is quickly released for speed change by simply loosening one lock lever, and shifting the belt to required position.



FENCE

Cast aluminum alloy fence halves are precision machined. The fence assembly is attached with a 5" diameter outlet dust hood. The fence halves can be precision adjusted by micrometric adjustment knob with 0.008" graduation.



STANDARD EQUIPMENT:

- Magnetic switch with overload protection
- Reversing switch
- Choice of spindle size: Specify spindle diameter when ordering. (Optional spindles available)
- Spring hold downs: Vertical set of two pieces. Horizontal set of two pieces.
- 2 Table inserts-(6-3/8" & 8-5/8")
- Precision fence with 5" cast iron dust outlet
- Parts & Operations Books
- Service tool kit