

NT-735L

Northtech Commercial Shaper

OUTSTANDING FEATURES:

INTERCHANGEABLE SPINDLES:

Choice of 4 spindle diameters- 1", 1-1/4", 1-3/8", 1-1/2" or choice of metric sizes- 25mm, 30mm, 35mm, 40mm. Spindle has MK5 taper to ensure precision fitting and allow quick changeover of another spindle.

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 complete assembly.

FOOT SPINDLE LOCK: The spindle is foot treadle locked for convenient cutter and spindle change.

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

REVERSIBLE SPINDLE ROTATION: The spindle is reversible to ensure safe rotation in clockwise or counter-clockwise direction.

ROUTING OPERATION: Optional collets can be supplied to enable the shaper do a routing application. Provides excellent flexibility all in one shaping system.

TILTING SPINDLE: The tilting spindle provides angle cutting from -5° ~ 90° ~+45°. Spindle tilting handwheel is located at front within easy reach. A tilt scale is attached for accurate angle setting. A locking handle anchors spindle into fixed angled position.

SPINDLE RAISING: The spindle is raised or lowered by a graduated handwheel, providing 0.04" elevation per full revolution of the handwheel. Quick clamp lever positively holds spindle at a required setting.

TABLE INSERTS: The spindle is fitted with 5 insert rings permitting for use of a wide variety of shaper cutters. Maximum insert opening diameter is 13-1/4", allowing use of insert cutterheads.

FENCE: Precision machined fence provides the accuracy demanded in complex shaping applications. The fences are supported by a massive cast iron body and integrated with a 5" cast iron dust shroud.

TABLE: The massive table is made from high quality cast iron (FC-25 grade), rib reinforced, and temper heat treated for maximum strength and wear resistance. Table surface is precision ground by milling and polished to 0.05mm flatness.

