

**NORTHTECH™**  
Industrial Machinery

**NT-750**

**NT-555**

**ROUTER SERIES**



**IMPORTERS OF HIGH QUALITY INDUSTRIAL WOODWORKING MACHINERY**

# NT-750 PNEUMATIC ROUTER

## Features

- **PRECISION CONSTRUCTED SPINDLE ASSEMBLY:** The massive spindle is ground and balanced, and is mounted on super precision (GNP4 grade) ball bearings to assure high performance routing year after year. Close fit tolerance and careful assembly minimizes thermal expansion, resulting in less heat generation, low noise, and stable running in high speed routing.
- **3-POSITION DEPTH STOPS:** A square turret built inside the head provides three depths of spindle travel control. Stoppers are adjustable. The knurled knob under the head allows for convenient selection of depth.
- **SPINDLE TRAVEL:** Travel speed adjustment is made from the controller on the air cylinder. Maximum travel is 3 3/4". The spindle downfeed is driven by air cylinder, operated with a foot switch. Hydraulically controlled travel end speed provides smooth feed against the workpiece.
- **LUBRICATION:** Spindle assembly is fitted with grease nipples for spindle bearing lubrication. Spindle stroke way is automatically lubricated, eliminating the problems that can result from failure of lubrication.
- **RIGID TABLE:** The massive table is scientifically ribbed, precision ground, and is perfectly square to the spindle. Heavy trunnions permit 45 degree maximum tilt. Table surface is slotted for holding the guide fence accurately.
- **DRIVE BELT:** Top quality belt assures long service life. Belt tension is made with handwheel through a rack and gear mechanism giving positive belt tension and correct belt tracking.

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- **Throat clearance 29-1/2"**
- **Designed for heavy duty routing**
- **2 spindle speeds- 10,000/20,000 RPM**
- **5 HP motor**
- **Table tilts 45°**
- **Pneumatically operated spindle downfeed**

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### STANDARD EQUIPMENT:

- **COLLET-** Double taper type, 4 pieces, each size one- 1/2", 5/8". Metric sizes available- 6, 9, 12, 16mm.
- **GUIDE PINS-** 3 pieces, each one- 1/4", 3/8", 1/2". Metric sizes available- 6, 9, 12mm.
- **5 HP motor with magnetic switch**
- **DUST CLEANING GUN**
- **BRUSH RING**
- **FENCE**
- **DUST HOOD-** 3" diameter outlet.



UTER



1/4", 3/8",

sizes



### PRECISION ROUTER HEAD

- The spindle runs on super precision class GWP 4 ball bearings, making this machine excellent for heavy duty routing.
- 3 position depth stop is conveniently adjusted by turning a knob.
- A shock absorber is provided in the router head to prevent the router bit from bumping against the workpiece.



### PRECISION SPINDLE

- The router spindle is precision manufactured from Chrome Molybdenum alloy steel for rigidity and long service life, and dynamically balanced for smooth running at high speed.
- Designed and built to withstand maximum side thrust under heavy cutting load without deflection.

## Specifications:

MODEL	NT-750
Chuck to table top maximum	11" (280mm)
Throat clearance	29 1/2" (750mm)
Spindle speeds (2 speeds)	10,000 / 20,000 rpm
Spindle travel	3 3/4" (95mm)
Depth stops	3 Position turret stops, adjustable
Table travel	7 1/2" (190mm)
Table surface area	36" x 40" (915 x 1016mm)
Table tilt	Front downward to 45°
Micrometric table raise	3/64" (1mm) per revolution of handwheel
Collet sizes	1/4", 3/8", 1/2", 5/8" (6, 9, 12, 16mm)
Spindle drive motor	7 1/2HP standard (10HP optional)
Belt size	35 x 2330 mm
Net weight	650 kgs (1430 lbs)
Gross weight	750 kgs (1650 lbs)
Packing dimensions	66"(L) x 44"(W) x 72"(H)

\*Specifications subject to change without notice.