

NORTHTECH

Machine, LLC

NT-770-HSK / NT-880-HSK Spindle Shaper



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NT-770-HSK / NT-880-HSK Spindle Shapers

- 10HP spindle motor
- 3,000 - 12,000RPM inverter controller spindle
- Bi directional spindle rotation
- HSK-63F spindle release system is developed by ANDI™ CNC Machining Centers
- Spindle tolerance of .0001"
- Moveable overarm control panel
- 35" Ergonomically designed precision milled table
- (1) Tool box
- Warranty is one year parts
- All machines are tested stateside prior to shipment providing trouble free start up.

NT-770-HSK, Quick Change Spindle Shaper, 10HP, with Inverter

NT-770S-HSK, Sliding Table, Quick Change Spindle Shaper, 10HP, with Inverter

NT-880-HSK, Quick Change Spindle Shaper, 10HP, with Inverter

NT-880S-HSK, Sliding Table, Quick Change Spindle Shaper, 10HP, with Inverter

OPTIONS:

- 460V 3PH electrics
- 770/880 Optional NC Control Systems for fences
- Additional 1-1/4" HSK chuck 2" under nut
- Optional 40mm HSK chuck 2" under nut
- Optional 50mm HSK chuck 2" under nut
- Router spindle HSK chucks 1/2", 5/8", 3/4" capacity



* Any shipping date quoted by Northtech is an estimation based on factory delivery. Northtech cannot guarantee delivery, nor do we assume any liability for delays or non-shipment arising from any cause. Pictures are for reference only, design and specifications of all Northtech Products sold are subject to change without notice. *

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Machine Features



- Push button spindle release.
- Includes sensor light to ensure proper mating of the chucks as well as correct full pneumatic pressure for safety
- Machine is equipped with safety device that prevents spindle from being released while rotating.



- Detail blow off nozzle included.



- Massive ANDI™ spindle provides precise repeatable machining.
- Spindle is equipped with an automatic braking system that quickly stops the tool from spinning during any shut down, and reduces change over time between setups.

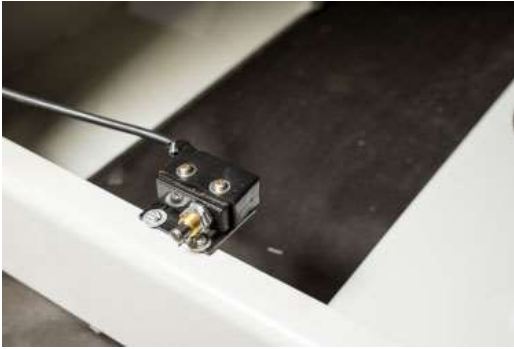


- 10HP TEFC motor delivers consistent cut quality to the most difficult profiles.
- Factory set upper and lower limit switches prevent crashing.

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Machine Features



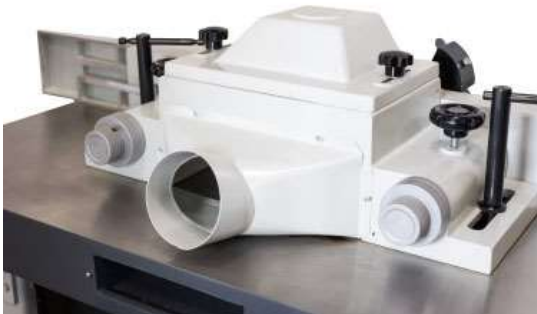
- Access door is equipped with shut off switch in the event the door is opened while the motor is running.
- Safety switch also prevents machine from running while open.



- Auxiliary elevation wheel is mounted to the motor, and is accessible from outside the machine body.



- Digital encoder is mounted to the gear reduction drive for precise elevation settings through 727 Control.



- (1) 5" dust port with integrated table intake provides free flowing air around spindle which greatly increases dust removal efficiency.

Machine Features



- Inverter controlled spindle means no pulley changes and the ability to match RPM to feed speed and tooling requirements for premium finish quality.



- Electrical parts are CE approved and neatly organized in the cabinet, with access safety switch.



- Fluid Lubricator Regulator (FLR) with pre plumbed blow off nozzle before the regulator for maximum air flow.



- Auto initiated self cleaning protocol occurs during all spindle changes. This keeps debris out of high tolerance areas without the need of operators involvement, reducing long term maintenance costs.
- Removable table rings allows up to 13-1/4" diameter tooling.

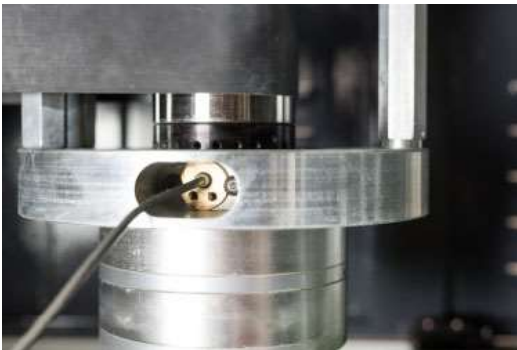
Machine Features



- HSK63F Spindles change out quickly.
- (1) 1 1/4" x 2" under nut HSK-63F tool holder included



- Pivoting overarm control center allows individual operator comfort.
- Power lamp, spindle rotation selection, Amp meter, elevation positioning control, manual elevation buttons, spindle RPM turn knob, stop button, emergency stop, power switch, start button.



- Spindle brakes activates any time machine shut down is initiated.



- The NT 770-HSK has a 38" x 51" webbed back precision ground table. (880HSK 38" x 61")

Machine Features



OPTIONAL

- Sliding table is equipped with pre tapped holes for hold downs.
- Sliding table is 12" x 51" and has over 54" of travel, +/- 29-1/4" slide. (12" x 61" on 880S)



OPTIONAL

- Router bit holder



OPTIONAL

- Pneumatic hold down with on board control switch is mounted to rotatable fence.

Machine Features



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All New HSK Spindle

Built with super-high precision and efficiency in mind, the all new Northtech spindle shaper will provide a competitive edge for your shaping operations.



High Precision, High Rigidity HSK Spindle

- The spindle is supported by P4 class precision angular contact ball bearings with superior radial and axial loading capacity.
- The high spindle speed effectively upgrades machining efficiency and workpiece surface finish.
- The spindle accommodates a tool holder for shaper and router.