

OmniTurn

Fast... Precise... Affordable...

Convert your Chucker to full CNC!



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- **Simple Installation**
 - **Bolt-on precision table**
 - **Closed-loop servo motors**
 - **Spindle options available**
 - **Collet-actuator option**
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Gang-tooled for fastest tool changes.

12" X-Axis travel; 9" Z-Axis travel.

Highest quality ground ball-screws and linear guides for precision and reliability.

Closed-loop servo system provides .0001" accuracy with .00005" resolution.

C-Axis spindle positioning option available

Splash-guard options

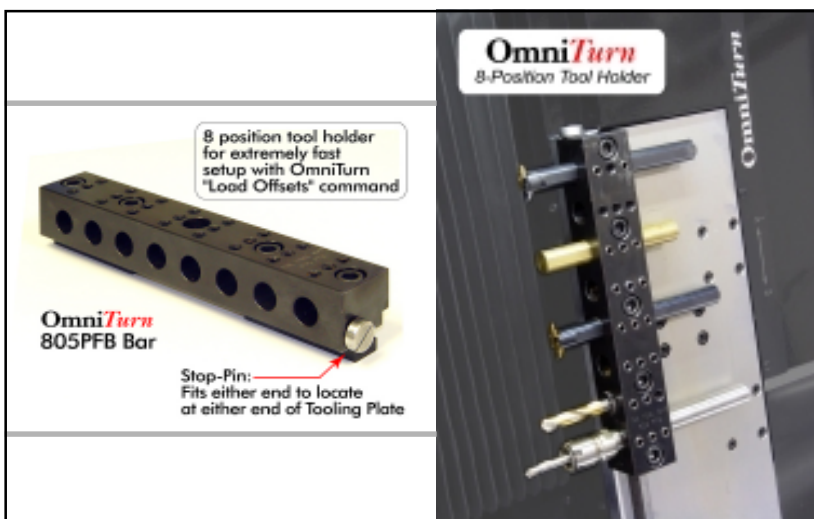
OmniTurn Retrofit Attachment

Fast... Precise... Affordable...

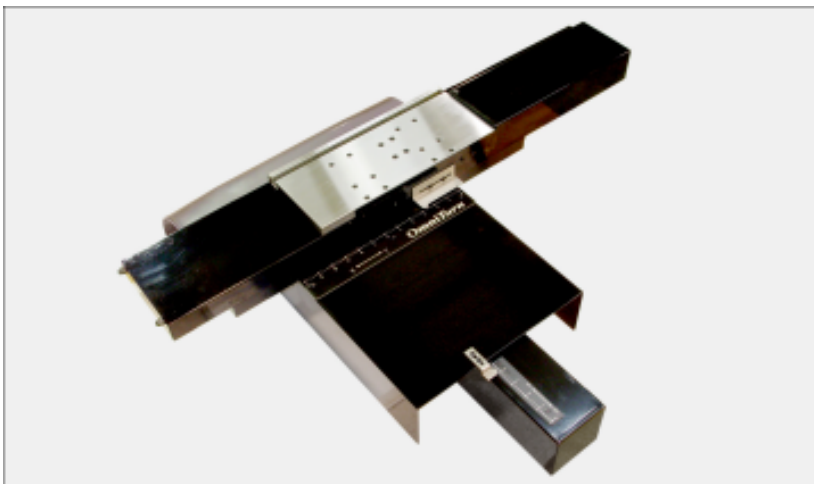
Gang-Tooling is fast!

Gang-tooling is fast tool-to-tool! Change tools in less than 1/2 second.

Gang-tooling is fast for repeat setups! OmniTurn's "Save Offsets" feature lets you setup a complex repeat job in just minutes if you've saved your tooling in this 805PFB holder. Just re-locate the holder on the tooling plate and load your part program with offsets and you're ready to run parts in minutes. No need to re-set all your tooling. The locating pin insures that the holder is back in place, and the original offsets load into the OmniTurn with the program.



The OmniTurn 805PFB (pictured above) is an 8-station tool-bar that accepts 5/8" tooling on 1.1" centers. Stop-pin fits either end so bar can be located on either side of OmniTurn tooling plate. OmniTurn "Save Offsets" feature instantly retrieves offsets when program is loaded, so repeat jobs can be re-set in minutes. Shown at right on OmniTurn GT table note that steep 75° angle allows chips to fall away quickly into chip-pan. **\$195.**



OmniTurn Retrofit Slide

Specifications:

Capacities

Workholding (opt.)	Machine-Specific
Max. Cutting Diameter	6"
Max. Bar Diameter	Machine-Specific
Tooling Plate	6" x 14" with 3/8" T-Slot

Spindle Options

Flux-vector Inverter	5hp, 4,000rpm
C-Axis Positioning	5hp, 4,000rpm, .02°

Construction

Ways	Precision Linear Guides
Ball Screws	Precision-ground, Zero Backlash

Travels & Feedrates

X-Axis	12"
Z-Axis	9"
Resolution of Slide Travel	0.00005"
Repeatability of Slide Travel	0.0001"
Threading	240tpi to 0.5tpi (2"pitch)
Axes Thrust	500lbs cont. 750lbs int.
Max Rapids	300ipm
Max Cutting	300ipm

General

Slide Weight	150lbs
Electrical (Control only)	115vac, 1 phase @ 10A