

## Turning Centers



Methods Machine Tools,

Inc., a leading supplier of innovative precision machine tools, automation and accessories, has introduced FEELER FT-Series High Performance CNC Turning Centers featuring a new all-boxway design to significantly increase cutting capacity. All FEELER machines include extensive design and engineering by Methods, and are backed by Methods' application expertise, support, and extensive network of technology centers. A 2-Year warranty is provided.

“For increased productivity, the new FT-Series design provides customers with exceptional cutting capacity,” said Mr. Paul Hurtig, FEELER Product Manager, Methods Machine Tools, Inc. “Methods' engineers have incorporated new features for unsurpassed performance and value.”

The FEELER FT-Series includes four models – FT-200, FT-250, FT-350 and FT-350L. For exceptional rigidity when performing heavy duty cutting, each of the models has a single-piece structure with boxways, 45-degree slant bed and robust base. For maximum integrity, FEA analysis is used to ensure a solid machine base with excellent overall structural rigidity and stability.

Additional new design features include a more rigid Z-Axis and tailstock rail for maximum support and accurate tracking. The FT-Series includes a new spindle head stock with a FEELER sleeve-type spindle, and the latest high-rigidity servo turret including clamping with curvic coupling for stable and swift tool changes. For excellent multitasking capabilities, 7 ½ HP milling motor with 51.6ft-lb torque is provided.

FEELER FT-Series from Methods offer a reliable FANUC Oi-TD control and 12-station turret. Customers can choose from four different gear boxes and two spindle types. Spindles range from 2,500 rpm to 4,500 rpm and offer chuck diameter sizes from 8" (210mm) up to 15" (381mm). Bar capacity ranges from 2.6" (65mm) to 4.5" (115mm). Maximum turning diameter is offered from 13.0" (330mm) to 25.0" (620mm) and maximum turning length from 21" (530mm) to 60.2" (1,530mm).

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Published on Medical Design Technology (<http://www.mdtmag.com>)

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Machine weight ranges from 9,925 lbs (4,500 kg) to 21,500 lbs (9,750 kg), depending on the model.

A BMT-65 tool system features a solid interface for tool holding. Servo programmable tailstock is standard. For maximum machine component longevity, a fully enclosed CE cabinet prevents dust and fumes from entering.

The Methods-FEELER CNC Lathes and Turning Centers include the HT-Series, FTC-Series and FT-Series. The full range of FEELER machines encompasses Vertical Machining Centers, Turning Centers, Bridge Mills and Boring Mills.

### Methods Machine Tools Inc.

978-443-5388; [www.methodsmachine.com](http://www.methodsmachine.com) [1]

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