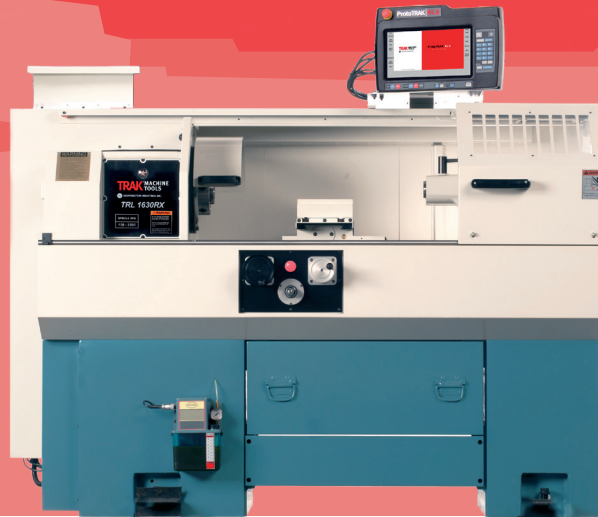




### Toolroom Lathes

*Features that make every turning job more productive*

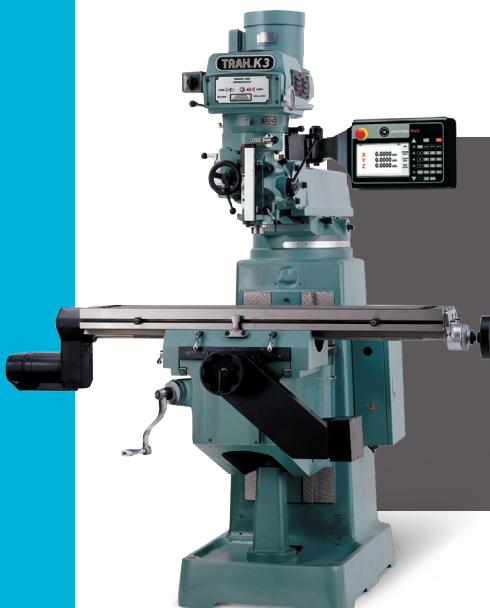


- ProtoTRAK RLX CNC
- Manual operation with powerful DRO features
- Conversational programming
- Cycle for automatic roughing of stock
- DXF File converter for easy programming
- Electronic hand wheels and jogstick
- 6 models from 1440 to 30120
- Brushless servo motors
- Constant Surface Speed (CSS) Programming
- TRAKing<sup>®</sup> for manual control of programs (O)
- Turret for automatic tool changes (O)

### Bed Mills

*Versatility and power in an easy-to-use 3-axis CNC*

- ProtoTRAK RMX CNC
- Powerful DRO routines for manual work
- Manual, 2 or 3-axis simultaneous CNC
- Conversational programming
- Adaptive machining for fast cycle times and reduced wear on the machine and tool
- EPA – onboard videos and step-by-step instructions
- DXF File converter for easy programming
- Powerful Parasolid with touch screen model manipulation
- Customizable user defaults for quick programming
- TRAKing<sup>®</sup> for manual control of programs (O)
- Programmable spindle speeds and tapping
- Manual quill with integrated quill and ram encoders



### Knee Mills

*The best of milling technology on a familiar, trusted machine tool.*

- ProtoTRAK KMX or EMX CNC – choose the capability that is right for you.
- Manual, 2 or 3-axis simultaneous CNC
- Powerful DRO routines for manual work
- Precision ground ballscrews installed in the table and saddle
- Standard glass scale for quill Z readout in manual operation
- Turcite<sup>®</sup> coated slide ways.
- Extra-wide saddle and wide box ways.

## Retrofits Available



ProtoTRAK KMX Control



## TRAK TMC

*The Toolroom Machining Center*

**Selectable operations to suit your needs:**  
**Toolroom Ops** – use like our popular TRAK DPM, with manual or partial CNC operation

**Production Ops** – a full-featured 3 or 4-axis machining center that's perfect for low-quantity production work



## TRAK VMC2

*Large work envelope in a small footprint.*

- ProtoTRAK RMX
- Full-featured 3-axis CNC
- 10K spindle RPM
- 8 station tool changer
- Bridge construction and single casting for amazing rigidity
- Rigid tapping standard
- Integrated indexer (O)

# TRAK VMC<sub>si</sub>

**Transformative Technology Your Shop Can Use**  
**Unattended Machining** to slash your labor expense.

**Connected Machines** for advanced management of jobs and entire shops.

**Digital Twin** for realistic simulations you can use to optimize your spindle uptime.

**Artificial Intelligence & Machine Learning** that performs magic such as adapting feed rates based on experience.

**Automation Solutions** such as robotics, integrated part conveyors, and bar feeders controlled by a single, convenient interface.



# TC820<sub>si</sub>

**TRAK MACHINE TOOLS**



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