

# TRAK Machine Tools for Short Run/Prototype work

## Specifications Summary

For more complete specs, please see our website or call for a catalog.

### TRAK Bed Mills

- ProtoTRAK RMX or SMX CNC
- Solid ram moves along the column providing mass for heavy cuts
- Travels from 31" x 16" x 23.5" to 60" x 23" x 20.5"
- Quill diameters from 3.375" to 5.06"
- Strong and rigid
- Efficient for any job: manual, 2-axis CNC or 3-axis CNC
- Standard electronic head for programmable spindle speeds and tapping
- Precision ground ballscrews installed in the table, saddle and column
- Wide way surfaces are hardened and grounded
- Electronic Handwheels/TRAKing\*

### TRAK Lathes

- ProtoTRAK RLX, SLX or ELX CNC
- Manual or CNC operation
- Distance between centers from 30" to 70"
- Swing over beds range from 14" to 24"
- Max spindle speeds up to 4,000 RPMs
- Electronic hand wheels and jogstick
- Inverter-duty spindle drive\*
- Programmable spindle speeds
- Constant Surface Speed (CSS) Programming\*
- Inch Per Revolution (IPR) Programming\*
- TRAKing for manual control of CNC programs\*

\*Optional on some models

### TRAK Knee Mills

- ProtoTRAK EMX KMX or SMX CNC
- 32" x 16" x 4.9" travel
- Precision 7207 P4 Spindle bearings
- 3 hp spindle motor
- Chrome ground quill
- Meehanite® castings
- Slide ways are Turcite® coated
- Standard glass scale for quill Z readout
- Precision ground ballscrews installed in the table and saddle
- Wide way surfaces are hardened and ground

### ProtoTRAK CNC Retrofits

- ProtoTRAK SMX KMX, EMX CNC Retrofits
  - ProtoTRAK SMX and KMX available in 2 or 3-axis CNC, 3-axis DRO
  - ProtoTRAK EMX available in 2-axis CNC, 3-axis DRO
- Retrofit kits include everything: motors, CNC, hardware, ballscrews, fasteners, and even cable ties
- Custom kits for dozens of machines

*Hands-on  
technology  
for your  
shop floor*

**Call now for a free demo 866-876-0601**  
Visit us online at [www.trakmachinetools.com](http://www.trakmachinetools.com)

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**TRAK**® MACHINE  
TOOLS

Featuring  
ProtoTRAK CNCs

# TRAK Machines

## For Short Run and Prototype Work

**TRAK**® MACHINE  
TOOLS

 SOUTHWESTERN INDUSTRIES, INC.

 SOUTHWESTERN INDUSTRIES, INC.

*The very best  
in technology,  
perfectly  
adapted to  
short run work*

# ProtoTRAK CNCs

- Plain language programming – no codes to memorize
- Canned cycles with prompted inputs
- Big, bright position dimensions
- Few buttons
- Transition easily between manual and automatic operations

## For Mills

## For Lathes



ProtoTRAK RMX



ProtoTRAK KMX



ProtoTRAK RLX



ProtoTRAK EMX



ProtoTRAK SMX



ProtoTRAK ELX



ProtoTRAK SLX

- Networking
- 2 or 3 axis interpolation
- G-Code editor
- Tool path part verify
- TRAKing with electronic handwheels
- Parasolid and DXF file conversions
- Interface with turret and programmable indexer
- Auto Geometry Engine™ programming
- Scaling
- Thread milling
- Engraving
- ...and much, much more!

Not all features are found on all control models.

# TRAK Machines



**TRAK Lathes**  
8 models, starting at \$19,995



**TRAK Knee Mills**  
5 models, starting at \$19,995



**TRAK Bed Mills**  
8 models, starting at \$31,745

**Call now for a free demo 866-876-0601**  
Visit us online at [www.trakmachinetools.com](http://www.trakmachinetools.com)