

TRAK® MACHINE
TOOLS



SOUTHWESTERN INDUSTRIES, INC.

TRAK 2^{op}

*The compact solution
for your VMC and
second operation needs...*

**Now with
10,000 RPM
Spindle!**



Productive | Get more from the people you already have!

Because it fits almost anywhere, you can have the same operator run the TRAK 2^{op} along with another machine in the same work cell. Training takes less than half a day, so everyone in your shop can learn to use it.



Compact:

- 2.5 x 4' footprint
- Fits easily almost anywhere



Capable:

- Three-axis simultaneous CNC
- 8-station tool changer
- Built-in Jergens™ ball locks



Substantial Capacity:

- X, Y, Z travels:
14 x 12 x 17"
- 3HP (continuous)
spindle motor

Versatile | Cost effective for a variety of jobs

The TRAK 2^{OP} is ideal for so many jobs because it is easy to program and set up right on the shop floor. It is also versatile enough to run complex three-axis parts you program offline.



Easy to Use:

- ProtoTRAK TMX Control
- Conversational language or G-code
- Can be programmed right on the shop floor



Easy to Move:

- Pallet jack included at no extra cost
- Move and set up in minutes
- Position wherever needed to do work

Easy to Increase Productivity:

- Have operators run an additional machine
- Keep primary machines running with jobs that fit their capabilities
- Eliminate stacking or moving parts
- Reduce overall cycle times

Options | Customize to fit your needs



2^{op} Vise:

- Modified for the TRAK 2^{op}



Fixture Plate:

- Precision plate with primary liners, 18 x 15"



Fixture Plate Set Up:

- Includes liners, fence, and vise stop assembly



Vise Stop:

- Includes mag base, 1", 2" and 3" extensions



Tool Holders:

- BT30, eight pieces of assorted sizes



Retention Knobs:

- 30 taper



Ball Lock Liners (8):

- For fixture plates.
High and lower precision for use with Primary and Secondary Locating Holes on the 2^{op} table



Ball Lock Clamps:

- Available in sets of four



Mobile Tool Cart:

- Convenient and easy to move

Additional Options:

- Voltage change from 220V to 440V
- Single phase option (reduces HP by 40%)
- Indexer ready kit
- External Delkin USB drive
- Offline programming

Specifications | Compact but capable

Overall Machine Dimensions:

- 30.5 x 52 x 101"
- 92" min height through doorway
- 2825 lbs / 3175 lbs (shipped)

Table Dimensions:

- 18 x 15"
- 4 tee slots at 63mm
- 500 lb max load
- Ball Locks® w/ 2250 lbs of hold down force @ 35 in/lb of torque

Travel:

- 14 x 12 x 17"
- 20.25" max spindle height
- 2.75" min spindle height
- 14" max swing clearance
- 600 in/min max rapid speed

Spindle:

- BT30 tool holder
- 2.2" spindle nose diameter
- 10,000 max RPM
- 3hp motor

Automatic Tool Changer:

- 8 tool capacity
- 2" max tool diameter
- BT30 retention knob

Air Requirements:

- 90 psi
- 2.5 CFM at 90psi
- 18 SCFM



ProtoTRAK System Hardware:

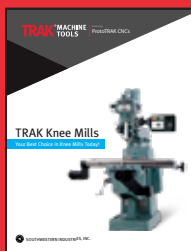
- ProtoTRAK TMX CNC
- Three-axis CNC and DRO
- 5.7" LCD screen
- 2 USB 2.0 ports
- Built in LED status lights
- Uncluttered front panel
- Beacon light
- Spindle speed override
- Coolant pump
- Ethernet port
- 15 gallon coolant tank

Software Features:

- Clear, uncluttered interface
- Prompted data inputs
- Plain language - no codes
- Soft keys change with context
- Windows® operating system
- Inch/mm selectable
- Rigid tapping
- Reference to ball lock locations
- Absolute home location
- Canned cycles: pockets, profiles, bolt hole patterns, etc.
- Indexer compatible

TRAK 2^{op}

Check out these other products from TRAK Machine Tools:



TRAK Knee Mills



TRAK Bed Mills



TRAK TRL Lathes



3D Printers



Want to see more? Check out our website at www.trakmachinetools.com

- or -

Call (800) 876 - 0601 for our desktop demo. We come to you!

TRAK[®] MACHINE
TOOLS



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