

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!**



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

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

Productive | Get more from the people you already have!

Because it fits almost anywhere, you can have the same operator run the TRAK 2op 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

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:

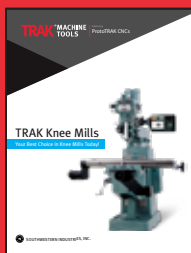
- Convenient and easy to move

Additional Options:

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

TRAK 2^{op}

Check out these other products from TRAK Machine Tools:



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TRAK Bed Mills



TRAK TRL Lathes



3D Printers



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TRAK[®] MACHINE
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SOUTHWESTERN INDUSTRIES, INC.

2615 Homestead Place
Rancho Dominguez, CA 90220

T | 310.608.4422
www.trakmachinetools.com