TRAK® MACHINE TOOLS

SOUTHWESTERN INDUSTRIES, INC.

Introducing the

DPMKX2

Graduate to a TRAK Bed Mill

Easy to learn, easy to afford

TRAK makes it easy to upgrade your game.

The DPM KX2 delivers quality machine tool iron, advanced CNC hardware, and the easy-to-use ProtoTRAK KMX CNC — giving you more productivity from the moment you power up.

The ProtoTRAK KMX CNC

Machine Specifications

- Table Size – 49” x 9”
- Travel (X, Y, Z axis)* – 31” x 16” x 23.25”
- Quill Diameter - 3 3/8”
- Maximum Quill Travel - 5”
- Spindle Taper - R8
- Spindle Speed Range - 60-4200 rpm
- Spindle Center to Column Face – 18.5”
- Spindle Motor Power – 3 HP
- Power Requirements (control) – 110V, 1P, 10A
- Power Requirements – 220/440V, 3P, 8.5/4.3A
- Maximum Weight of Workpiece - 1320 lbs
- Height of Table from Bottom of Bed – 36.75”
- Max Spindle Nose to Table – 26.75”
- Min Height – 92.5”
- Max Height – 97”
- Width of Machine Including Table – 71.625”
- Length with Electric Box Door Closed – 67”
- Overall Width incl Full Table Traverse – 104”
- Overall Length with Electrical Door Open – 78”
- Footprint of Machine – 23.13 x 40.5”
- Net Weight / Shipping lbs. - 3200 / 3500
- Rapid Traverse X, Y, Z -
  100 IPM on X, Y and Z with Mechanical Handwheels
  150 IPM on X and Y, 250 IPM on Z on EHW machines
- 3 T-Slots – .63” x 2.5”
- Drilling Max Capacity - 1”
- Milling Max Capacity - 3 inch/min
- Tapping Max Capacity - 3 /4 – 10
- Auto Lube Pump
- Precision Ground Ballscrews in the Table, Saddle and Ram
- Chrome Hardened and Ground Quill
- Meehanite Castings
- Slide Ways are Turcite Coated
- Wide Way Surfaces are Hardened and Ground

Machine Options

- Glass Scales on Table and Saddle
- Auxiliary Functions
- Electronic Handwheels
- TRAKing
- Remote Stop/Go
- Power Drawbar
- USB Memory
- Spindle – 30 Taper
- Worklamp
- Chip Pan / Splash Shield
- Coolant Pump
- Spray Coolant
- Table Guard Enclosure
- Limit Switches
- Vise

KMX Features

- Selectable Two / Three axis CNC and imperial / metric units
- Prompted Data inputs, Conversational Programing
- Integrated glass scale and ballscrew encoder for one z-axis readout
- Diameter Cutter Compensation – allows programming of the part rather than the center of the tool path
- Circular Interpolation – makes arcs and any size hole easy to do with standard tools
- Linear Interpolation – to machine lines at any angle
- Conrad – provides automatic corner radius programming with one data input
- Incremental and Absolute – programming can even be mixed within an event
- Error Messages – to identify programming mistakes (O)
- Fault Messages – for system self-diagnostics (O)
- Parts Graphics display
- Look – a single button press to view graphics during programming
- Math Help – for finding points in a prompted format with graphical representation of prompts
- Machine Tool Error Compensation and Backlash Compensation custom set on mill after installation
- Jog of X and Y From 1 to 100 inches per minute (O)
- Auto Geometry Engine (O) calculates missing print dimensions as you program
- Optional converters for DXF and Parasolid Files

KMX Hardware

- Digital Servo Amplifiers – custom designed for ProtoTRAK operation
- Modular Design – simplifies service and maximized uptime
- 115V/60HZ/10 amps
- Feedrate Override of Programmed Feedrate and Rapid
- Polycarbonate Sealed Membrane Keypad to Lock Out Contamination
- 9.0” Color LCD
- Windows® Operating System
- USB Port for Interface with a Storage Device
- Rugged Industrial PC
- RJ45 Port and Ethernet card for Networking
- Glass Scale on Quill for Z-axis Readout
- Two- or three-axis CNC, 3-axis DRO

Get to know the new TRAK DPMKX2 featuring the ProtoTRAK KMX today!
Visit **www.trakmt.com/products/bed-mills/dpmkx2**
Call for a demo in your shop at **800-421-6875**
Visit one of our showrooms nationwide **www.trakmt.com/locations**
Sign up for an event near you: **www.trakmt.com/events**

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*Note – if the lower and top covers are removed your Total travel is 26.75”