

BAUER INDUSTRIAL EQUIPMENT LTD.

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Celebrating quality products
at competitive prices since 1973!



newall



TRAK CNC

TRAK Model TRL-1440+ Precision Lathe with Auto Moving Axes

FEATURES

- American made, built-in digital readout (DRO) can automatically move both axes
- Quickly and easily set up tools through graphical interface
- Input the profile to be cut and the DRO will clear the excess stock for you
- DC Servo motors with 280 in-oz. continuous torque
- Precision ballscrews for smooth & precise control
- Geared headstock for highest torque thru full spindle speed range
- Electronic handwheels with selectable fine/coarse movement
- Modular design to simplify service and maximize uptime



SPECIFICATIONS

Swing over Bed	14"
Swing over Cross Slide	7"
Distance Between Centers	40"
Cross Slide Travel	8"
Tool Section (max.)	3/4"
Width of Bed	8.1"
Spindle Nose	D1-4
Spindle Bore	1.56"
Spindle Taper	MT #5
Spindle Speed Range (12 steps)	60 – 2400 RPM
Tailstock	- quill travel 5"
	- quill diameter 1.575"
	- quill taper MT #3
Rapid Feed X&Z (max.)	100"/min
Main Motor	5 HP
Electrics	220V / 60Hz / 3Ph
Net Weight	1,800 lbs.
Dimensions (LxWxH)	73" x 44" x 57"



STANDARD ACCESSORIES

6" 3-jaw chuck
2-way dovetail quick change toolpost
Input DRO data offline on PC software

Coolant system
Oil lubrication pump

Work lamp
Toolbox with tools and manuals

OPTIONAL EQUIPMENT

Faceplate (10")
Remote Stop/Go Switch

Steady Rest (0.2" – 2.4")
5C Collet Closer

Follow Rest (2")

Please feel free to contact us for pricing or if you have any questions.

(More on next page...)

DIGITAL READOUT FEATURES

- 7" colour LCD display with adjustable contrast
- Clear and concise on-screen display and graphics
- LOOK button displays what has been inputted so far
- Override, from 10% to 150%, any inputted feedrate during cutting
- Inch/Metric conversion
- Absolute/Incremental dimensions
- Jog both axes
- Power feed both axes separately or simultaneously
- Feedrate can be set from 1 to 100 inches per minute
- Return to Absolute 0 with one button press
- Specify and save tool types and offsets in to tool table
- Compensates for cutter diameter
- Circular and linear interpolation
- Automatically radius corners
- Automatically moves both axes for:
 - Positioning
 - Drilling / Boring
 - Turning
 - Arcs
 - Cycling for automatic roughing & finishing passes
 - Threading
- Repeat steps for even quicker inputting
- Two USB ports for saving data
- Machine error and backlash compensation
- Downloadable free DRO software for inputting data offline on PC

