

TRAK TRL 30120RX

TRAK MACHINE
TOOLS



SOUTHWESTERN INDUSTRIES, INC.

Our largest lathe combines capacity, rigidity and the versatility of the ProtoTRAK RLX CNC.



Like all our RX Lathes, the TRAK TRL 30120RX features:

- ProtoTRAK RLX CNC
- Manual or CNC operation
- Electronic hand wheels and jogstick
- Brushless servo motors
- Inverter-duty spindle drive
- Programmable spindle speeds
- Constant Surface Speed (CSS) Programming
- Inch Per Revolution (IPR) Programming
- Optional TRAKing for manual control of CNC programs

With these important differences:

- 33" swing over bed/saddle wings, 118" between centers
- 43.5" swing over gap, 15.5" from headstock
- Generous 6.30" spindle through hole
- 30 HP spindle motor
- Geared head for good performance at low speeds
- Interface for rear chuck
- High (aluminum) and low (steel) speed range settings.

CNC Technology for Small Lot Machining

30120RX Specifications

ProtoTRAK CNC model	RLX	Spindle Speed Range (RPM)	20 - 415, 40 - 1300
Height of Centers	16.5"	Number of Speeds	2
Distance between Centers	118"	Tailstock	Standard
Swing over bed	33"	- Quill Travel	8"
Swing over Saddle Wings	33"	- Quill Diameter	4.13"
Swing over Cross Slide	21.2"	- Quill Taper Hole	MT#6
Swing over Gap	43.5"	Spindle Motor HP	30
Length of Gap	15.5"	Power Requirements, Machine	432V-528V; 3P; 60Hz
Cross Slide Travel	20.5"	Amps full load current	62
Tool Section Max	1.5"	Dimensions net	213" x 87" x 80"
Coolant Tank Capacity	48 gal.	Dimensions shipping	223" x 91" x 111"
Width of Bed	19.69"	Weight net	18920 lbs.
Height of Bed	34.44"	Weight shipping	19270 lbs.
Spindle Nose	A2-11	Maximum Rapid Feed X (IPM)	200
Spindle through Hole	6.30"	Maximum Rapid Feed Z (IPM)	400
Spindle Taper	Non MT Taper	Coolant Pump Motor	1/4 HP
Taper in Reduction Sleeve	MT#6	Spindle Motor Brake	Dynamic Braking
Spindle dia at front bearing	7.87"	Way Surface Hardness	480 - 560 HB
Number of Bearings	2	Head Stock Lubrication	Oil Bath

Options

- Remote Stop/Go Switch
- 20" Chuck
- 16" Rear Chuck & Adapter
- Follow Rest (0.79" - 7.87" diameter roller type)
- Steady Rest
1.18" - 11.02" / 10.43" - 21.65"
(Two sets of fingers, roller type)
- Advanced Features
 - Constant Surface Speed
 - Additional Canned Cycles
 - Verify Machining Simulation
- 1.25" Tooling Kit
- 30" Faceplate
- Offline Programming Software
- DXF File Converter
 - Translate CAD-Generated Data Into ProtoTRAK Programs at the Machine
 - For Use on ProtoTRAK RLX and Offline Program
- TRAKing

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