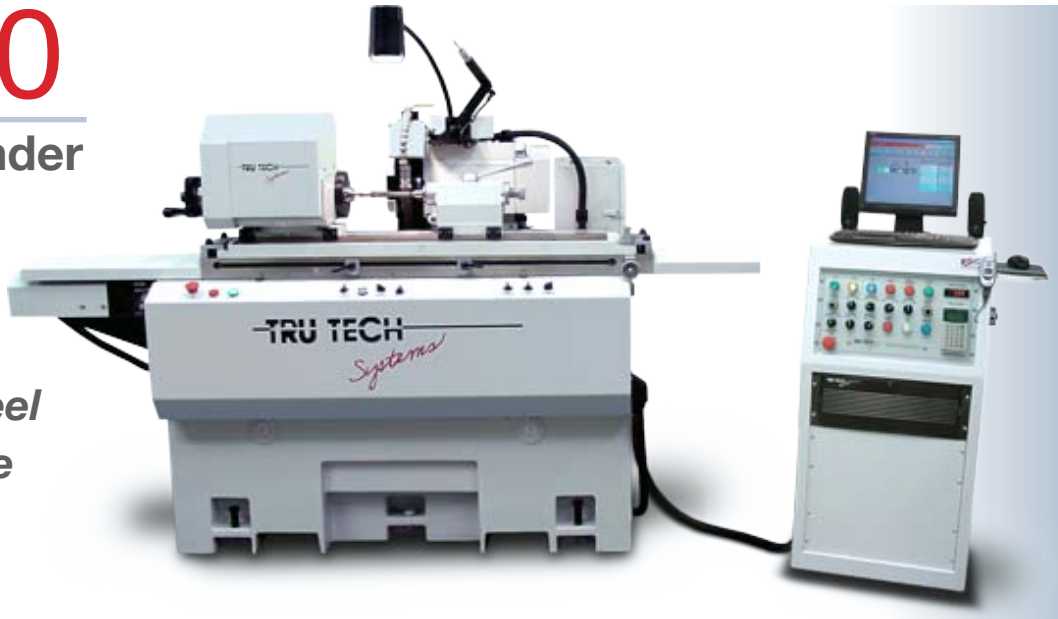
TT-820

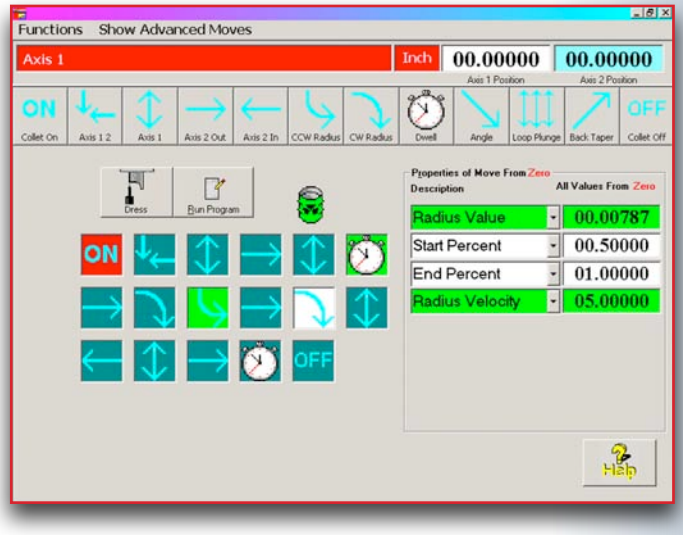
Precision OD Grinder

- *Quick Set-Up*
- *Precision Profiles with Standard 1A1 Wheel*
- *Easy Pick-N-Place Programming*





Optional Telescoping Splash Doors



Intuitive Pick-N-Place™ software makes programming each part a quick, simple task. Simply drag move icons into place, edit their values and start grinding.



EASY TO PROGRAM PRECISION O.D. GRINDING

TRU TECH continues the precision round grinding industrial revolution with the TT-820 Precision OD Grinder.

Equipped with the TRU TECH Pick-N-Place™ software, shapes and profiles are programmed in minutes, optimizing your productivity and dramatically increasing your grinding capabilities.

Built-in training and maintenance modules dramatically reduce cost of ownership.

Available options include precision probing, ID spindle attachment, telescoping safety splash doors, oil filtration to 1-micron, and precision oil chiller.

TRU TECH Systems



Optional Overhead Probing accurately adjusts for variations in length and part orientation.



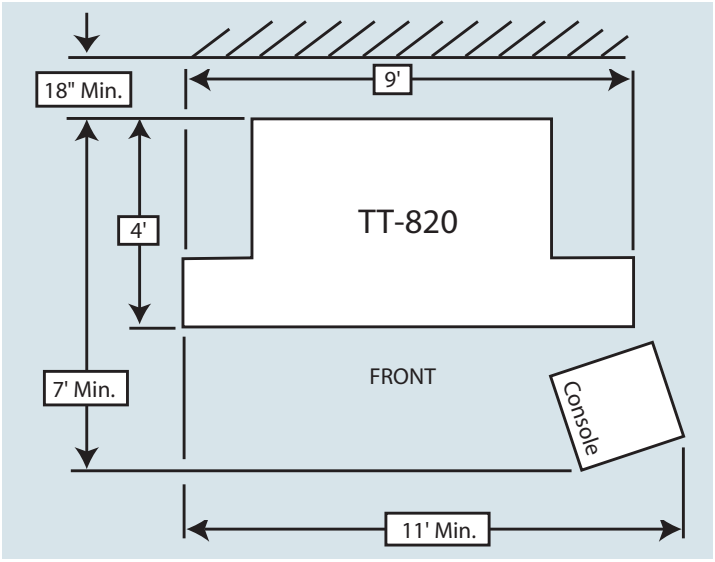
Optional 5 Micron filtration ensures maximum precision.



TT-820 SPECIFICATIONS

Maximum Grind Length (Distance Between Centers)		20”
Maximum Grind Diameter		8”
Maximum Travel	X Axis Y Axis	20” 8”
Standard Wheel Size		14” Max.
Wheel Speed		500-3000 RPM
Maximum Velocity	Y Axis Z Axis	50”/Min. 60”/Min.
Input Increment		.000010”
Accuracy		±.00010”
Repeatability		±.000050”
Wheel Spindle Motor		5 HP Variable
Workhead Motor HP 5C Taper		1/4 50-600 RPM
Workhead Angle Adjustment		±45 Degrees
Table Angle Adjustment		±8 Degrees
ID Spindle Motor		1/2 HP
Power Requirements	30 Amps	208-230V 60 Hz
Shipping Dimensions	Pallet #1 Pallet #2	40”x48”x60” 91”x90”x65”
Shipping Weight		4500 LBS.





All photographs may include non-standard or optional features. For specific needs, please contact your local Tru Tech Systems distributor, or Tru Tech Systems, direct.

TRU TECH SYSTEMS, INC.
Toll Free: (877) TRU-TECH • Phone: 586 469-2700 • Fax: 586 469-1344
P.O. Box 46965 • Mt. Clemens, MI 48046 • www.trutechsystems.com

TT-820 Options & Accessories

- **5 Micron Ebbco Filtration** (24” Wide Tank & Dual Pump)
- **Ebbco 5 Micron Replacement Filters** (Sold by the case)
- **Ebbco Chiller** (8,000 BTU or 12,000 BTU)
- **High Precision Dual Axis Scales**
- **Dressing Block w/ (2) Diamonds**
- **Steady Rest** (2 or 3 Point)
- **Renishaw Probe**
- **ID Grinding Attachment** (40,000 RPM)
- **Rotary Dress w/ (1) Roll**
- **Air Operated 5C Collet w/ Hand Operated Valve**
- **Manual Pulse Generator**
- **5” Wheel Flange w/ (1) Spacer**
- **Balancing Stands**
- **Telescoping Safety Door**
- **Telescoping Safety Door w/ Interlock**
- **480 Volt Upgrade**
- **On-Site Training at Your Facility**

TRU TECH Systems