

THE TRL SERIES is Milltronics' newest line of tool room lathes. They can be run manually or through the control, offering the versatility to accommodate different skillsets and jobs. TRL Series lathes provide a combination of robust turning and milling capabilities, designed for high-performance machining in a compact form.

TRL16/60



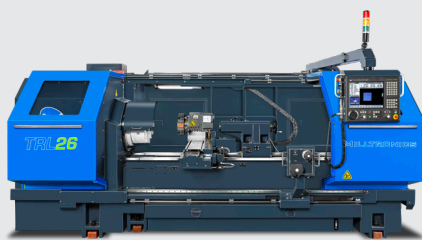
TRL18/60



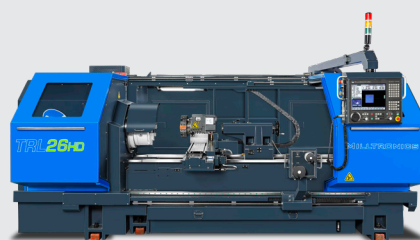
TRL22/60



TRL26/80



TRL26/80HD



STANDARD FEATURES

- Solid box way construction
- Gap bed design
- Tailstock
- Auto lubrication
- Flood coolant
- Full enclosure with sliding door
- Milltronics 9000-DGI CNC control
- 15" LCD color touch screen display
- USB ports
- LCD hour meter
- Spindle load meter
- Part wire frame & solid model graphics
- Constant surface speed (CSS)
- Thread chasing cycle
- One-year warranty

* Specifications subject to change without notice. Some machines shown with options.



SCAN HERE to learn more about the TRL Series and other Milltronics machines.

SPECIFICATIONS	TRL16/60	TRL18/60	TRL22/60	TRL26/80	TRL26/80HD
CAPACITY					
X/Z TRAVELS	11/66.5 in (280/1,690 mm)	12/66.5 in (300/1,689 mm)	18.1/64.96 in (460/1,650 mm)	18/84.6 in (457/2,149 mm)	18/84.6 in (457/2,149 mm)
SWING OVER BED	16.7 in (425 mm)	18.7 in (475 mm)	24.4 in (620 mm)	27 in (686 mm)	27 in (686 mm)
SWING OVER GAP	25.98 in (660 mm)	27.9 in (710 mm)	30.3 in (770 mm)	34.25 in (870 mm)	34.25 in (870 mm)
GAP DISTANCE	12.75 in (324 mm)	12.75 in (324 mm)	12.6 in (320 mm)	12.6 in (320 mm)	12.6 in (320 mm)
SWING OVER CROSS SLIDE	7.48 in (190 mm)	9.45 in (240 mm)	12.2 in (310 mm)	16.1 in (410 mm)	16.1 in (410 mm)
SPINDLE					
SPINDLE NOSE	A2-5	A2-6	A2-8	A2-8	A2-15
SPINDLE BORE	2.04 in (52 mm)	2.56 in (65 mm)	4.13 in (105 mm)	4.13 in (105 mm)	7.28 in (185 mm)
SPINDLE RANGE	100-4,000 RPM	100-2,600 RPM	40-2,500 RPM	30-2,500 RPM	20-1,000 RPM
AC SPINDLE MOTOR	14.75/10 HP (11/7.5 kW)	20/14.75 HP (18/11 kW)	24/15 HP (18/11 kW)	24/15 HP (18/11 kW)	24/15 HP (18/11 kW)
SPINDLE TORQUE	108 ft-lbs (147.2 Nm)	160 ft-lbs (217 Nm)	620 ft-lbs (841 Nm)	775 ft-lbs (1,051 Nm)	775 ft-lbs (1,051 Nm)
TAILSTOCK					
TAILSTOCK QUILL TRAVEL	6 in (150 mm)	6 in (150 mm)	6 in (150 mm)	6 in (150 mm)	6 in (150 mm)
TAILSTOCK QUILL DIAMETER	2.55 in (65 mm)	3.15 in (80 mm)	3.94 in (100 mm)	3.94 in (100 mm)	3.94 in (100 mm)
TAILSTOCK QUILL TAPER	MT4	MT5	MT5	MT5	MT5
AUTOMATIC TURRET					
TOOL CAPACITY	8	8	8	8	8
TOOLING SIZE	.75 in (20 mm)	.75 in (20 mm)	1 in (25 mm)	1 in (25 mm)	1 in (25 mm)
BORING BAR CAPACITY	1.25 in (32 mm)	1.25 in (32 mm)	1.5 in (38 mm)	1.5 in (38 mm)	1.5 in (38 mm)
TOOL SELECTION	BI-DIRECTIONAL	BI-DIRECTIONAL	BI-DIRECTIONAL	BI-DIRECTIONAL	BI-DIRECTIONAL
FURTHER DETAILS					
X/Z RAPID TRAVERSE RATE	500 IPM (12.7 m/min)	500 IPM (12.7 m/min)	500 IPM (12.7 m/min)	500 IPM (12.7 m/min)	500 IPM (12.7 m/min)
POSITIONING ACCURACY	+/- 0.0004 in (+/- 0.01016 mm)	+/- 0.0004 in (+/- 0.01016 mm)	+/- 0.00025 in (+/- 0.0063 mm)	+/- 0.00025 in (+/- 0.0063 mm)	+/- 0.00025 in (+/- 0.0063 mm)
REPEATABILITY	0.0002 in (0.005 mm)	0.0002 in (0.005 mm)	0.0002 in (0.005 mm)	0.0002 in (0.005 mm)	0.0002 in (0.005 mm)
AXIS THRUST FORCE X/Z	3,506.9 lbs (1,591 kg) / 3,125 lbs (3,215 kg)	3,506.9 lbs (1,591 kg) / 3,125 lbs (3,215 kg)	3,920 lbs (1,778 kg) / 4,061 lbs (1,842 kg)	3,920 lbs (1,778 kg) / 4,061 lbs (1,842 kg)	3,920 lbs (1,778 kg) / 4,061 lbs (1,842 kg)
MACHINE HEIGHT	91.2 in (2,317 mm)	90.4 in (2,296 mm)	92.4 in (2,347 mm)	92.4 in (2,347 mm)	92.4 in (2,347 mm)
FOOTPRINT: NOMINAL OPERATING - (WIDTH x DEPTH)	186 x 91 in (4,724 x 2,311 mm)	161.4 x 113.8 in (4,100 x 2,891 mm)	170 x 126 in (4,318 x 3,200 mm)	189.6 x 130 in (4,816 x 3,302 mm)	189.6 x 130 in (4,816 x 3,302 mm)
MACHINE WEIGHT	6,680 lbs (3,030 kg)	7,672 lbs (3,480 kg)	12,567 lbs (5,700 kg)	13,338 lbs (6,050 kg)	13,338 lbs (6,050 kg)
POWER REQUIRED	16.6 KVA/60 Amps	21.58 KVA/80 Amps	17 KVA/52 Amps	18 KVA/45 Amps	18 KVA/45 Amps
VOLTAGE REQUIRED	208-240 Volts / 3 Phase	208-240 Volts / 3 Phase	208-240 Volts / 3 Phase	208-240 Volts / 3 Phase	208-240 Volts / 3 Phase