MILLTRONICS®
Beyond Expectations.

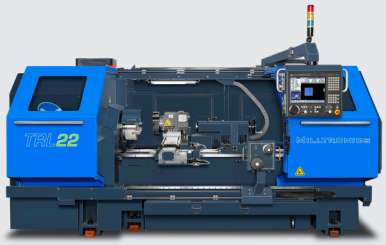
TRL SERIES

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.

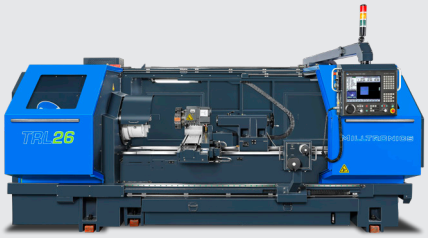
TRL16/60

TRL18/60

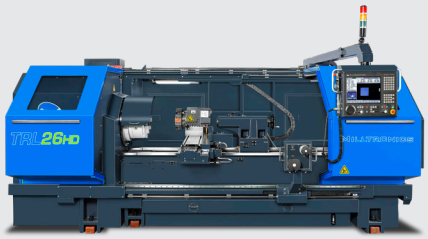
TRL22/60



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.

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TRL SERIES

SPECIFICATIONS	TRL16/60	TRL18/60	TRL22/60	TRL26/80	TRL26/80HD
CAPACITY					
X/Z TRAVELS	11.02/66.5 in (280/1,690 mm)	11.81/66.5 in (300/1,690 mm)	11.81/66.53 in (300/1,690 mm)	18.1/84.65 in (460/2,150 mm)	18.1/84.65 in (460/2,150 mm)
SWING OVER BED	16.7 in (425 mm)	18.7 in (475 mm)	18.7 in (475 mm)	26.97 in (685 mm)	26.97 in (685 mm)
SWING OVER GAP	25.98 in (660 mm)	27.95 in (710 mm)	30.3 in (770 mm)	34.25 in (870 mm)	34.25 in (870 mm)
GAP DISTANCE	12.6 in (320 mm)	12.6 in (320 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)	17.4 in (442 mm)	16.1 in (410 mm)	16.1 in (410 mm)
SPINDLE					
SPINDLE NOSE	A2-5	A2-6	A2-6	A2-8	A2-15
SPINDLE BORE	2.04 in (52 mm)	2.56 in (65 mm)	2.56 in (65 mm)	4.13 in (105 mm)	7.28 in (185 mm)
SPINDLE RANGE	0-4,000 RPM	0-2,600 RPM	0-2,600 RPM	0-1,000 RPM	0-1,000 RPM
AC SPINDLE MOTOR	14.75/10 HP (11/7.5 kW)	20/14.75 HP (15/11 kW)	14.75/10 HP (11/7.5 kW)	14.75/10 HP (11/7.5 kW)	14.75/10 HP (11/7.5 kW)
SPINDLE TORQUE	72.4 ft-lbs (98.2 Nm)	160 ft-lbs (217 Nm)	88 ft-lbs (119 Nm)	440 ft-lbs (597 Nm)	440 ft-lbs (597 Nm)
TAILSTOCK					
TAILSTOCK QUILL TRAVEL	5.9 in (150 mm)	5.9 in (150 mm)	5.9 in (150 mm)	5.9 in (150 mm)	5.9 in (150 mm)
TAILSTOCK QUILL DIAMETER	3.15 in (30 mm)	3.15 in (30 mm)	3.94 in (100 mm)	3.94 in (100 mm)	3.94 in (100 mm)
TAILSTOCK QUILL TAPER	MT5	MT5	MT5	MT5	MT5
AUTOMATIC TURRET					
TOOL CAPACITY	8	8	8	8	8
TOOLING SIZE	.75 in (19 mm)	.75 in (19 mm)	1 in (25.4 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 (+/- 0.010 mm)	+/- 0.0004 in (+/- 0.010 mm)	+/- 0.0004 in (+/- 0.010 mm)	+/- 0.0004 in (+/- 0.010 mm)	+/- 0.0004 in (+/- 0.010 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 ft-lbs (15.6 kN) / 3,125 ft-lbs (13.9 kN)	3,506.9 ft-lbs (15.6 kN) / 3,125 ft-lbs (13.9 kN)	3,506.9 ft-lbs (15.6 kN) / 3,849.3 ft-lbs (17.1 kN)	3,921 lbs (17.4 kN) / 4,061 lbs (18.1 kN)	3,921 lbs (17.4 kN) / 4,061 lbs (18.1 kN)
MACHINE HEIGHT	93.6 in (2,378 mm)	93.6 in (2,378 mm)	TBA	TBA	TBA
FOOTPRINT: NOMINAL OPERATING – (WIDTH x DEPTH)	102.7 x 185.8 in. (2,609 x 4,719 mm)	101.1 x 185.6 in (2,569 x 4,714 mm)	TBA	TBA	TBA
MACHINE WEIGHT	7,540 lbs (3,420 kg)	7,540 lbs (3,420 kg)	TBA	TBA	TBA
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	200-240 VAC / 60 Hz	200-240 VAC / 60 Hz	400-480 Volts / 60 Hz	230 VAC / 60 Hz	230 VAC / 60 Hz