

MILLTRONICS ML SERIES COMBO LATHES offer both manual and CNC operations for tool rooms and job shops. They can be configured with many options and other features such as bore sizes and bed lengths, including live tooling and C-axis (on most models).

ML16II/40



ML18II/60



ML22II/60



ML26II/40/80/120/160



STANDARD FEATURES

- Solid model graphic display
- DXF file import
- Networking
- 35 mm solid boxed ways technology
- Automatic lubrication
- Spindle load meter
- Flood coolant with enclosure
- Thread chasing feature (most models)
- 500 IPM rapid traverse rate
- LCD hour meter
- One year warranty
- 9000 Series Control

* Some machines may ship with 9000 Series Control. Specifications subject to change without notice. Some machines shown with options.



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



MILLTRONICS®
Beyond Expectations.

ML SERIES

SPECIFICATIONS	ML16II/40	ML18II/60	ML22II/60	ML26II/40	ML26II/80	ML26II/120	ML26II/160
CAPACITY							
X/Z TRAVELS	11/44.5 in (280/1,130 mm)	12/63.5 in (300/1,613 mm)	13/63.5 in (330/1,613 mm)	13/42 in (330/1,066 mm)	13/84 in (330/2,130 mm)	13/124 in (330/3,150 mm)	13/163 in (330/4,140 mm)
SWING OVER BED	16.7 in (425 mm)	18.7 in (475 mm)	21.6 in (550 mm)	25.6 in (650 mm)	25.6 in (650 mm)	25.6 in (650 mm)	25.6 in (650 mm)
SWING OVER GAP	25.98 in (660 mm)	27.9 in (710 mm)	30.3 in (770 mm)	34.2 in (870 mm)	34.2 in (870 mm)	34.2 in (870 mm)	34.2 in (870 mm)
GAP DISTANCE	12.75 in (320 mm)	12.75 in (320 mm)	12.75 in (320 mm)	12.75 in (320 mm)	12.75 in (320 mm)	12.75 in (320 mm)	12.75 in (320 mm)
SWING OVER CROSS SLIDE	7.48 in (190 mm)	9.4 in (240 mm)	12.2 in (310 mm)	16.1 in (410 mm)	16.1 in (410 mm)	16.1 in (410 mm)	16.1 in (410 mm)
SPINDLE							
SPINDLE NOSE	A2-5	D1-6	A1-8	A1-8	A1-11	A2-11	A2-11
SPINDLE BORE	2.04 in (52 mm)	2.56 in (65 mm)	3.22 in (82 mm)	3.22 in (82 mm)	4.17 in (106 mm)	6 in (153 mm)	6 in (153 mm)
SPINDLE RANGE	100-4,000 RPM	100-2,600 RPM	40-2,000 RPM	40-2,000 RPM	30-1,600 RPM	30-1,600 RPM	30-1,600 RPM
AC SPINDLE MOTOR	15/10 HP (11/7 kW)	20/15 HP (15/11 kW)	24/10 HP (18/7 kW) 2-SPEED DELTA/WYE	24/10 HP (18/7 kW)	24/10 HP (18/7 kW)	24/10 HP (18/7 kW)	24/10 HP (18/7 kW)
SPINDLE TORQUE	124 ft-lbs (168 Nm)	255 ft-lbs (345 Nm)	1,050 ft-lbs (1,423 Nm)	1,050 ft-lbs (1,423 Nm)	1,250 ft-lbs (1,690 Nm)	1,250 ft-lbs (1,690 Nm)	1,250 ft-lbs (1,690 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)	6 in (150 mm)	6 in (150 mm)
TAILSTOCK QUILL DIAMETER	2.55 in (65 mm)	3.15 in (80 mm)	3.15 in (80 mm)	3.94 in (100 mm)	3.94 in (100 mm)	3.94 in (100 mm)	3.94 in (100 mm)
TAILSTOCK QUILL TAPER	MT4	MT5	MT5	MT5	MT5	MT5	MT5
AUTOMATIC TURRET							
TOOL CAPACITY	8	8	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)	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)	1.5 in (38 mm)	1.5 in (38 mm)
TOOL SELECTION	BI-DIRECTIONAL	BI-DIRECTIONAL	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)	500 IPM (12.7 m/min)	500 IPM (12.7 m/min)
MAXIMUM CUTTING FEED RATE	100 IPM (2,540 mm/min)	100 IPM (2,540 mm/min)	100 IPM (2,540 mm/min)	100 IPM (2,540 mm/min)	100 IPM (2,540 mm/min)	100 IPM (2,540 mm/min)	100 IPM (2,540 mm/min)
POSITIONING ACCURACY	+/- 0.00025 in (+/- 0.0063 mm)	+/- 0.00025 in (+/- 0.0063 mm)	+/- 0.00025 in (+/- 0.0063 mm)	+/- 0.00025 in (+/- 0.0063 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)	0.0002 in (0.005 mm)	0.0002 in (0.005 mm)
AXIS THRUST FORCE X/Z	1,500 lbs (680 kg)	1,500 lbs (680 kg)	2,300 lbs (1,040 kg)	4,000 lbs (1,815 kg)	4,000 lbs (1,815 kg)	4,000 lbs (1,815 kg)	4,000 lbs (1,815 kg)
MACHINE HEIGHT	80 in (2,032 mm)	80 in (2,302 mm)	83 in (2,108 mm)	83 in (2,108 mm)	83 in (2,108 mm)	83 in (2,108 mm)	83 in (2,108 mm)
FOOTPRINT: MAXIMUM SERVICE SPACE - (WIDTH x DEPTH)	142 x 123.5 in (3,607 x 3,137 mm)	185.2 x 123.5 in (4,703 x 3,137 mm)	162.8 x 128.5 in (4,316 x 3,265 mm)	166.5 x 141.25 in (4,229 x 3,588 mm)	206.5 x 141.25 in (5,245 x 3,588 mm)	246.5 x 141.25 in (6,261 x 3,588 mm)	286.5 x 141.25 in (7,277 x 3,588 mm)
FOOTPRINT: NOMINAL OPERATING - (WIDTH x DEPTH)	120 x 83 in (3,050 x 2,110 mm)	145 x 84.4 in (3,682 x 2,145 mm)	143 x 83 in (3,630 x 2,108 mm)	126 x 84 in (3,200 x 2,133 mm)	166 x 84 in (4,216 x 2,133 mm)	206 x 84 in (5,235 x 2,133 mm)	246 x 84 in (6,250 x 2,133 mm)
MACHINE WEIGHT	6,000 lbs (2,730 kg)	8,500 lbs (3,850 kg)	10,000 lbs (4,500 kg)	9,500 lbs (4,300 kg)	11,500 lbs (5,200 kg)	13,200 lbs (6,000 kg)	17,200 lbs (7,800 kg)
POWER REQUIRED	19 KVA/47 Amps	24 KVA/60 Amps	18 KVA/43 Amps	18 KVA/45 Amps	18 KVA/45 Amps	19 KVA/48 Amps	19 KVA/48 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	208-240 Volts/ 3 Phase	208-240 Volts/ 3 Phase