

SPECIFICATIONS	SL6II	SL8II	SL10II
FURTHER DETAILS			
X/Z RAPID TRAVERSE RATE	1,181 IPM (30 m/min)	1,181 IPM (30 m/min)	1,181 IPM (30 m/min)
MACHINE HEIGHT	86.3 in (2,193 mm)	83.7 in (2,127 mm)	88.5 in (2,248 mm)
FOOTPRINT: MAXIMUM SERVICE SPACE - (WIDTH x DEPTH)	147.5 x 98.6 in (3,745 x 2,504 mm)	169.1 x 104.4 in (4,486 x 2,651 mm)	191.4 x 110.4 in (4,860 x 2,804 mm)
FOOTPRINT: NOMINAL OPERATING - (WIDTH x DEPTH)	126 x 82.2 in (3,200 x 2,088 mm)	142.8 x 88.3 in (3,628 x 2,244 mm)	166 x 94.8 in (4,216 x 2,408 mm)
MACHINE WEIGHT	7,050 lbs (3,200 kg)	8,885 lbs (4,030 kg)	10,670 lbs (4,840 kg)
POWER REQUIRED	13 KVA/32 Amps	18 KVA/44 Amps	24 KVA/59 Amps
VOLTAGE REQUIRED	208-240 Volts/ 3 Phase	208-240 Volts/ 3 Phase	208-240 Volts/ 3 Phase



INCLUDED AT NO EXTRA COST

STANDARD FEATURES

- ✓ 3-jaw hydraulic chuck with foot switch
- ✓ 12 position auto turret with 1" slots
- ✓ True slant bed with one-piece base casting
- ✓ Linear motion guide ways with roller type bearings
- ✓ Full enclosure with sliding door
- ✓ Flood coolant
- ✓ Auto lubrication
- ✓ Part, wire frame & solid model graphics
- ✓ Constant Surface Speed (CSS)
- ✓ Spindle load meter
- ✓ LCD hour meter
- ✓ One year warranty
- ✓ 9000 Series Control

OPTIONS

- Parts catcher
- Mist collector
- Bar feed interface
- Bi-directional turning cycle
- Automatic tool setter
- Hydraulic tailstock
- Additional spare "M" functions
- Chip conveyor
- Oil skimmer
- Collet chucks
- Digital Setup Assistant
- Milltronics Shop View

SLANT BED LATHES



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SLANT BED LATHES SLII SERIES

The Milltronics SLII Series CNC lathes offer a great combination of features and performance at an attractive price. They are well built, reliable, and easy to use. The SLII Series machines feature robust true slant bed castings, linear motion guide roller ways, direct coupled ballscrews, and the 9000 Series control.

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CAPACITY			
X-AXIS TRAVEL	7 in (178 mm)	8 in (203 mm)	9.8 in (250 mm)
Z-AXIS TRAVEL	14 in (356 mm)	21 in (533 mm)	31.1 in (790 mm)
SWING OVER BED DIAMETER	15.9 in (405 mm)	21.7 in (550 mm)	22.9 in (582 mm)
SWING OVER CROSS SLIDE DIAMETER	9.45 in (240 mm)	11.8 in (300 mm)	15.8 in (402 mm)
MAXIMUM TURNING DIAMETER	12.4 in (316 mm)	14 in (356 mm)	17.7 in (450 mm)
MAXIMUM TURNING LENGTH	13.4 in (340 mm)	21 in (533 mm)	29.9 in (760 mm)
SPINDLE			
SPINDLE NOSE	A2-5	A2-6	A2-8
DRAW TUBE DIAMETER	1.77 in (45 mm)	2.54 in (64.5 mm)	3.18 in (81 mm)
SPINDLE BORE DIAMETER	2.2 in (56 mm)	3.07 in (78 mm)	3.74 in (95 mm)
CHUCK SIZE	6 in (152 mm)	8 in (203 mm)	10 in (254 mm)
SPINDLE RANGE	0-6,000 RPM	0-4,000 RPM	0-3,000 RPM
AC SPINDLE MOTOR	17/10 HP (13/7.5 kW)	30/20 HP (23.2/15 kW)	29.5/20 HP (22/15 kW)
MAXIMUM SPINDLE TORQUE	83 ft-lbs (113 Nm) @ 1,090 RPM	161 ft-lbs (219 Nm) @ 1,000 RPM	260 ft-lbs (352 Nm) @ 600 RPM
TURRET			
TOOL CAPACITY	12	12	12
TOOL SIZE	.75 x .75 in (19 x 19 mm)	1 x 1 in (25 x 25 mm)	1 x 1 in (25 x 25 mm)
BORING BAR CAPACITY	1.25 in (32 mm)	1.5 in (40 mm)	1.5 in (40 mm)
TOOL SELECTION	BI-DIRECTIONAL	BI-DIRECTIONAL	BI-DIRECTIONAL
TAILSTOCK OPTION			
TAILSTOCK QUILL TRAVEL	3.46 in (88 mm)	3.46 in (88 mm)	4.7 in (119 mm)
TAILSTOCK QUILL DIAMETER	2.28 in (58 mm)	2.28 in (58 mm)	3.54 in (90 mm)
TAILSTOCK THRUST	550 lbs (250 kg)	550 lbs (250 kg)	550 lbs (250 kg)
TAILSTOCK QUILL TAPER	MT4	MT4	MT5
MOTION			
MAXIMUM CUTTING FEED RATE	400 IPM (10.16 m/min)	400 IPM (10.16 m/min)	400 IPM (10.16 m/min)
POSITIONING ACCURACY	+/- 0.0002 in (+/- 0.005 mm)	+/- 0.0002 in (+/- 0.005 mm)	+/- 0.0002 in (+/- 0.005 mm)
REPEATABILITY	0.0002 in (0.005 mm)	0.0002 in (0.005 mm)	0.0002 in (0.005 mm)
AXIS THRUST FORCE X/Z	1,851 lbs (8.2 kN)	1,951 lbs (8.2 kN)	3,125 lbs (13.9 kN)