

SPECIFICATION

MODEL		e-1050B	e-1054B	e-1454B w / 3 Axes Control	e-Mill 3VKH w / CNC Control	e-Mill 5VK w / CNC Control
Table	Table Size	10" x 50" (254 x 1270 mm)	10" x 54" (254 x 1372 mm)	14" x 54" (356 x 1372 mm)	10" x 50" (254 x 1270 mm) or 10" x 54" (254 x 1372 mm)	
	T-Slots	3 x 5/8" (16 mm)		3 x 5/8" (16 mm)	3 x 5/8" (16 mm)	
	Table Load	1320 lbs (600 kgs)		1960 lbs (891 kgs)	750 lbs (341 kgs)	
Travel	X Axis Max. / Rapid Feed	27.5" (700 mm) / 200 ipm	31.5" (800 mm) / 200 ipm	40" (1016 mm) / 200 ipm	Vary with Controller	
	Y Axis Max. / Rapid Feed	20" (500 mm) / 200 ipm		22.44" (570 mm) / 200 ipm	Vary with Controller	
	Z Axis Max. / Rapid Feed	20.87" (530 mm) / 200 ipm		26.77" (680 mm) / 200 ipm	Vary with Controller	
	Max. Spindle Nose to Table	5.31" (135 mm) - 25.39" (645 mm)		1" (25.4mm) - 27.75" (705 mm)	21"	
	Spindle Center to Column Face	23.62" (600 mm)		21.3" (540 mm)	4" - 27" (100 - 685.8 mm)	
Spindle	Quill Diameter	4" (100 mm)			3 3/8" (85.725 mm)	4" (100 mm)
	Quill Travel	5" (127 mm)			Manual 5" (127 mm); Auto 4 1/4" (108 mm)	
	Spindle Taper	CAT / BT #40; NMTB#40 Opt.			R 8	CAT / BT #40; NMTB#40 Opt.
	Spindle Speed Hi / Low RPM	500 - 3750 / 50 - 500			500 - 4500 / 50 - 500	500 - 3750 / 50 - 500
	Spindle Feed-3 Ranges in(mm) / rev.	0.0015", 0.003", 0.006" (0.15, 0.04, 0.08 mm)			0.0015", 0.003", 0.006" (0.15, 0.04, 0.08 mm)	
	Spindle Rotation Angle	±90° Left to Right			±90° Left to Right; ±45° Front to Back	±90° Left to Right
Motor	Spindle HP	5			3; 4 HP Opt.	5 HP
	X Axis Servo Motor	DC 31.3 Lb-in or AC 750 watts		36 Lb-in AC	Vary with Controller	
	Y Axis Servo Motor	DC 31.3 Lb-in or AC 750 watts		36 Lb-in AC	Vary with Controller	
	Z Axis Servo Motor	DC 31.3 Lb-in or AC 1 KW with Brake		36 Lb-in AC	Vary with Controller	
	Coolant Pump HP (Opt.)	1/8			1/8	
	Lubrication Pump Watts	80		30	80	
Power	Control	110V / 1P / 30A			110V / 1P / 15A or 110V / 1P / 30A	
	Machine	230V (460V) / 3P / 14A (7A) or Single Phase 230V			230V (460V) / 3P / 9A (4.5A) or Single Phase 230V	230V (460V) / 3P / 14A (7A) or Single Phase 230V
Dimension	Max. Height	100" (2540 mm)		98.43" (2500 mm)	94" (2390 mm)	96" (2439 mm)
	Height from Table Top to Bottom of Bed	35.43" (900 mm)		31.5" (800 mm)	—	—
	Width of Machine Including Table	72.44" (1840 mm)	76.44" (1945 mm)	94.49" (2400 mm)	67" (1700 mm)	
	Overall Length with Electrical Door Closed	78.74" (2000 mm)		84.65" (2150 mm)	71" (1800 mm)	
	Overall Length with Electrical Door Open	103.15" (2620 mm)		109.06" (2770 mm)	84" (2134 mm) or 95.28" (2420 mm)	
	Overall Width with Full Table Traverse	100" (2540 mm)	108" (2743 mm)	141.73" (3600 mm)	91" (2311 mm)	
	Footprint of Machine inches	72.44" x 78.74" x 100"	76.44" x 78.74" x 100"	100" x 74" x 110"	—	—
	Footprint of Machine metric	1840 x 2000 x 2540 mm	1945 x 2000 x 2540 mm	2540 x 1880 x 2794 mm	—	—
Weight	Net Approx.	4411 lbs (2005 kgs)	4558 lbs (2072 kgs)	7800 lbs (3545 kgs)	3300 lbs (1500 kgs)	3500 lbs (1591 kgs)
	Gross Approx.	4609 lbs (2095 kgs)	4758 lbs (2163 kgs)	8050 lbs (3659 kgs)	3630 lbs (1650 kgs)	3830 lbs (1741 kgs)
Packing Dimension Approx.	X x Y x Z inch (metric)	61.02" x 70.08" x 88.58"	64.96" x 70.08" x 88.58"	90.55" x 78.74" x 88.58"	67" x 67" x 74.8"	
	W / Balancing Block	155 x 178 x 225 cm	165 x 178 x 225 cm	230 x 200 x 225 cm	170 x 170 x 190 cm	
Maximum Working Capacity in Mild Steel						
Drilling Max. Capacity		1 1/4" (32 mm) Dia.			7/8" (22 mm) Dia.	1 1/4" (32mm) Dia.
Milling Max. Capacity		5 inch ³ /min			2 inch ³ /min	5 inch ³ /min
Boring Capacity		8" (200 mm) Dia.			6" (152.4 mm)	8" (200mm) Dia.
Tapping Max. Capacity		1" (25 mm)			—	1" (25mm)
Handwheel Type (Opt.)		Electronic MPG			Electronic MPG	

Note: The manufacture reserves the right to modify the design, specifications, mechanisms, etc. to improve the performances of machine without notice.
All the specifications shown above are for reference only.