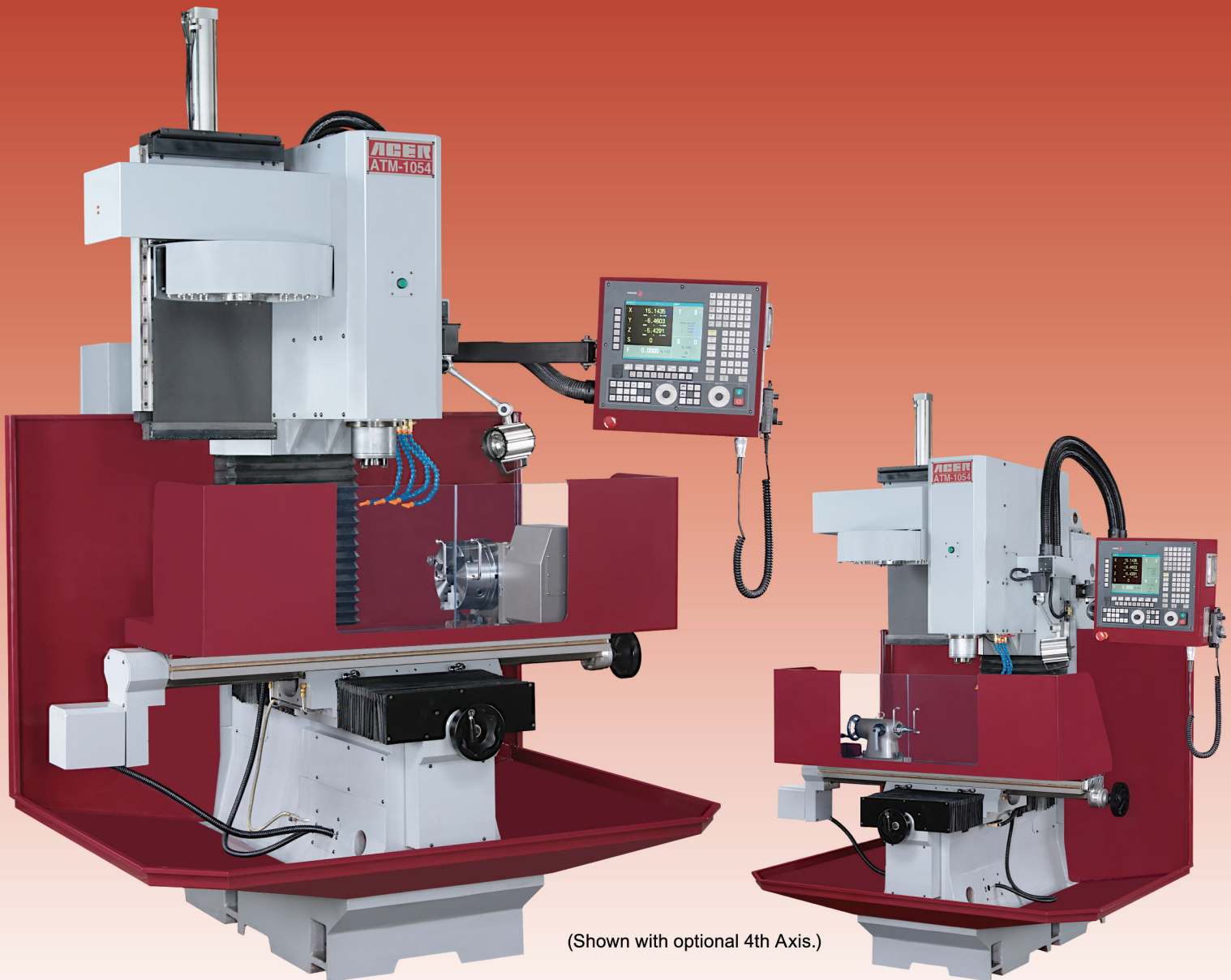




Technology • Creativity • Reliability  
An Unswerving Commitment to Excellence

# High Precision Toolroom Mill with ATC



1. AC servo motors standard with machine.
2. Rigid Tapping Capability!
3. 4th Axis ready!!!
4. Ball screw bearing pairs installed at the end of each axis.
5. Retractable Umbrella ATC at 8, 10 and 12 tools.
6. Throat distance at 23.62" (600 mm) and under spindle nose at 25.39" (645 mm).
7. Standard with coolant system, table guard, chip pan and column guards.

**ATM 1050**  
**ATM 1054**

# SPECIFICATIONS

MODEL		ATM 1050	ATM 1050A	ATM 1054	ATM 1054A
Table	Table Size	10" x 50" (254 x 1270 mm)		10" x 54" (254 x 1372 mm)	
	T-Slots	3 x 5/8" (16 mm)			
	Table Load	1320 lbs (600 kgs)			
Travel	X Axis Max./Rapid Feed	27.5" (700 mm)/200 ipm		31.5" (800 mm)/200 ipm	
	Y Axis Max./Rapid Feed	20" (500 mm)/200 ipm			
	Z Axis Max./Rapid Feed	20.87" (530 mm)/200 ipm			
	Max. Spindle Nose to Table	5.31" (135 mm) ~ 25.39" (645 mm)			
	Spindle Center to Column Face	23.62" (600 mm)			
Spindle	Quill Diameter	4.72" (120 mm)			
	Spindle Taper	CAT #40 or BT #40			
	Spindle Speed	0 ~ 6000 RPM			
Motor	Spindle	7.5 HP			
	X Axis Servo Motor	AC 750 watts			
	Y Axis Servo Motor	AC 750 watts			
	Z Axis Servo Motor	AC 1 KW	AC 1 KW with brake	AC 1 KW	AC 1 KW with brake
	Coolant Pump	1/8 HP			
ATC Tool Dimension	Tool Total Length	12" (300 mm)			
	Tool Maximum Width	2.95" (75 mm)			
	Tool Total Weight	15 lbs (8 kgs)			
Power	Control	230V/3P/30A			
	Machine Total	12.5 KVA			
Air Req.	Cylinder Pressure	6 kg/cm <sup>2</sup> min.			
Dimension	Max. Height at Cylinder	110" (2794 mm)			
	Max. Work-Piece Height	18" (457.2 mm)			
	Height from Table Top to Bottom of Bed	35.43" (900 mm)			
	Width of Machine Including Table	67.65" (1719 mm)		71.65" (1820 mm)	
	Overall Length with Electrical Door Closed	80.71" (2050 mm)			
	Overall Length with Electrical Door Open	108.27" (2750 mm)			
	Overall Width with Full Table Traverse	100" (2540 mm)		108" (2743 mm)	
	Footprint of Machine inches	67.65" x 80.71" x 110"		71.65" x 80.71" x 110"	
	Footprint of Machine metric	1719 x 2050 x 2794 mm		1820 x 2050 x 2794 mm	
Weight	Net Approx.	5830 lbs (2650 kgs)	5170 lbs (2350 kgs)	5896 lbs (2680 kgs)	5236 lbs (2380 kgs)
	Gross Approx.	6169 lbs (2804 kgs)	5509 lbs (2504 kgs)	6235 lbs (2834 kgs)	5575 lbs (2534 kgs)
Packing Dimension Approx.	X x Y x Z inch (metric) w/balancing block	82.22" x 86.22" x 99.61" (2088 x 2190 x 2530 mm)	—	86.22" x 86.22" x 99.61" (2190 x 2190 x 2530 mm)	—
	X x Y x Z inch (metric) w/balancing cylinder (A model)	—	82.22" x 86.22" x 99.61" (2088 x 2190 x 2530 mm)	—	86.22" x 86.22" x 99.61" (2190 x 2190 x 2530 mm)
Maximum Working Capacity in Mild Steel					
Drilling Max. Capacity		1 1/4" (32 mm) Dia.			
Milling Max. Capacity		5 inch <sup>3</sup> /min			
Boring Capacity		8" (200 mm) Dia.			
Tapping Max. Capacity		1" (25 mm)			
Handwheel Type		Electronic MPG			

Note: The manufacturer reserves the right to modify the design, specification, mechanisms, etc., to improve the performance of the machine without prior notice. All specifications shown above are for reference only!

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