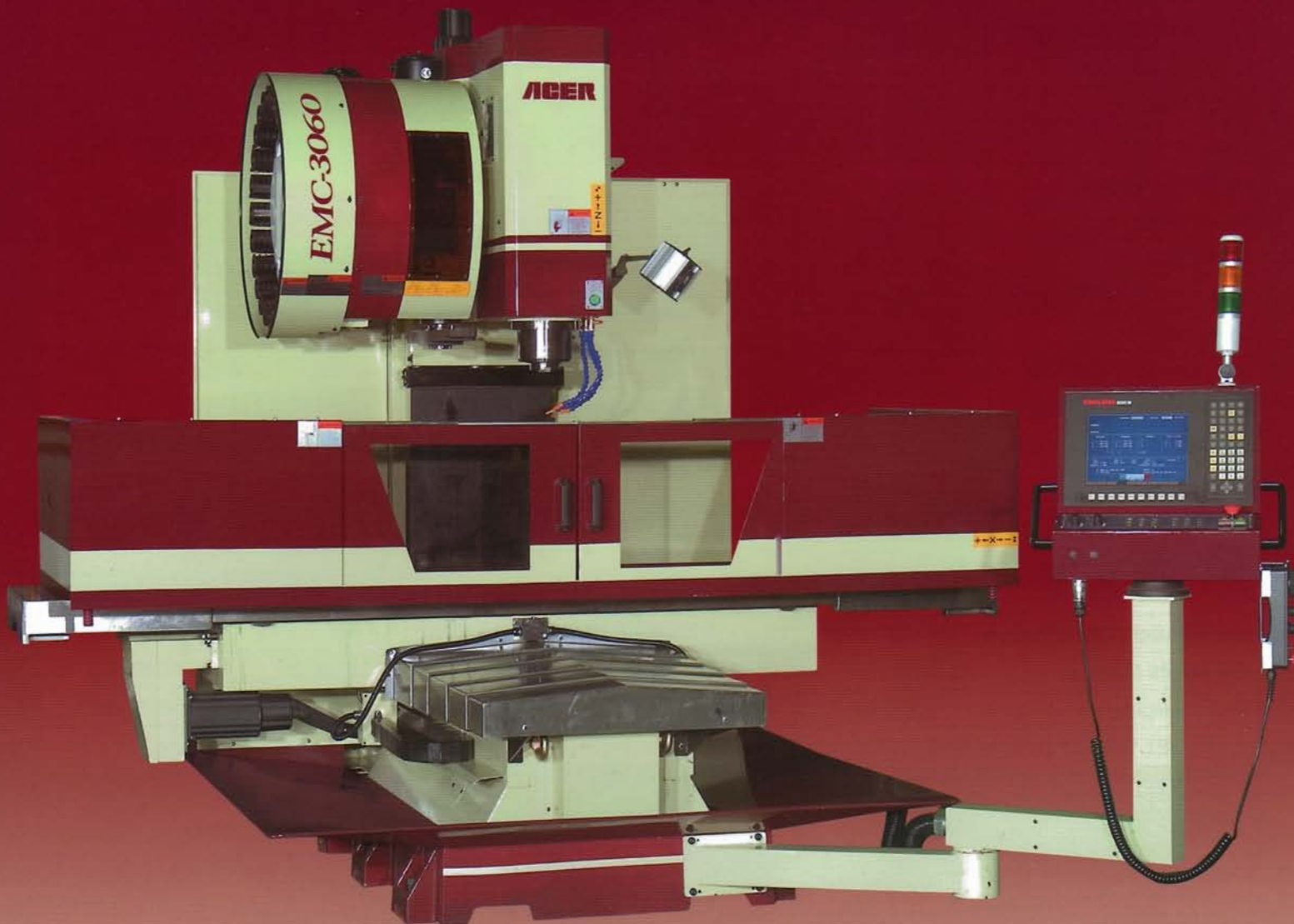




Technology • Creativity • Reliability  
An Unswerving Commitment to Excellence

# ACER MACHINING CENTER



EMC-SERIES



## SPECIFICATIONS

MODEL	EMC-2240A	EMC2550	EMC-3060	EMC-3580	EMC-35100
Table size (L x W)	54" x 14"	62.9" x 19.6"	72.9" x 24"	92" x 30"	112" x 30"
T-slot (No., wid x dis)	3, 0.6" x 3.2"	5, 0.7" x 2.7"	5, 0.7" x 3.4"	5, 0.7" x 4.4"	5, 0.7" x 4.4"
Table load	1,980 lbs	3,300 lbs	3,300 lbs	3,960 lbs	3,960 lbs
X travel	40"	47.2"	59"	78.7"	98.4"
Y travel	22"	23.6 / *25"	27.5" / *29.5"	33.8" / *35"	33" / *35"
Z travel	20"	23.6"	26.3"	25.5"	25.5"
Spindle nose to table	4"~24"	3.1"~26.7"	3.1"~30.7"	3.94"~29.5"	3.94"~29.5"
Spindle center to column	22.8"	25.5"	30.5"	35"	35"
Spindle taper	CAT#40 or BT#40				
Spindle speed	60~8,000 rpm	60~8,000 rpm	60~8,000 rpm	60~8,000 rpm	60~8,000 rpm
Rapid on (X / Y / Z)	400 / 400 / 400 imp	400 / 400 / 400 imp	400 / 400 / 400 imp	400 / 400 / 400 imp	400 / 400 / 400 imp
Cutting feedrate	200 ipm				
Repeatability	0.0002"	0.0003"	0.0003"	0.0003"	0.0003"
Positioning	±0.0005"	±0.0005"	±0.0005"	±0.0005"	±0.0005"
Tool capacity (ARM type)	24 pcs	24 pcs	24 pcs	24 pcs	24 pcs
Max. tool diameter	3.15"				
Max. tool weight (each)	15.4 lbs				
Spindle motor (AC digital)	10 HP (15 HP 30 min peak)			13.3 HP (18 HP 30 min peak)	
Drive motor X, Y, Z (AC digital)	2.5 HP	3 HP	3 HP	3 HP / 6 HP / 3 HP	3 HP / 6 HP / 3 HP
Coolant motor	1/8 HP	1/4 HP	1/4 HP	1/4 HP	1/4 HP
Power required (approx.)	24 HP (90A)	28 HP (100A)	28 HP (100A)	28 HP (100A)	28 HP (100A)
Air required	96 psi				
Floor space (L x W x H)	130" x 96" 94"	114" x 113" x 107"	174" x 113" x 107"	140" x 126" x 107"	170" x 126" x 115"
Min. operation space (L x W x H)	144" x 115" x 103"	119.6" x 89.7" x 100.3"	119.6" x 89.7" x 100.3"	141.7" x 88.5" x 100.3"	171.2" x 88.5" x 100.3"
Net weight (approx.)	8,360 lbs	9,240 lbs	10,560 lbs	16,500 lbs	17,600 lbs
Gross weight	8,500 lbs	9,850 lbs	11,200 lbs	17,600 lbs	18,700 lbs

\* TRAVEL WITHOUT SPLASHGUARD

Note: The manufacture reserves the right to modify the design, specifications, mechanisms, etc. to improve the performance of machine without notice.

All the specifications shown above are for reference only.

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