

ACRA EBM SERIES CNC HORIZONTAL MILLING MACHINES



DESCRIPTION:

The ACRA EBM Series Horizontal Milling Machines Are Accurate And Reliable Machine Designed For 3 And 4 Axis Prototype, Mold, Or Production Use. Large Heavily Ribbed Meehanite Casting, Quality Components, Provide Unparalleled Rigidity, Precision, Squareness, And Lasting Performance. This Machine Incorporates Box Ways On All Three Axes With Turcite-B For Lasting Precision. Ballscrews Are Double Nut, Anchored And Force Lubricated At Both Ends, Pre-Tensioned And Laser Aligned. Accuracies Meet Or Exceed JIS With Full Table Load. A 2-Speed Gearbox Drives The Heavy Duty Precision Steel Encased Spindle, With Temperature Controlled Recirculating Oil. Available Control Systems Include Mitsubishi (64M Std), FANUC, Siemens, Heidenhain, Selca, And ECS.

STANDARD ACCESSORIES:

- Programmable Coolant System
- Automatic Lubrication System
- Spindle Air Blast System
- Working Lamp
- Alarm Lamp For Abnormal Situation
- Indication Lamp For Dwell & End Of Job
- Leveling Bolts & Pads
- BT#50 Spindle
- Pre-Extended Ballscrews
- RS-232 Terminal Interface Port
- Machine & Control Manuals
- Toolbox With Spanners & Wrenches

OPTIONAL ACCESSORIES:

- Fully Enclosed Splash Guard
- High Column With 1400 mm Vertical Travel
- Manual Universal Milling Head BT#50, 2500 RPM
- 30 Stations Automatic Tool Changer
- Angle Plate & Jig Block 0.001, 1, , 90 Degree Indexing Table

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SPECIFICATIONS		EBM-1000	EBM-2150	EBM-2600
TABLE	Overall Size	59" x 31"	87" x 35"	104" x 35"
	T Slots (# / W x P)	5 / 0.7" x 4.9"	5 / 0.9" x 5.9"	5 / 0.9" x 5.9"
	Max. Table Load	3,300 LBS	5,500 LBS	11,000 LBS
TRAVELS	X / Y / Z	55" x 35" x 39"	85" x 35" x 43"	102" x 35" x 43"
	Sp.C/L To Table Edge	9.8" - 29.5"	9.8" - 25.5"	9.8" - 25.5"
	Sp C/L To Table Top	4" - 39"	4" - 39"	4" - 39"
SPINDLE	Taper	BT-50	BT-50	BT-50
	Speed	10 - 3000 RPM	10 - 3000 RPM	10 - 3000 RPM
AXES	Rapid X, Y / Z	397 IPM	397 IPM	397 IPM
	Cutting Feedrate	196 IPM	196 IPM	196 IPM
	Ballscrews (D x Pitch)	50 x 10 MM	63/50/63 x 10 MM	63/50/63 x 10 MM
ACCURACIES	Positioning	0.0002" / 12"	0.0002" / 12"	0.0002" / 12"
	Repeatability	0.00012"	0.00012"	0.00012"
	Roundness	0.0004" / 12"	0.0004" / 12"	0.0004" / 12"
	Orthogonality	0.0004"	0.0004"	0.0004"
MOTORS	Spindle Motor	22 HP	22 HP	22 HP
	Axes (X/Y/Z)	3.5 HP	4.5/3.5/3.5 HP	4.5/3.5/3.5 HP
	Coolant	1.2 HP	1.2 HP	1.2 HP
OVERVIEW	Net Weight	30,000 LBS	42,000 LBS	46,000 LBS
	Footprint	150" x 138" x 126"	150" x 177" x 126"	150" x 127" x 126"
	Power	25 KVA	30 KVA	30 KVA
	Air Required	80 PSI	80 PSI	80 PSI

NOTE! The manufacturer reserves the right to modify the design, specifications, & mechanisms to improve the performances of the machines without notice. All specifications above are for your reference only.