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ACRA FBE SERIES CNC BED MILLS



FEATURES:

- Bed, Column, Compound, Table, And Milling Carriage Are Made From Heavily Ribbed Cast Iron GGL 25
- Hardened Vertical & Horizontal Guideways At Column And Milling Carriage; Counter Guideways Are Coated With Plastic Turcite-B
- The Weight of the Milling And Vertical Carriage Is Hydraulically Compensated
- Horizontal Spindle Powered With Automatic 2-Step Transmission

STANDARD ACCESSORIES:

- 2500 RPM Universal Manual Milling Head
- 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
- RS-232 Terminal Interface Port
- Machine & Control Manuals
- Toolbox With Spanners & Wrenches

OPTIONAL ACCESSORIES:

- 3D Triggering Touch Probe: TS630 Infraed Type Or TS-220 Cable Type
- Automatic Tool Length & Radius Detector
- Linear Scales With Compressed Air Unit 3 Axes Feedback
- Pick Up Type Auto Tool Changer
- Hydraulic Indexing Table Various Sizes
- Built In Rotary Table

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SPECIFICATIONS		FBE-1500	FBE-2000	FBE-2600	FBE-3000
TRAVELS	X	59"	78.5"	102"	118"
	Y	39.37"	39.37"	39.37"	39.37"
	Z	39.37"	39.37"	39.37"	39.37"
TABLE	Overall Size	63" x 41 1/4"	82 1/2" x 41 1/4"	106" x 41 1/4"	122" x 41 1/4"
	No. T Slots / Size	7 / 22H8	7 / 22H8	7 / 22H8	7 / 22H8
	Max. Table Load	6,600 LBS	11,000 LBS	13,200 LBS	17,600 LBS
BALLSCREWS	X Axes (Dia x Pitch)	2" x 3/8"	2" x 3/8"	2" x 3/8"	2 1/2" x 3/8"
	Y Axes (Dia x Pitch)	2" X 3/8"	2" X 3/8"	2" X 3/8"	2" X 3/8"
	Z Axes (Dia x Pitch)	2" x 3/8"	2" x 3/8"	2" x 3/8"	2" x 3/8"
	Precision Class	0.000315MM/12"	0.000315MM/12"	0.000315MM/12"	0.000315MM/12"
HORIZONTAL SPINDLE	Taper	#50	#50	#50	#50
	Speed	2500 RPM	2500 RPM	2500 RPM	2500 RPM
	Motor	24 HP	24 HP	24 HP	24 HP
UNIVERSAL SPINDLE	Taper	#50	#50	#50	#50
	Speed	2500 RPM	2500 RPM	2500 RPM	2500 RPM
	Motor	21.3 HP	21.3 HP	21.3 HP	21.3 HP
FEED RATES	Rapid	394 IPM	394 IPM	394 IPM	394 IPM
	Cutting Feedrate	1/32 - 197 IPM	1/32 - 197 IPM	1/32 - 197 IPM	1/32 - 197 IPM
ACCURACIES	Positioning	0.005 MM	0.005 MM	0.005 MM	0.005 MM
	Repeatability	± 0.000118"	± 0.000118"	± 0.000118"	± 0.000118"
	Roundness	±0.0004" / 12" Dia	±0.0004" / 12" Dia	±0.0004" / 12" Dia.	±0.0004" / 12" Dia
OVERVIEW	Net Weight	18,734 LBS	20,938 LBS	23,142 LBS	25,346 LBS
	Air Supply Required (kg/cm ²)	6	6	6	6
	Hydraulic Motor	4.667 HP	4.667 HP	4.667 HP	4.667 HP
	Power	30 KVA	30 KVA	30 KVA	30 KVA

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.