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ACRA CNC VERTICAL KNEE MILLS



DESCRIPTION:

The ACRA CNC Knee Mills Are Fast And Precise Vertical Milling Machines Built On A Rugged Frame And Ideally Suited For Accurate Milling, Boring, And Drilling Operations. Accuracy, Speed, And Reliability Are Achieved By The Combination Of Meehanite Cast, Precision Ground Ways, Turcite-B Mating Surfaces Coupled To An Anilam Dual Processor Control With Color L.C.D., Manual Pulse Generator, And Operator Friendly Software (Other Controls Available) For Quicker, Easier Programming And Set-Up. The Larger Anilam Axis Drives Make Heavier, More Precise Machining A Reality.

STANDARD ACCESSORIES:

- Acu-rite MillPwr CNC Control
- Double Wall Construction
- Turcite On X & Y
- Hardened & Ground Ways
- Hardened & Ground Table
- Quill Heat Treat Hardened & Chromed
- Auto Lubrication

OPTIONAL ACCESSORIES:

- Full Z-Axis Upgrade
- Offline 3000 Software (Simulator W/ DXF Converter)
- Offline 4200T Software (Simulator)
- Offline 5000 Software (Simulator W/ DXF Converter)
- Offline 6000 Software (Simulator W/ DXF Converter)
- Remote Electronic Handwheel (For 3 Axis)
- Remote Start/Stop Switch
- 1.8 Nm Motor In Place of 3.5 Nm
- 4.5 Nm Motor In Place of 3.5 Nm
- 5300 VS 3300, Any Configuration Above
- "Conversational Programming Option" for 5000 Series
- 4th Axis Ready Upgrade (5300~5400), Motor Not Included
- Vector Limit Switch Option
- XY Scale Option

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SPECIFICATIONS		AM 2V(AC) CNC	AM 3V(AC) CNC	AM 4V(AC) CNC	AM 5V(AC) CNC
TABLE	Overall Size	9"x 42" (or 49")	10"x54"	10"x54"	12"x58"
	Max Table Load	550 LBS	990 LBS	990 LBS	990 LBS
TRAVELS	X	26" or 33"	34"	34"	38"
	Y	12"	15"	15"	15"
	Z	5"	5"	5"	5"
	Spindle to Table	18-3/4"	20"	20"	20"
SPINDLE	Taper	R8 or #30	R8 or #30	#40	#40
	RPM	80~5,440/65~4,200RPM	65~4,200RPM	50~3,750 RPM	50~3,750 RPM
	RPM(AC)	50~5,000 RPM	50~5,000 RPM	50~5,000 RPM	50~5,000 RPM
RAPID	X Axis	200 IPM	200 IPM	200 IPM	200 IPM
	Y Axis	200 IPM	200 IPM	200 IPM	200 IPM
	Z Axis	100 IPM	100 IPM	100 IPM	100 IPM
ACCURACIES	Positioning	JIS Standard	JIS Standard	JIS Standard	JIS Standard
	Repeatability	JIS Standard	JIS Standard	JIS Standard	JIS Standard
ATA	Power Drawbar	Optional	Optional	Optional	Optional
MOTORS	Spindle Motor	3 HP	3 HP	5 Hp	5 HP
	X axis	3.4 A	3.4 A	3.4 A	3.4 A
	Y Axis	3.4 A	3.4 A	3.4 A	3.4 A
	Z Axis	3.4 A	3.4 A	3.4 A	3.4 A
OVERVIEW	Shipping Weight	2,400 lbs	3,900 lbs	4,000 lbs	4,400 lbs
	Dimensions	54" x 48"		68-1/2" x 56-1/2"	72-1/2" x 58-1/2"

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.