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ACRA 2400 AUTOMATIC SURFACE GRINDER



CARTRIDGE-TYPE PRECISION SPINDLE

- Spindle Is Supported By 4 Pieces Preloaded Super Precision Angular Contact Ball Bearing to Assure Excellent Accuracy, And This Outstanding Designed Spindle Is Suitable For Heavy Duty Grinding Jobs.

DOUBLE WALL & STRESS RELIEVED MAIN CASTINGS

- The Main Machine Parts-Base And Column Are Made Of High Quality "Double Wall" Cast Iron With Annealing Treatment To Eliminate The Internal Stress And Also With Ribs To Give High Stiffness And Stability for All Kind Of Grinding Jobs

MICRO-PROCESSOR BASED CONTROL

- Micro-Processor Based Control Provides Powerful Function, Trouble Free operation And Easy Maintenance.

LOW-FRICTION COATED SURFACE

- The Slideways Consist Of One Piece Cast Iron, Surface In Contact With "TURCITE-B" Surface of Longitudinal Table Ways Are All Precision hand Scraped, And Guarantee The Contact Point Over 60~70%, Ensure Very High Accuracy And High Resistance. Automatic-Saddle Intermittent Feed Is Driven By A Electric And Feed Motor Can Be Pre-Set From 0.006"~1" With Variable And Smooth movement Of Saddle, The Machine is Suitable For Rough And Fine Grinding.

AUTO-DOWN FEED-3 AXIS AUTOMATIC TYPE

- Vertical Driven By "STEPPING MOTOR", Easily Setting For Rough Grinding, Fine Grinding And Sparkout Grinding Feeds. And Intermitted Setting Tarrytime For Rough Grinding, Find Grinding And Sparkout Grinding.

STANDARD ACCESSORIES:

- Grinding Wheel
- Wheel Balancing Stand
- Flange Extractor
- Coolant System
- Diamond Wheel Dresser
- Wheel Balancing Arbor
- Halogen Light
- Wheel Flange
- Leveling Screws & Plates
- Vertical Rapid

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OPTIONAL ACCESSORIES:

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| <ul style="list-style-type: none"> ■ Kanetsu Electromagnetic Chuck-40" ■ Kanetsu Electromagnetic Chuck ■ Chuck Controller ■ Dust Collector ■ Coolant & Dust Collector ■ Paper Strip Filter With Mag. Separator | <ul style="list-style-type: none"> ■ (NC) Computerized Down Feed ■ Parallel Dresser ■ Wheel Flange ■ Digital Read-Out ■ D.R.O. Installation. |
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SPECIFICATIONS	2040/2060/2080HSR	2440/2460/2480HSR	2840/2860/2880HSR
Table Size	20"x41"/20"x61"/20"x81"	24"x41"/24"x61"/24"x81"	28"x41"/28"x61"/28"x81"
Max. Table Travel	22"x45"/22"x65"/22"x85"	26"x45"/26"x65"/26"x85"	30"x45"/30"x65"/30"x85"
Dist. From Table To Spindle Center	30"		
Grinding Wheel Size (Dia x W x Bore)	16" x 2" x 5"		
Table Speed Per Minute	200"~1000"/MIN		
Table Guideway	V & F		
Auto Cross Feed Increment	0.01"~1"		
Cross Feed On Hand Wheel (rev./gra)	0.2"/0.001"		
Rapid Power Head Elevation 60 Hz	8"/MIN		
Auto Down Feed (Optional)	Step Motor 0.0001"~0.0999"/TIME		
Vertical Feed On hand Wheel (rev/gra)	0.008"/0.00005"		
Grinding Wheel Speed	1,750 RPM		
Spindle Motor (Optional)	15 HP		
Hydraulic Pump Motor	3HP/5HP/5HP	3HP/5HP/5HP	3HP/5HP/5HP
Auto Cross Feed Motor	1/5 HP	1/5 HP	1/5 HP
Rapid Head Elevation Motor	1/2 HP	1/2 HP	1/2 HP
Table Load	1900/2600/3300 LBS	2200/3000/3700 LBS	2400/3200/4000 LBS
Net Weight	13200/16500/19800 LBS	14300/17600/20900 LBS	15400/18700/22000 LBS
Shipping Weight	15000/18300/22000 LBS	16100/19400/23000 LBS	17200/20500/24200 LBS
Dimension	Length x Width	148"x90"/154"x90"/187"x90"	148"x90"/154"x90"/187"x90"
	Height	101"	101"

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.