

ACRA 3200/4000HSR AUTOMATIC SURFACE GRINDER



- The Column Of Machine Uses Ribs To Reinforce Its Structure Rigidity
- The Cross-Radial Arm Design Uses The Box Structures. This Cross-Type Rib Reinforcement Increases The Rigidity And Also Reduces The Vibration And Deformation.
- The High Precision Heavy Pre-Load Linear Guilder And Accurate Ball-Screw Transmission System Are Used In The Vertical Feeding.
- As A Result, A Powerful And Precise Grinding Force Is Formed.
- The Traditional Hand Wheel-Feeding System With The Combination Of AC Servomotor Is Replaced By A Manual Pulse Generator.
- The 6-Step Variable Hydraulic System Is Used In The Working Table. However, The Working Table Can Be Adjusted To Each Desired Level
- The Lubrication Of The Whole Machine Is Done By A Forced Circulation Oil System
- These Action Helps To Maintain The Accuracy And Also Extend The Lifetime Of Glided Surface And Transmission System
- Two Sets Of Vertical Spindle System Are Assembled To Grind Various Type Of Grinding Guide Of Table And Grooves. This Is The One-Step Finished Work

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

OPTIONAL ACCESSORIES:

- ACRA Electromagnetic Chuck-40"
- Kanetsu Electromagnetic Chuck-40"
- ACRA Fine Pole Electromagnetic Chuck
- Kanetsu Electromagnetic Chuck
- Chuck Controller
- Dust Collector
- Coolant & Dust Collector
- Paper Strip Filter With Mag. Separator
- (NC) Computerized Down Feed
- Parallel Dresser
- Wheel Flange
- Digital Read-Out
- D.R.O. Installation.

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SPECIFICATIONS		3240/3260/3280/32120 HSR	4040/4060/4080/40120 HSR
Table Size		32"x40"/32"x60"/32"x80"/32"x120"	40"x40"/40"x60"/40"x80"/40"x120"
Max. Table Travel		32"x44"/34"x64"/34"x84"/34"x124"	42"x44"/42"x64"/42"x84"/42"x124"
Dist. From Table To Spindle Center		32" (Optional 40")	
Grinding Wheel Size (Dia x W x Bore)		16"x2"x5" (Optional 20"x2"x5")	
Table Speed Per Minute		120"~1000"/MIN	
Table Guideway		V & V	
Auto Cross Feed Increment		0.02"~0.8"	
Cross Feed On Hand Wheel (rev./gra)		0.2"/0.001"	
Rapid Power Head Elevation 60 Hz		3"/MIN	
Auto Down Feed (Optional)		AC SERVO 0.0001"~0.001"/TIME	
Vertical Feed On Hand Wheel (rev/gra)		0.01"/0.0001"	
Grinding Wheel Speed		1740 RPM	
Spindle Motor		10 HP (Optional 15 HP)	10 HP (Optional 15 HP)
Hydraulic Pump Motor		7.5/7.5/10/10 HP	7.5/7.5/10/10 HP
Auto Cross Feed Motor		1/5 HP	1/5 HP
Rapid Head Elevation Motor		1/5 HP	1/5 HP
Table Load		3000/4000/5000/7000 LBS	3300/4400/5800/8000 LBS
Net Weight		24860/28160/31460/38060 LBS	27060/30360/33660/40700 LBS
Shipping Weight		27060/30360/34100/41360 LBS	29260/32560/36300/43560 LBS
Dimension	Length x Width	232"x95"/216"x95"/256"X95"/295"x95"	232"x106"/216"x106"/256"x106"/295"x106"
	Height	114"	114"

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.