

# SHAPE AND SAND SYSTEM WITH PRECISION ELECTRONIC SET-UP



**(6) HSK SPINDLES FOR HIGH VOLUME PRODUCTION  
WITH QUICK CHANGE SET-UP**



## STANDARD FEATURES:

### TILTING HOGGING SHAPER STATION:

- HSK F63 Spindle Nose
- (2) 1-1/4" Diameter X 3" Long HSK F63 Cutter Holders
- Panel Mounted Tool Change Button
- 6" to 9" Cutter Diameter Capacity
- 10 H.P. Direct Drive Spindle Motor, T.E.F.C.
- 5,000 to 9,000 Spindle RPM
- Front Spindle Adjustment Station
- AC Inverter Spindle Controller
- Inverter Spindle Brake
- Electronic Digital Display Horizontal and Vertical Spindle Adjustment and Positioning
- Electronic Digital Display Spindle Tilt Indicator
- Tilting 0–30 Degrees, Forward
- Heavy Duty Precision Linear Ways
- 4" Diameter Safety Dust Hood Outlet, 900 CFM Required
- No Cutter Tooling Included

### TILTING FINISHING SHAPER STATION:

- HSK F63 Spindle Nose
- (2) 1-1/4" Diameter X 3" Long HSK F63 Cutter Holders
- Panel Mounted Tool Change Button
- 6" to 9" Cutter Diameter Capacity
- 10 H.P. Direct Drive Motor, T.E.F.C.
- 5,000 to 9,000 Spindle RPM
- Front Spindle Adjustment Station
- AC Inverter Spindle Controller
- Inverter Spindle Brake
- Electronic Digital Display Horizontal and Vertical Spindle Adjustment and Positioning
- Electronic Digital Display Spindle Tilt Indicator
- Tilting 0–30 Degrees, Forward
- Heavy Duty Precision Linear Ways
- 4" Diameter Safety Dust Hood Outlet, 900 CFM Required
- No Cutter Tooling Included

### TILTING SANDING STATIONS:

- HSK F63 Spindle Nose
- (2) 1-1/4" Diameter X 3" Long HSK F63 Sanding Wheel Holders
- 6" to 9" Wheel Diameter Capacity
- Panel Mounted Tool Change Button
- Front Spindle Adjustment Station
- Tilting 0–30 Degrees, Forward
- (2) 2 H.P. Spindle Drive Motors, T.E.F.C.
- 1,000 to 1,800 Spindle RPM
- AC Inverter Spindle Controllers
- Reversing
- Inverter Spindle Brake
- Heavy Duty Precision Linear Ways
- 1/2" Thick Steel Motor Mounting and Tilting Plates
- Electronic Digital Display Horizontal and Vertical Spindle Adjustment and Positioning
- Electronic Digital Display Spindle Tilt Indicator
- Pneumatic Floating Spindles For Arch Sanding Applications
- Adjustable Air-Jet Abrasive Cleaning Devices At Each Spindle
- Air-Jets Activated Only When Feed Chain Track Is On
- 9" Maximum Diameter Sanding Wheel Capacity
- (2) 4" Diameter Dust Hoods, 600 CFM Required Each Hood
- No Tooling Included

## STANDARD FEATURES:

### (2) INVERTED TILTING SANDING STATIONS:

- HSK F63 Spindle Nose
- (2) 1-1/4" Diameter X 3" Long HSK F63 Sanding Wheel Holders
- 6" to 9" Wheel Diameter Capacity
- Panel Mounted Tool Change Button
- Front Spindle Adjustment Station
- Tilting 0–30 Degrees, Forward
- (2) 2 H.P. Spindle Drive Motors, T.E.F.C.
- 1,000 to 1,800 Spindle RPM
- AC Inverter Spindle Controllers
- Reversing
- Inverter Spindle Brake
- Heavy Duty Precision Linear Ways
- 1/2" Thick Steel Motor Mounting and Tilting Plates
- Electronic Digital Display Horizontal and Vertical Spindle Adjustment and Positioning
- Electronic Digital Display Spindle Tilt Indicator
- Pneumatic Floating Spindles For Arch Sanding Applications
- Adjustable Air-Jet Abrasive Cleaning Devices At Each Spindle
- Air-Jets Activated Only When Feed Chain Track Is On
- 9" Maximum Diameter Sanding Wheel Capacity
- (2) 4" Diameter Dust Hoods, 600 CFM Required Each Hood
- No Tooling Included

### CHASSIS:

- 1/2" and 3/4" Thick Steel Chassis Body Frame
- Open In Rear For Easy Service Access
- Blow Off Hose Outlet
- Machine Leveling Bolts
- Floor Area Required: 110" L X 36" D X 58" H

### CONVEYOR SYSTEM AND FENCE:

- 2 H.P. Feed Drive Baldor Smart Motor
- Extra Heavy Duty Gear Box On Feed Track
- Molded Pads On Feed Chain Track – Easy To Clean – Do Not Pull Off
- 4–40 Feet Per Minute Speed Range
- 6" Wide Heavy Duty Feed Chain Track With 1-1/2" Diameter Drive Shafts
- 5/8" Thick X 11" Wide Table Width With Replaceable UHMW Surface
- Power Raiser and Lower Hold Down Adjustment
- Hold Down Height Adjustment Hand Wheels
- Triple 1-1/2" Acme Lead Screw Jack Hold Down Carriage Height Control
- (4) Staggered Rows Of Precision Ground Hold Down Wheels
- 3" Maximum Work Piece Height
- In-Feed Safety Plate
- Cast Iron Adjustable Squaring Guide With Small Parts Operator In-Feed Safety Guide
- Adjustable Precision In-Feed Squaring Fence
- "Chip" Style In-Feed Fence With Electronic Digital Position Indicator

# CR376E

# ARCHING SHAPE AND SAND SYSTEM

## STANDARD FEATURES:

### MACHINE CONTROLS:

- Touch Screen Spindle and Feed Control Pendant
- Hold Down Carriage Power Raise and Lower Control
- (2) Emergency Stop Buttons
- Inverter Driven Motors
- Front Side Spindle Raise/Lower and In/Out Hand Wheels
- Rear Side Spindle Tilt Hand Wheels
- Electronic Digital Displays For All Spindle Settings
- Electronic Digital Fence Offset Display (In/Out)
- NEMA 12 Inverter Enclosure
- Disconnect Switch With Lock Out/Tag Out
- Wired 3-Phase, 230 Volts, 50-60 Hz.
- Crate Dimensions: 120" L X 48" D X 72" H
- Weight: 6380 lbs.

## OPTIONAL FEATURES:

- 3-Phase, 380/440 Volt Electronics, 50-60 Hz.
- Selectable Laser Jump Cope Of Hogging Shaper Spindle – Reversing
- 3" Tall Arching Of All Spindles
- Additional HSK F63 Cutter Holders, 1-1/4" Diameter X 3" Long Spindle
- Installation and Operator Training



Precision in-feed fence adjustment with electronic digital offset changes. Small part in-feed guide for small part squareness and operator in-feed safety.



Touch screen spindle and feed control with hold-down carriage power raise and lower control.

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