

DOOR AND WINDOW COPE & STICK SYSTEMS



HIGH PERFORMANCE PRODUCTION



R-10C SINGLE END COPING SYSTEM

Designed for a dedicated and accurate coping center with single or multiple part capability. Operation sequence features help eliminate costly mistakes, rejected parts and increases production efficiency. Operator safety is greatly enhanced.



STANDARD FEATURES:

- 1-1/4" Diameter Spindle
- 2-Speed, 10,000/8,000 RPM
- 5 H.P. Spindle Drive Motor, T.E.F.C.
- Dual HIWIN Precision Ways
- 17" x 20" Traveling Carriage
- Adjustable Squaring Fence
- 2" x 14" Capacity
- Solid Beam Hold Down Clamp With Rubber Foot
- Side Pressure Clamp
- Right Hand Indexing Fence With Dust Hood
- Pneumatic Carriage Stroke Lock
- PLC Controlled Clamping Cycle
- Foot Pedal Actuated Clamping Cycle
- 1/4" NPT Filter, Regulator and Lubricator
- 4" Diameter Dust Hood Outlet
- Magnetic Controls
- Wired 3-Phase, 230 Volts, 60 Hz.
- Floor Area: 36" W x 30" D
- Weight: 882 lbs.

OPTIONAL FEATURES:

- 7-1/2 H.P. Spindle Drive Motor
- 5 H.P. Single Phase Spindle Drive Motor, 220 Volts

R-1175C

SINGLE END COPING SYSTEM

Designed for coping of short runs. Digital display spindle setting features with interchangeable stack spindles help eliminate costly set-up time. Single or multiple part capability operation sequence features help eliminate costly mistakes, rejected parts and increase production efficiency. Operator safety is greatly enhanced.



STANDARD FEATURES:

- (2) 1-1/4" Interchangeable Spindle
- 6" Usable Spindle Under Nut
- 6" Vertical Spindle Travel Range
- 7-1/2 H.P. Spindle Drive Motor, T.E.F.C.
- Load Meter
- Inverter Drive Spindle Speed Control
- 8 Spindle Speeds: 3600, 4200, 5000, 5500, 6000, 7000, 8000 and 9000 RPM
- Electronic Reversing Spindle With Brake
- Digital Display Spindle Height Positioning
- 4-3/4" Maximum Cutter Diameter
- Right Hand Micro-Adjusting Index Fence
- Digital Display Index Fence Position Display
- 40" Work Height
- Dust Hood Housing With 5" Outlet
- 4" Below Table Dust Outlet
- Precision Coping Carriage
- 2" x 14" Capacity
- Dual HIWIN Precision Ways
- Squaring Fence and Chip Breaker
- Beam Hold Down With Rubber Pad
- Side Pressure Clamp
- Manual Stroke Control
- Pneumatic Carriage Stroke Lock
- PLC Controlled Clamping Cycle
- Foot Pedal Actuated Clamping Cycle
- 1/4" NPT Filter, Regulator and Lubricator
- Wired 3-Phase, 230 Volts, 60 Hz.
- Floor Area: 48" W x 40" D
- Machine Weight: 1580 lbs.

OPTIONAL FEATURES:

- Additional 1-1/4" Spindles
- 6-Cylinder Tenoning Carriage (R-1175TE)
- Powered Spindle Raise and Lower

R-1175ST STICKING SHAPER

Designed for short runs. Single short part capability allows for any length to be processed without the need of pushers or jigs. Accurate part width is controlled by the gauging fence. Both conventional and climb cutting of parts are possible. Interchangeable stackable spindles with digital spindle height display offer quick profile changeover.



STANDARD FEATURES:

- 1-1/4" Interchangeable Spindle
- 6" Usable Spindle Under Nut
- 6" Vertical Spindle Travel Range
- 7-1/2 H.P. Spindle Drive Motor, T.E.F.C.
- Load Meter
- Inverter Drive Spindle Speed Control
- 8 Spindle Speeds: 3600, 4200, 5000, 5500, 6000, 7000, 8000 and 9000 RPM
- Electronic Reversing Spindle With Brake
- Digital Display Spindle Height Positioning
- 4-3/4" Maximum Cutter Diameter
- Climb Cutting Dust Hood with 4" Outlet
- 8-Speed Short Part Power Feed System
- 3-1/2" Minimum Part Length
- 8" Maximum Part Width
- Digital Display Part Width Gauging Fence
- In-Feed and Out-Feed Tension Rollers
- 40" Work Height
- 12" UHMW Surfaced Working Surface
- Dust Hood Housing with 5" Outlet
- 4" Below Table Dust Outlet
- Wired 3-Phase, 230 Volts, 60 Hz.
- Floor Area: 48" W x 40" D
- Machine Weight: 1740 lbs.

OPTIONAL FEATURES:

- Additional 1-1/4" Spindles
- Powered Spindle Raise and Lower

R-20XY

DOUBLE SPINDLE COPING/ARCHING SHAPER

Designed for the machining or blanking of arched panels and top arched rails as well as double spindle coping. The stacked counter-rotating spindles eliminate any material blowout and increase production efficiency with fast set-up. Stackable spindles allow for quick changeover from panels to rails with the use of standard tooling.



STANDARD FEATURES:

- (2) 1-1/4" Counter-Rotating Spindles
- 5" Usable Spindle Under Nut
- Adjustable Spindle Offsets
- (2) 7-1/2 H.P. Spindle Drive Motors, T.E.F.C.
- Spindle Speeds: 6500 and 9000 RPM
- Reversing Spindles
- Pneumatic Spindle Advance/Retract
- 8" Maximum Cutter Diameter
- Pneumatic Material Register
- 40" Work Height
- Wired 3-Phase, 230 Volts, 60 Hz.
- Floor Area: 66" W x 30" D
- (2) Brushed Dust Hoods
- (2) 4" Diameter Dust Hood Outlets
- 1-1/2" x 24" Material Clamp Capacity
- Panel Centering Device
- (10) Male and Female Arched Templates
- Double Coping Fence
- Precision X and Y Axis Table Ways
- Hand Wheel Spindle Fine Adjustment
- Electronic Spindle Height Display
- Foot Actuated Machine Cycle
- 1/4" NPT Regulator
- Machine Weight: 1616 lbs.

OPTIONAL FEATURES:

- Power Raise and Lower
- HSKF63 Spindles
- Digital Display Spindle Offset
- CNC Cycle Control

R-20XTE

DOUBLE SPINDLE COPE/TENNON SHAPER

Designed as a dedicated coping/tennoning center. Single or multiple part capability. Stickered or blank parts can be run without blowout. The counter-rotating spindles eliminate any material blowout and increase production efficiency with fast set-up. Stackable spindles allow for quick pattern changeover with the use of standard or insert tooling.



STANDARD FEATURES:

- (2) 1-1/4" Counter-Rotating Spindles
- 5" Usable Spindle Under Nut
- Adjustable Spindle Offsets
- (2) 7-1/2 H.P. Spindle Drive Motors, T.E.F.C.
- Spindle Speeds: 6500 and 9000 RPM
- Reversing Spindles
- 30" Spindle Centers
- 8" Maximum Cutter Diameter
- Electronic Spindle Brake
- 40" Work Height
- Wired 3-Phase, 230/460 Volts, 60 Hz.
- Floor Area: 66" W x 30" D
- (2) Brushed Dust Hoods with 4" Outlets
- Pneumatic Spindle Advance/Retract
- 2-1/2" x 24" Material Clamp Capacity
- Right and Left Hand Material Fences
- Pneumatic Material Register
- Precision X Axis Table Ways
- Hand Wheel Spindle Height Adjustment
- Hand Wheel Spindle Offset Adjustment
- Electronic Spindle Height Display
- Foot Actuated Machine Cycle
- 1/4" NPT Regulator
- Machine Weight: 1616 lbs.

OPTIONAL FEATURES:

- Power Raise and Lower
- HSKF63 Spindles
- Mitered Corner Door Fences
- Digital Display Spindle Offset
- CNC Cycle Control

R-11PF

SHORT STOCK POWER FEEDER

Designed to provide for the power stock feeding of random part lengths from 3-1/2" minimum. The short wheel spacing allows for at least one wheel to always be engaged on short parts. Ideal for cabinet door stile and rail sticking shaper applications.



STANDARD FEATURES:

- (7) Power Fed Wheels
- 2-5/16" Wheel Centers
- Column Assembly
- Gear Box Safety Enclosure
- 8-Speed Short Part Power Feed System
- 3-1/2" Minimum Part Length
- 1 H.P. 2-Speed Drive Motor, Reversing
- Wired 3-Phase, 230 Volts, 60 Hz.

OPTIONAL FEATURES:

- 460 Volt Electronics
- Through-Feed Shaper Fence System

DISTRIBUTED BY

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