STANDARD FEATURES
• Manually operated
• Robust sawing head miters 45° left
• Bench top model - no base
• Single blade speed of 1 HP
• Manual vise
• Material work stop rod for multiple cuts of the same length
• Flood coolant with membrane pump
• One blade included

OPTIONAL FEATURES
• HSS oxide coated blades
STANDARD FEATURES

- Manually operated
- Saw head movement by means of control handle with safety spring loaded trigger switch to start and stop blade
- Robust sawing head miters 45° left and 45° right
- Includes saw base
- Two blade speed of 30 and 60 rpm
- Movement of both head and vise to permit slotting or lengthwise cuts
- Vise quick clamp and release lever
- Adjustable manual vise with anti-burr clamp, clamps both sides of the cut
- Material work stop rod for multiple cuts of the same length Flood coolant with electrical coolant pump
- One blade included

OPTIONAL FEATURES

- “Flip over” material stops with 60” ruler
- R2 ruler extensions for out feed roller tables
- Material stop with ruler
- K40 5’ roller table
- Roller table support stands (extra legs)
- Roller table adapter – required if ordering roller table for out feed
- HSS Oxide Coated Blade
C350-2AV

STANDARD FEATURES

- Manually operated
- Heavy duty sawing head with manual movement on adjustable dual precision linear rails
- Robust sawing head miters 45° left and right, and 60° left
- Four blade speeds of 15, 30, 45, and 90 rpm
- Foot pedal control with emergency stop
- Pneumatic operating vise capable of sliding on dovetail to adjust with saw head mitered position
- Enclosed steel base with chip drawer and coolant tank
- Replaceable blade brush
- Ergonomically positioned control panel includes main disconnect and LED display for machine diagnostics
- Material work stop rod for multiple cuts of the same length
- Flood coolant with electrical coolant pump
- One blade included

OPTIONAL FEATURES

- “Flip over” material stops with 60” ruler
- R2 ruler extensions for outfeed roller tables
- K40 5’ roller table
- Roller table support stands (extra legs)
- Roller table adapter – required if ordering roller table for out feed
C350-2S

STANDARD FEATURES

• Semi-automatic operation
• Heavy duty sawing head with manual movement on adjustable dual precision linear rails
• Robust sawing head miters 45° left and right, and 60° right
• Four blade speeds of 15, 30, 45, and 90 rpm
• Anti-burr clamp with double locking system
• Vertical pneumatic vise
• Pneumatic horizontal operating vise capable of sliding on dovetail to adjust with saw head mitered position
• Enclosed steel base with chip drawer and coolant tank
• Replaceable blade brush
• Ergonomically positioned control panel includes main disconnect, programmable sawing stroke, saw head feed rate control, and LED display for machine diagnostics
• Adjustable material stop with ruler
• Flood coolant with electrical coolant pump and wash down hose
• One blade included

OPTIONAL FEATURES

• Foot pedal control with emergency stop
• Second pneumatic horizontal operating vise
• Mist lubrication system
• K40 5’ roller table
• “Flip over” material stops with 60” ruler
• R2 ruler extensions for outfeed roller tables
• Roller table support stands (extra legs)
• Roller table adapter – required if ordering roller table for out feed
• HSS Oxide Coated Blade
STANDARD FEATURES

• Automatic operation
• Feed rate control dial
• Shuttle features automatic multi-indexing up to 23” in a single stroke with automatic kerf compensation. Powered by ball screw and stepper motor.
• Heavy duty sawing head with manual movement on adjustable dual precision linear rails
• Robust sawing head miters 45° left and right, and 60° left
• Variable blade speeds of 15 to 90 rpm
• Anti-burr clamp with double locking system
• Vertical pneumatic vise
• Pneumatic operating vise capable of sliding on dovetail to adjust with saw head mitered position
• Enclosed steel base with chip drawer and coolant tank
• Replaceable blade brush
• Ergonomically positioned control panel includes main disconnect, programmable sawing stroke, digital display indicates machine diagnostics and operations such as blade speed and cutting time. Store up to 99 jobs.
• Flood coolant with electrical coolant pump
• Wash down hose
• One blade included

OPTIONAL FEATURES

• Second pneumatic horizontal operating vise
• Mist lubrication system
• K40 5’ roller table
• Roller table support stands (extra legs)
• “Flip over” material stops with 60” ruler
• R2 ruler extensions for outfeed roller tables
• Roller table adapter – required if ordering roller table for out feed
• HSS Oxide Coated Blade
C370-2SI

STANDARD FEATURES
- Semi-automatic operation
- Heavy duty gear box coupled directly to saw makeup the robust saw head with manual movement on adjustable dual precision linear rails
- Robust sawing head miters 45° left and right, and 60° left
- Infinitely variable blade speed from 15-150 rpm
- Anti-burr clamp with double locking system
- Vertical pneumatic vise
- Pneumatic operating vise capable of sliding on dovetail to adjust with saw head mitered position
- Enclosed steel base with chip drawer and coolant tank
- Replaceable blade brush
- Ergonomically positioned control panel includes main disconnect, programmable sawing stroke, saw head feed rate control, and LED display for machine diagnostics
- Adjustable material stop with ruler
- Flood coolant with electrical coolant pump
- One blade included

OPTIONAL FEATURES
- Foot pedal control with emergency stop
- Second pneumatic horizontal operating vise
- Mist lubrication system
- K40 5’ roller table
- “Flip over” material stops with 60” ruler
- R2 ruler extensions for out feed roller tables
- Roller table support stands (extra legs)
- Roller table adapter – required if ordering roller table for out feed
- HSS Oxide Coated Blade
STANDARD FEATURES

• Automatic operation with semi-automatic mode
• Shuttle features automatic multi-indexing up to 40” in a single stroke with automatic kerf compensation. Powered by ball screw and stepper motor.
• Shuttle feed carriage designed with side movement to help feed and center deformed parts.
• Variable speed drive from 15 to 150 rpm’s for the best cutting efficiency
• Vertical pneumatic vise
• Extended jaws allow for short remnant
• Heavy duty sawing head movement controlled by electro mechanic cylinder. Head moves on adjustable dual precision linear rails
• Robust sawing head miters 45° left and right, and 60° left
• 7.5 HP blade drive coupled directly to saw head guarantees high rigidity and precision to obtain high chip removal rates.
• Pneumatic operating vise capable of sliding on dovetail to adjust with saw head mitered position
• Enclosed steel base with chip drawer and coolant tank
• Replaceable blade brush
• Ergonomically positioned control panel includes emergency stop, programming console, digital display for machine diagnostics, as well as cutting parameters: blade speed, cut time, and cut quantity. Store up to 32 jobs.
• Flood coolant system with electrical coolant pump
• One blade included

OPTIONAL FEATURES

• Automatic mitering
• CB6001 automatic incline loading table
• Second pneumatic horizontal operating vise
• Automatic chip conveyor
• Mist lubrication system
STANDARD FEATURES

- Automatic operation
- Shuttle features automatic multi-indexing up to 40° in a single stroke with automatic kerf compensation. Powered by ball screw and stepper motor.
- Head stroke is set directly from control panel
- Two blade speeds achieve speeds of 1700 or 3400 rpm
- Warning indicator with flashing light in case cycle stops
- Pneumatic vertical vise
- Robust sawing head miters 45° left and right, and 60° left
- Heavy duty sawing head movement controlled by pneumatic cylinder. Head moves on adjustable dual precision linear rails
- 6 HP blade drive coupled directly to saw head guarantees high rigidity and precision to obtain high chip removal rates.
- Pneumatic horizontal operating vise capable of sliding on dovetail to adjust with saw head mitered position
- Enclosed steel base coolant tank
- Replaceable blade brush
- Ergonomically positioned control panel includes emergency stop, programming console, digital display for machine diagnostics, as well as cutting parameters: blade speed, cut time, and cut quantity. Store up to 32 jobs.
- Automatic mist lubrication activates during the cut

OPTIONAL FEATURES

- Automatic mitering
- CB6001 automatic incline loading table
- Foot pedal with e-stop
- T2500 chip collector
- Double suction system
- Short remnant
PNF350-2AV

STANDARD FEATURES

- Manual saw head movement by means of control handle with a safety spring loaded trigger switch to start or stop blade
- Robust sawing head can tilt 45° left for compound miter cutting
- Two blade speeds achieve speeds of 1700 or 3400 rpm
- Rotating table mounted on large roller bearings. Features stops at 90° and 45°.
- Two pneumatic operating vises, capable of sliding in or away from the blade to adjust saw head in mitered position
- Vises are equipped with moveable aluminum jaws which can be adjusted vertically
- 3.5/5 HP blade drive coupled directly to saw head guarantees high rigidity and precision to obtain high chip removal rates.
- Safety head locking device ensures two hand operation
- Automatic coolant lubrication activates during the cut
- One carbide tipped blade included

OPTIONAL FEATURES

- T2500 chip collector
- Pneumatic vertical vise
- Material stop with ruler
- Roller table & accessories

Photos may show optional equipment.
STANDARD FEATURES

• Semi-automatic operation
• Pneumatic operating saw head and vises, activated by push button control panel
• Robust sawing head can tilt 45° left for compound miter cutting
• Two blade speeds achieve speeds of 1700 or 3400 rpm
• Rotating table mounted on large roller bearings. Features stops at 90° and 45°.
• Two pneumatic operating vises, capable of sliding in or away from the blade to adjust saw head in mitered position
• Vises are equipped with moveable aluminum jaws which can be adjusted vertically
• 3.5/5 Hp blade drive coupled directly to saw head guarantees high rigidity and precision to obtain high chip removal rates.
• Cutting area enclosed behind protective cover which swings up for loading material
• Automatic coolant lubrication activates during the cut
• One carbide tipped blade included

OPTIONAL FEATURES

• Material stop with ruler
• Foot pedal with e-stop
• T2500 chip collector
• Pneumatic vertical vise
• Roller table & accessories
STANDARD FEATURES

• Automatic and semi-automatic operation
• Shuttle features automatic multi-indexing up 23” in a single stroke with automatic kerf compensation. Powered by ball screw and stepper motor.
• Pneumatic operating saw head feed with regulating dial for feed rate on control panel
• Robust sawing head can tilt 45° left for compound miter cutting
• Two blade speeds achieve speeds of 1700 or 3400 rpm
• Vises are equipped with moveable aluminum jaws which can be adjusted vertically
• Rotating table mounted on large roller bearing to achieve smooth and precise miter cutting. Features stops at 90° and 45° plus screw locking system to lock head at desired degree.
• Two pneumatic operating vises, capable of sliding in or away from the blade to adjust saw head in mitered position
• 3.5/5 Hp blade drive coupled directly to saw head guarantees high rigidity and precision to obtain high chip removal rates.
• Cutting area enclosed behind protective cover which swings up for loading material
• Ergonomically positioned control panel mounted on an articulating arm, with protected membrane buttons for operation control. Includes emergency stop, set or view machine diagnostics and operations such as saw stroke limits and speed, cutting programs, digital display of programs, blade speed, cycle time along with 40 different machine diagnostics and warnings. Store up to 99 jobs.
• One carbide tipped blade included

OPTIONAL FEATURES

• T2500 chip collector
• Short remnant
• Mist lubrication system
• Roller table & accessories
## SPECIFICATIONS

<table>
<thead>
<tr>
<th></th>
<th>P225</th>
<th>P350</th>
<th>C350-2AV</th>
<th>C350-2S</th>
</tr>
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<tbody>
<tr>
<td>Round Hollow</td>
<td>90°</td>
<td>2 1/2&quot; / 63.5 mm</td>
<td>4 1/2&quot; / 114 mm</td>
<td>4 1/2&quot; / 114 mm</td>
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<td>Square Hollow</td>
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<td>2 1/2&quot; x 2&quot; / 63.5 mm x 51 mm</td>
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<td>3 HP / 2.2 kW</td>
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<td>Blade Speed</td>
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<td>15/30/60 rpm / 900/1800/3600 rpm</td>
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<td>Max. 14&quot; Min. 12&quot; / Max. 355 mm Min. 305 mm</td>
<td>Max. 14&quot; Min. 12&quot; / Max. 355 mm Min. 305 mm</td>
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<td>4 1/2&quot; / 110 mm</td>
<td>4 3/4&quot; / 121 mm</td>
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<td>7&quot; x 3 3/4&quot; / 178 mm x 95 mm</td>
<td>7&quot; x 4&quot; / 178 mm x 101 mm</td>
<td>7&quot; x 4&quot; / 178 mm x 101 mm</td>
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<td>7.5 HP / 5.5 kW</td>
<td>7.5 HP / 5.5 kW</td>
<td>6 HP / 4.4 kW</td>
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<tr>
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<td>15-150 rpm</td>
<td>15-150 rpm</td>
<td>1700 and 3400 rpm</td>
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<td>PNF350-2CNC</td>
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<td>4 3/4&quot; / 120 mm</td>
<td>4 3/4&quot; / 120 mm</td>
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<td>Square Hollow</td>
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<td>4&quot; / 101 mm</td>
<td>4&quot; / 101 mm</td>
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<td>7&quot; x 2 3/4&quot; / 178 mm x 70 mm</td>
<td>7&quot; x 2 3/4&quot; / 178 mm x 70 mm</td>
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<tr>
<td>Blade Drive</td>
<td>3.5/5 HP / 2.6/3.7 kW</td>
<td>3.5/5 HP / 2.6/3.7 kW</td>
<td>3.5/5 HP / 2.6/3.7 kW</td>
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<td>1700 and 3400 rpm</td>
<td>1700 and 3400 rpm</td>
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In line with HYDMECH's policy of on-going product improvement, we reserve the right to modify features and specifications.
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