10 Great Reasons for Buying a Circular Saw

Price - Economical purchase price
Simple Operation - Uncomplicated and very easy to understand and use
Maintenance - Proper maintenance is simple, and very little required
Size - Compact and take up very little room in your shop
Cost Per Cut - Saw blades can be resharpened and retoothed
Finish - High quality surface finish with burr free cuts
Squareness of Cut - Saw blade is a very rigid tool holding very accurate squareness tolerances
Time of Cut - Circular saw cutting times are very fast
Miter and Angles - Easy and accurate with minimum set up time
Versatility - The above listed characteristics make this machine the most versatile in your shop

Examples of cut materials

Double Vise Assembly - Provides holding power on both sides of the cut for burr free operation. (Models C300, C315/350). Model C315/350 vise also mounted on slide assembly to allow optimum positioning of workpiece relative to blade

Capacities shown are max cutting envelope. Each individual type and shape of material, and quantity of piece per day...
Vertical Column machines provide the construction that is the most stable of all cold saws. This means superior sawframe guidance and vibration-free sawing, and greater accuracy throughout the entire life of the machine. The sawframe is quickly and accurately swiveled to any angle up to 45 degrees left or 60 degrees right, with a highly visible scale for optimum accuracy returning to zero.

The sawframe feed is rack & pinion which means you can easily pull through heavy workpieces effortlessly.

The Model C316 is a step up from hinge type construction and may be used for production of tubes and profiles and small solids.

The Model C370 may be used to cut solid mild steel to the maximum capacity.

### ICATIONS

<table>
<thead>
<tr>
<th>Model</th>
<th>C300</th>
<th>C315/350</th>
<th>C316</th>
<th>C370</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hinge Type</td>
<td>Hinge Type</td>
<td>Vertical Column</td>
<td>Vertical Column</td>
<td></td>
</tr>
<tr>
<td>12” (300 mm)</td>
<td>14” (350 mm)</td>
<td>12 ⅜” (315 mm)</td>
<td>14 ⅜” (370 mm)</td>
<td></td>
</tr>
<tr>
<td>3 HP</td>
<td>3.5 HP</td>
<td>2.5 HP</td>
<td>4 HP</td>
<td></td>
</tr>
<tr>
<td>50</td>
<td>24-105</td>
<td>N/A</td>
<td>N/A</td>
<td></td>
</tr>
<tr>
<td>33 &amp; 66</td>
<td>30 &amp; 60</td>
<td>17 &amp; 33</td>
<td>18 &amp; 36</td>
<td></td>
</tr>
<tr>
<td>2 Gallons</td>
<td>3 Gallons</td>
<td>4 Gallons</td>
<td>4 Gallons</td>
<td></td>
</tr>
<tr>
<td>32 mm</td>
<td>32 mm</td>
<td>40 mm</td>
<td>40 mm</td>
<td></td>
</tr>
<tr>
<td>6 ⅛”</td>
<td>6 ⅛”</td>
<td>7 ⅛”</td>
<td>7 ⅛”</td>
<td></td>
</tr>
<tr>
<td>38.50”</td>
<td>39.75”</td>
<td>36.25”</td>
<td>36.25”</td>
<td></td>
</tr>
<tr>
<td>20 w x 22 deep</td>
<td>23 w x 24 deep</td>
<td>25 w x 31 deep</td>
<td>25 w x 31 deep</td>
<td></td>
</tr>
<tr>
<td>400 lb</td>
<td>650 lb</td>
<td>800 lb</td>
<td>900 lb</td>
<td></td>
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</tbody>
</table>

### Standard Equipment

- One Saw Blade
- Heavy-Duty Precision-Ground Saw Bed
- Electricals to NFPA-79 Electrical Standards
- Heavy-Duty Drive, TEFC Motors
- Totally Enclosed Transmission
- Full Coolant System
- Full Blade Guarding, Easily Removed
- Operators Tools
- Operators Manual/Parts List
- Powered Rotary Cleaning Brush*

*Note: Model C370 only

See Accessories - Back Page
Models C320SA and C360SA vertical column cold saws are equipped with simple economical controls for high volume sawing. The operators console is simple and setup is easy.

Models C320SA may be used for production of tubes and profiles and small solids.

The Model C360SA may be used to cut solid mild steel to the maximum capacity.

### SPECIFICATIONS

<table>
<thead>
<tr>
<th></th>
<th>C320SA</th>
<th>C360 &amp; 370SA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Max Blade Diam.</td>
<td>12 ⅛” (315mm)</td>
<td>14 ⅝” (370mm)</td>
</tr>
<tr>
<td>Horsepower</td>
<td>2 ½ HP</td>
<td>4 HP</td>
</tr>
<tr>
<td>Spindle RPM (2 speed)</td>
<td>17 &amp; 33</td>
<td>18 &amp; 36 (C360)</td>
</tr>
<tr>
<td>Infinitely Variable</td>
<td>17-66</td>
<td>13-76 (C370)</td>
</tr>
<tr>
<td>Coolant Capacity</td>
<td>4 gallons</td>
<td>4 gallons</td>
</tr>
<tr>
<td>Spindle Diameter</td>
<td>40 mm</td>
<td>40 mm</td>
</tr>
<tr>
<td>Max Vise Opening</td>
<td>7 ¼”</td>
<td>7 ¼”</td>
</tr>
<tr>
<td>Material Working Ht.</td>
<td>36.25</td>
<td>36.25</td>
</tr>
<tr>
<td>Floor Footprint</td>
<td>25 w x 31 deep</td>
<td>25 w x 31 deep</td>
</tr>
<tr>
<td>Air Requirements</td>
<td>60-100 psi, 2 cfm</td>
<td>60-100 psi, 2 cfm</td>
</tr>
<tr>
<td>Shipping Weight</td>
<td>900 lb</td>
<td>1000 lb (C360)</td>
</tr>
<tr>
<td></td>
<td>1200 lb (C370)</td>
<td></td>
</tr>
<tr>
<td>Capacities (in.)</td>
<td>4 3 ½ 3 x 5 ¾</td>
<td>4 4 4 x 7</td>
</tr>
<tr>
<td>90°</td>
<td>4 3 ½ 3 x 5 ¾</td>
<td>4 4 4 x 7</td>
</tr>
<tr>
<td>45° l</td>
<td>4 3 ½ 3 x 4</td>
<td>4 4 4 x 5</td>
</tr>
<tr>
<td>45° r</td>
<td>4 3 ½ 3 x 4</td>
<td>4 4 4 x 5</td>
</tr>
<tr>
<td>60° r</td>
<td>3 ½ 3 2 ¾ x 4</td>
<td>4 4 3 ½ x 3 ½</td>
</tr>
</tbody>
</table>

**Standard Equipment All Models**
- One Saw Blade
- Heavy-Duty Precision-Ground Saw Bed
- Electricals to NFPA-79 Electrical Standards
- Heavy-Duty Drive, TEFC Motors
- Totally Enclosed Transmission
- Full Blade Guarding, Easily Removed
- Operators Tools
- Operators Manual/Parts List
- Powered Rotary Cleaning Brush*

*Note: Model C370 only

**Capacities shown are max cutting envelope. Each individual cutting job must be considered with regards to type and shape of material, and quantity of piece per day**
The Model C370 SA-V machine is the ultimate semi-automatic production sawing machine. A full control system provides important sawing data such as:
- Blade Drive Amps during operation
- Blade Life
- Cycle Timer
- Piece Counter
- Digital Blade Speed Readout
- Diagnostics

The operators console features soft-touch controls for all setup and sawing operations.

Infinitely variable blade speeds and infinitely variable vise clamping pressure are standard equipment.
The CT 350 Series Machines are High Speed Circular Saws for aluminum extrusions and other non-ferrous materials. These machines feature swiveling capability for mitering and swiveling/tilting capability for compound mitering.

**Model CT 350 AV** - Manual sawing operation with two quick clamping of air vises

**Model CT 350 SA** - Semi-automatic operation, with air over hydraulic system providing optimum sawing rates with minimum effort by the operator. Optimum cutting rates are yielded with controls over the sawing pressure and sawing speed. Air vises are equipped with infinitely variable clamping pressure to prevent distortion of structural.

The powerful operators control system provides important sawing data such as:
- Blade Drive Amperage during operation
- Blade Life
- Cycle Times
- Number of Cut Pieces
- Digital Blade Speed Readout
- Diagnostics

The operators console features soft-touch controls for all setup and sawing operations.

### Specifications

**CT 350 AV**
- Manual with Air Vises

**Standard Equipment Includes:**
- TEFC Motors
- 24 Volt Controls
- Carbide Tipped Blade (350MM)
- Heavy Duty Drive
- Built in Spray Mist Coolant
- Preset Stops, 0°, 15°, 30°, 45°
- Removable Extruded Special Jaws
- Built in 4" Diam. Vacuum Spout
- Length Stop Assembly
- All Safety Guards
- Operator Manual/Parts List

**CT 350 SA** only:
- Semi-automatic Operation
- Disconnect Switch
- Hydraulic Oil
- Variable Vise Clamping Pressure
- Blade Speed Indicator
- Work Height/Depth Controls

**Maximum Vise Opening** ....... 8.0”
- Vises............................. Two Air Vises
- Blade Speeds (2)................. 1800 & 3600
- Blade Specifications............. 14” (350MM)
- Motor.............................. Blade Drive 2.5 H.P.
- Work Height...................... 34.25 inches
- Net Weight........................ CT 350 AV, 550 pounds
- CT 350 SA, 700 pounds
- Machine Dimensions.............. across front, 43” (CT 350 SA) across front, 32” (CT 350 AV) front to back, 36” height, 44”

**Recommended Capacities.....**
- Round.............................. 4.75”
- @45° right......................... 4.5”
- @45° left......................... 4.5”
- @45° vert. left............... 3.0”

- Square............................ 4.5”
- @45° right......................... 4.0”
- @45° left......................... 4.0”
- @45° vert. left........... 2.75”

- Rectangular.................... 3.5” X 7.5” wide
- @45° right......................... 2.75” X 5.9”
- @45° left......................... 2.75” X 5.9”
- @45° vert. left........... 2.25” X 7.0”

**Standard Equipment**
- All Models
  - One Saw Blade
  - Heavy-Duty Precision-Ground Saw Bed
  - Electricals to NFPA-79
  - Electrical Standards
  - Heavy-Duty Drive, TEFC Motors
  - Totally Enclosed Transmission
  - Full Spray Mist Coolant System
  - Full Blade Guarding, Easily Removed
  - Operators Tools
  - Operators Manual/Parts List

**Note:** Design specifications subject to change without notice
The CT350 Series is designed for high volume sawing, and this means a lot of chips. Our vacuum system is specifically engineered with extra filters and baffles to keep aluminum chips segregated from the vacuum blades. When system is ordered with CT350SA, the controls automatically turn on & off with the blade, or constantly ‘on’. Unit sits on 55 gal drum (you supply). 1100 cfm unit will dispose of majority (not all) of chips generated.
**ACCESSORIES**

- **Custom Roller Conveyor w/micro-adjustable legs**, mounted to machine, 5’ and 10’ lengths available.

- **Accu-cut custom length system Stop with scale, micro-adjustable legs.**

- **Custom worktable/conveyor w/micro-adjustable legs**, mounted to machine. Cover plates between rollers provide worktable surface 72” and 144” lengths available.

- **Custom worktable/conveyor with Accu-cut custom length system Stop with scale, micro-adjustable legs 72” and 144” lengths available**

- **Vertical Side Guide Rollers**
  For Custom conveyors only

- **Freestanding Roller Conveyors** 5’ and 10’ lengths available

- **Pneumatic Top Clamp**
  Semi-automatic models only

- **Footswitch**
  Semi-automatic models only