EVERETT ABRASIVE CUT-OFF Machines & Wheels

Visit our web site: www.everettindustries.com
DISCONTINUED / PARTS only

Use 10" steel blade and oiler to cut copper, aluminum, DWV tubing, plastic and nonferrous materials.

10" Abrasive Mitering Cut-Off

Mitering work back stop and vise jaw adjust to cut any miter up to 45°. Calibrated scale to locate proper position for vise rear fence. Vise jaw automatically adjusts.

Complete with 3 H.P. TEFC motor and swivel vise (specify voltage/phase/hertz when ordering SEE CHART AT RIGHT) ........................................... 10012F
Adjustable outboard support (see page 17) ........................................... 109403
Steel stand (see page 4) ................................................................. 109100
Drip oiler (for cutting nonferrous materials) ...................................... 109501
10" high speed steel blade ............................................................. 109504

Use Sever it with Everett Abrasive Cut Off Wheels for more cuts per dollar.

Prices and design subject to change without notice.
## Specifications

<table>
<thead>
<tr>
<th></th>
<th>8&quot; MACHINE</th>
<th>10&quot; MACHINE</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Wheel Capacity</strong></td>
<td>8&quot; wheel</td>
<td>10&quot; wheel</td>
</tr>
<tr>
<td><strong>Arbor Shaft</strong></td>
<td>1/2&quot; arbor</td>
<td>5/8&quot; arbor</td>
</tr>
<tr>
<td><strong>Drive</strong></td>
<td>Single</td>
<td>Dual</td>
</tr>
<tr>
<td></td>
<td>Raw edge sure grip &quot;V&quot; belts with steel sheaves.</td>
<td></td>
</tr>
<tr>
<td><strong>Capacity</strong></td>
<td>1&quot; solid</td>
<td>1 1/2&quot; solid</td>
</tr>
<tr>
<td></td>
<td>1 1/2&quot; pipe</td>
<td>2&quot; pipe</td>
</tr>
<tr>
<td></td>
<td>10&quot; miter saw only most 1 3/4&quot; shapes @ 45°</td>
<td></td>
</tr>
<tr>
<td><strong>Spindle Bearings</strong></td>
<td>Precision sealed ball bearings. Lubricated for life.</td>
<td></td>
</tr>
<tr>
<td><strong>Safety Guards</strong></td>
<td>Cut-off wheel and guards exceed safety code requirements. Improved spark arrestors to deflect sparks.</td>
<td></td>
</tr>
<tr>
<td><strong>Stop</strong></td>
<td>Adjustable down stop limits depth of chop stroke.</td>
<td></td>
</tr>
</tbody>
</table>

### Shipping weight

<table>
<thead>
<tr>
<th></th>
<th>8&quot;</th>
<th>10&quot;</th>
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</thead>
<tbody>
<tr>
<td>MACHINES</td>
<td>3 phase 52 lbs.</td>
<td>3 phase 77 lbs.</td>
</tr>
<tr>
<td></td>
<td>1 phase 65 lbs.</td>
<td>1 phase 87 lbs.</td>
</tr>
<tr>
<td>10 WHEELS</td>
<td>7 lbs.</td>
<td>9 lbs.</td>
</tr>
</tbody>
</table>

### VOLTAGE CODES

<table>
<thead>
<tr>
<th>Code</th>
<th>Voltage</th>
<th>Phase</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>115/1/60</td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>230/1/60</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>208/3/60</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>230/3/60</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>380/3/50</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>460/3/60</td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>575/3/60</td>
<td></td>
</tr>
</tbody>
</table>

OTHER VOLTAGES AVAILABLE PLEASE CALL FOR INFO

Prices and design subject to change without notice.
**12" Abrasive Cut-Off**

**Specifications**

- **Wheel Capacity**
  12" diameter

- **Arbor Shaft**
  1 inch

- **Motor**
  Special hi-torque totally-enclosed fan-cooled 5 H.P. 1 or 3 phase.

- **Starter**
  Magnetic with thermal overload.

- **Drive**
  Positive timing belt.

- **Spindle Bearings**
  Heavy-duty sealed ball bearings. Lubricated for life.

- **Capacity**
  1/3" solids, 3" pipe.

- **Safety Guards**
  Cut-off wheel and belt guards exceed safety code requirements.

- **Vise**
  "V" shaped to hold various shaped materials in best cutting position. Hold down chain foot pedal operated. **Air operation optional.**

- **Stop**
  Adjustable down stop limits depth of chop stroke.

- **Options**
  - Patented Dust Collector and Fume Exhauster (see page 17.)
  - Double Action Cam Lock Vise
    4 = 380/3/50
  - Work Length Gage (see page 17)............129401
  - Adjustable outboard support (see page 17)............129403
  - Hood (for use with cabinet base or dust collector)............129010

**VOLTAGE CODE**

Replace “F” in part number to indicate proper voltage/phase/hertz

- 1 = 230/1/60
- 2 = 208/3/60
- 3 = 230/3/60
- 4 = 380/3/50
- 5 = 440/3/60
- 7 = 575/3/60

**EVERETT Abrasive cut-off wheels and machines are AMERICAN MADE AND PROUD OF IT!**

Prices and design subject to change without notice.

**DISCONTINUED / PARTS only**
12" Abrasive - Mitering Cut-Off

Specifications
Wheel Capacity
12" diameter.

Arbor Shaft
1 inch.

Motor
Special hi-torque totally-enclosed fan-cooled 5 H.P. 1 or 3 phase.

Starter
Magnetic with thermal overload.

Drive
Positive timing belt.

Spindle Bearings
Heavy-duty sealed ball bearings.
Lubricated for life.

Capacity
1 3/4" solids. 3" pipe.
45° - most 2 1/4" shapes.

Safety Guards
Cut-off wheel and belt guards exceed safety code requirements.

Vise
Manually operated. Opens to 3 1/2".

Stop
Adjustable down stop limits depth of chop stroke.

Mitering
Cutting head can swivel 45° left of center.
Indicators for 15°, 30° and 45°. Cutting head and pedestal are mounted on a rugged swing arm secured in lubricated-for-life bearings. Lock to hold desired angle is quick and easy to operate.

Options
Patented Dust Collector and Fume Exhauster
(See page 17.)

Quick-Action Cam Lock Vise

Hood

Shipping Weight
150 lbs. 275 with cabinet base.
10 wheels, 14 lbs.

Use Everett 45FG Abrasive cut-off wheels for long life

Prices and design subject to change without notice.

DISCONTINUED / PARTS only
14"-16" Abrasive Cut-Off

Specifications
Wheel Capacity
14" or 16" diameter.

Arbor Shaft
1 inch.

Motor
Special hi-torque totally-enclosed fan-cooled 7 1/2 or 10 H.P.

Starter
Magnetic with thermal overload.

Drive
Multiple “V” belt, rawedge sure grip, automotive type.

Spindle Bearings
Heavy-duty sealed ball bearings. Lubricated for life.

Capacity
2" solids. Most 5" shapes.

Safety Guards
Cut-off wheel and belt guards exceed safety code requirements.

Air operation optional.

Stop
Adjustable down stop limits depth of chop stroke.

Options
10 H.P. TEFC Motor
Hydraulic Power Head
Hydraulic feed control for smooth, accurate cutting edge.

Patented Electronic Wheel Wear Compensator
(See page 16.)

Patented Dust Collector and Fume Exhauster
(See page 17.)

Double Action Cam Lock Vise
Opens to 3 1/2" (See inset page 4.)

Double Action Air Vise

Air Operated Work Length Gage
Shipping Weight 245 lbs. 10 wheels, 30 lbs.

HORSEPOWER AND VOLTAGE CODES
FOR H.P. REPLACE “E” WITH
4 = 7 1/2 HP  5 = 10 HP
FOR VOLTAGE REPLACE “F” WITH
1 = 230/1/60 (Available only with 7-1/2 HP)
2 = 208/3/60  3 = 230/3/60
4 = 380/3/50  5 = 440/3/60  7 = 575/3/60
CALL FOR OTHERS

Our application engineers will be happy to discuss your specific needs.

Prices and design subject to change without notice.

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<table>
<thead>
<tr>
<th>Size</th>
<th>Material</th>
<th>Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>1&quot;</td>
<td>Angle Iron</td>
<td>2 sec.</td>
</tr>
<tr>
<td>2&quot;</td>
<td>Angle Iron</td>
<td>4 sec.</td>
</tr>
<tr>
<td>2 1/2&quot;</td>
<td>Cold Roll Solid</td>
<td>7 sec.</td>
</tr>
</tbody>
</table>

Dry Cutting Speeds (average)

Featured with optional dust collector, fume exhauster (patented), cabinet base and hood.
14"-16" Abrasive-Mitering Cut-Off

Specifications

Wheel Capacity
14" or 16" diameter.

Arbor Shaft
1 inch.

Motor
Special hi-torque totally-enclosed fan-cooled 7 1/2 or 10 H.P.

Starter
Magnetic with thermal overload.

Drive
Multiple "V" belt, rawedge sure grip, automotive type.

Spindle Bearings
Heavy-duty sealed ball bearings. Lubricated for life.

Capacity
2" solids. Most 5" shapes.
45° - most 1 3/4" solids. Most 3" shapes.

Safety Guards
Cut-off wheel and belt guards exceed safety code requirements.

Vise
Quick action cam lock.

Air operation optional.

Stop
Adjustable down stop limits depth of chop stroke.

Mitering
Cutting head can swivel 45° left of center. Indicators for 15°, 30° and 45°. Cutting head and pedestal are mounted on rugged swinging knee secured in lubricated-for-life bearings. Lock to hold desired cutting angle is quick and easy to operate.

Outboard support
To left of vise.

Options

10 H.P. TEFC Motor
Patented Dust Collector
And Fume Exhauster
(See page 17.)

Single Action Air Vise
Air operated work length gage
Shipping Weight
490 lbs. 10 wheels, 30 lbs.

Prices and design subject to change without notice.

Our application engineers will be happy to discuss your specific needs.
20"-22" Abrasive Cut-Off

Specifications
Wheel Capacity
20" or 22" diameter.
Arbor Shaft
1 inch.
Motor
Special hi-torque totally-enclosed fan-cooled 10 or 20 H.P. 3 phase.
Starter
Magnetic with thermal overload.
Drive
Multiple “V” belt, rawedge sure grip, automotive type.
Spindle Bearings
Heavy-duty sealed ball bearings. Lubricated for life.
Capacity
3” solids. Most 7” shapes.
Safety Guards
Cut-off wheel and belt guards exceed safety code requirements.
Vise
“V” shaped chain holddown vise. Holds various shaped materials.
Air operation optional.
Stop
Adjustable down stop limits depth of chop stroke.
Options
Hydraulic Power Head
With hydraulic feed control valve for smooth, accurate cutting speed.
Electronic Wheel Wear Compensator
(See page 12.)
Exclusive Vibra-Action OSCILLATION
For improved cutting, reduced burr and longer wheel life. Increases capacity.
(See page 12.)
Work Length Gage
Automatically swings up out of the way when the part is clamped.
Hood.
Shipping Weight
500 lbs. 10 wheels, 52 lbs.

Use only Everett fiberglass reinforced abrasive wheels.

<table>
<thead>
<tr>
<th>Size</th>
<th>Material</th>
<th>Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>2”</td>
<td>Steel Pipe</td>
<td>2 sec.</td>
</tr>
<tr>
<td>4”</td>
<td>C.I. Soil Pipe</td>
<td>4 sec.</td>
</tr>
<tr>
<td>2”</td>
<td>Stainless Steel</td>
<td>8 sec.</td>
</tr>
<tr>
<td>3”</td>
<td>Cold Rolled Steel</td>
<td>21 sec.</td>
</tr>
<tr>
<td>4”</td>
<td>Steel Channel</td>
<td>6 sec.</td>
</tr>
</tbody>
</table>

HORSEPOWER AND VOLTAGE CODES
FOR H.P. REPLACE “E” WITH
5 = 10 HP  6 = 20 HP
FOR VOLTAGE REPLACE “F” WITH
2 = 208/3/60  3 = 230/3/60
4 = 380/3/50  5 = 440/3/60
7 = 575/3/60 CALL FOR OTHERS

Dry Cutting Speeds (average)

The Severit With Everett 23020FG abrasive cutoff wheels are an excellent freer cutting wheel for dry cutting powerhead machines.

Prices and design subject to change without notice.
20”-22” Abrasive Mitering Cut-Off

Specifications

Wheel Capacity
20” or 22” diameter.

Arbor Shaft
1 inch.

Motor
Special hi-torque totally-enclosed fan-cooled 10 or 20 H.P. 3 phase.

Starter
Magnetic with thermal overload.

Drive
Multiple “V” belt, rawedge sure grip, automotive type.

Spindle Bearings
Heavy-duty sealed ball bearings. Lubricated for life.

Capacity
90° 3” solids. Most 6” shapes. 30° - 45° 2 1/2” solids, most 4” shapes.

Safety Guards
Cut-off wheel and belt guards exceed safety code requirements.

Vise
Air operated chain holdown vise.

Stop
Adjustable down stop limits depth of chop stroke.

Miter
Cutting head swivels 60° right of center. Cutting head and pedestal are mounted on a rugged swinging knee secured in lubricated-for-life bearings. Lock to hold desired angle is quick and easy to operate.

Options

Hydraulic Power Head
With hydraulic feed control valve for smooth, accurate cutting speed.

Electronic Wheel Wear Compensator
(See page 16.)

OSCILLATION
(See page 12.)

Work Length Gage
Automatically swings up out of the way when the part is clamped.

Dust Collector and Fume Exhauster
Hood

Shipping Weight
760 lbs. 10 wheels, 52 lbs.

Prices and design subject to change without notice.

Dry Cutting Speeds (average)

<table>
<thead>
<tr>
<th>Size</th>
<th>Material</th>
<th>Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>2”</td>
<td>(90°) Steel Pipe</td>
<td>5 sec.</td>
</tr>
<tr>
<td>4”</td>
<td>(90°) Steel Channel</td>
<td>10 sec.</td>
</tr>
<tr>
<td>2”</td>
<td>(45°) Steel Pipe</td>
<td>8 sec.</td>
</tr>
<tr>
<td>1”</td>
<td>(45°) Cold Rolled Steel</td>
<td>3 sec.</td>
</tr>
</tbody>
</table>

 Featured with optional hydraulic powerhead, dust collector/fume exhauster.

Use only Everett fiberglass reinforced abrasive wheels.

We make our own wheels and the wheel grade you need.
16" Abrasive Double-Mitering Cut-Off

Specifications

Wheel Capacity
16" diameter.

Arbor Shaft
1 inch.

Motor
Special hi-torque totally-enclosed fan-cooled 7 1/2 or 10 H.P. 3 phase.

Starter
Magnetic with thermal overload.

Drive
Multiple "V" belt, rawedge sure grip, automotive type.

Spindle Bearings
Heavy-duty sealed ball bearings. Lubricated for life.

Capacity
90° - 2" solids - Most 5" shapes.
30° - 45° - 1 3/4" solids - Most 3" shapes.

Safety Guards
Cut-off wheel and belt guards exceed safety code requirements.

Vise
Air operated dual chain holddown vise.
Holds on both sides of the cut-off wheel.

Stop
Adjustable down stop limits depth of chop stroke.

Mitering
Cutting head can swivel 45° either right or left of center. Cutting head and pedestal are mounted on a rugged swinging knee secured in lubricated-for-life bearings. Lock to hold desired cutting angle is quick and easy to operate.

Options

Hydraulic Power Head
With hydraulic feed control valve for smooth, accurate cutting speed.

Patented Electronic Wheel Wear Compensator
(See page 16.)

Work Length Gage
Automatically swings up out of the way when the part is clamped.

Hood

Shipping Weight
480 lbs.  10 wheels, 30 lbs.

HORSEPOWER AND VOLTAGE CODES
FOR H.P. REPLACE “E” WITH
4 = 7 1/2 HP  5 = 10 HP
FOR VOLTAGE REPLACE “F” WITH
1= 230/1/60 (Available only with 7-1/2 HP)
2 = 208/3/60   3 = 230/3/60
4 = 380/3/50   5 = 440/3/60
7 = 575/3/60   CALL FOR OTHERS

Dry Cutting Speeds (average) 90°

<table>
<thead>
<tr>
<th>Size</th>
<th>Material</th>
<th>Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>1&quot;</td>
<td>Angle Iron</td>
<td>2 sec.</td>
</tr>
<tr>
<td>2&quot;</td>
<td>Angle Iron</td>
<td>4 sec.</td>
</tr>
<tr>
<td>2&quot;</td>
<td>Cold Rolled Pipe</td>
<td>7 sec.</td>
</tr>
<tr>
<td>1 1/2&quot;</td>
<td>Pipe</td>
<td>3 sec.</td>
</tr>
</tbody>
</table>

Prices and design subject to change without notice.
20"-22" Abrasive Double-Mitering Cut-Off

Features:
- Air operated dual chain holddown vise
- Adjustable down stop limits depth of chop stroke
- Cutting head swivels 45° to right or left center
- Lock to hold desired angle is quick and easy to operate
- Hydraulic Power Head
- Electronic Wheel Wear Compensator (See page 16.)
- Exclusive Vibra-Action OSCILLATION (See page 12.)
- Work Length Gage
- Hose

Specifications
- Wheel Capacity
  - 20" or 22" diameter.
- Arbor Shaft
  - 1 inch.
- Motor
  - Special hi-torque totally-enclosed fan-cooled 10 or 20 H.P. 3 phase
- Starter
  - Magnetic with thermal overload.
- Drive
  - Multiple "V" belt, rawedge sure grip, automotive type.
- Spindle Bearings
  - Heavy-duty sealed ball bearings. Lubricated for life.
- Capacity
  - 90° 3" solids. Most 6" shapes.
  - 30° - 45° 2 1/2" solids, most 4" shapes.
- Safety Guards
  - Cut-off wheel and belt guards exceed safety code requirements.
- Vise
  - Air operated dual chain holddown vise. Holds on both sides of the cut off wheel.
- Stop
  - Adjustable down stop limits depth of chop stroke.
- Miter
  - Cutting head swivels 45° to right or left center. Cutting head and pedestal are mounted on a rugged swinging knee secured in lubricated-for-life bearings. Lock to hold desired angle is quick and easy to operate.

Options
- Hydraulic Power Head
  - With hydraulic feed control valve for smooth, accurate cutting speed.
- Electronic Wheel Wear Compensator (See page 16.)
- Exclusive Vibra-Action OSCILLATION
  - For improved cutting, reduced burr and longer wheel life. Increases capacity. (See page 12.)
- Work Length Gage
  - Automatically swings up out of the way when the part is clamped.
- Hood
  - 760 lbs. 10 wheels, 52 lbs.

HORSEPOWER AND VOLTAGE CODES

FOR H.P. REPLACE “E” WITH
5 = 10 HP  6 = 20 HP
FOR VOLTAGE REPLACE “F” WITH
2 = 208/3/60  3 = 230/3/60
4 = 380/3/50  5 = 440/3/60
7 = 575/3/60  CALL FOR OTHERS

Dry Cutting Speeds (average)

<table>
<thead>
<tr>
<th>Size</th>
<th>Material</th>
<th>Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>2&quot; (90°)</td>
<td>Steel Pipe</td>
<td>5 sec.</td>
</tr>
<tr>
<td>4&quot; (90°)</td>
<td>Steel Channel</td>
<td>10 sec.</td>
</tr>
<tr>
<td>2&quot; (45°)</td>
<td>Steel Pipe</td>
<td>8 sec.</td>
</tr>
<tr>
<td>1&quot; (45°)</td>
<td>Cold Rolled Steel</td>
<td>3 sec.</td>
</tr>
</tbody>
</table>

Prices and design subject to change without notice.
26" OSCILLATING Abrasive Cut-Off

Specifications
Wheel Capacity
26" diameter.
Arbor Shaft
1 inch.
Motor
Special hi-torque totally-enclosed fan-cooled 30 or 40 H.P. 3 phase.
Oscillator 1/3 H.P. gear motor.
Starter
Magnetic with thermal overload all motors.
110 volt at controls.
Drive
Positive timing belt.
Spindle Bearings
Heavy-duty sealed ball bearings.
Lubricated for life.
Capacity
6" dia. solids. Most 7" shapes.
12" channel with optional fixture.
Safety Guards
Cut-off wheel and belt guards exceed safety code requirements.
Vise
Sturdy work fence, screw clamp.
Air operation optional.
Stop
Adjustable down stop limits depth of chop stroke.
Exclusive Vibra-Action OSCILLATION
For improved cutting, reduced burr and longer wheel life.
Options
Hydraulic Power Head
With hydraulic feed control valve for smooth, accurate cutting speed.
Electronic Wheel Wear Compensator
(See page 16.)
Work Length Gage
Patented Dust Collector Fume Exhauster (See page 17.)
“V” Block Air Vise
Mitering Work Fence
To cut miters 45° right or left of 90°.
Hood
Shipping Weight
1165 lbs., 10 wheels, 125 lbs.

Exclusive vibra-action oscillation moves the wheel back and forth while cut is being made. This reduces the area of contact between the wheel and material, resulting in improved quality of cut, less heat build up, less burr and increased wheel life.

<table>
<thead>
<tr>
<th>Dry Cutting Speeds (average)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Size</td>
</tr>
<tr>
<td>-----</td>
</tr>
<tr>
<td>6&quot;</td>
</tr>
<tr>
<td>8&quot; x 8&quot;</td>
</tr>
<tr>
<td>12&quot;</td>
</tr>
</tbody>
</table>

HORSEPOWER AND VOLTAGE CODES
FOR H.P. REPLACE “E” WITH
7 = 30 HP 8 = 40 HP
FOR VOLTAGE REPLACE “F” WITH
2 = 208/3/60 3 = 230/3/60
4 = 380/3/50 5 = 440/3/60
7 = 575/3/60 CALL FOR OTHERS

Prices and design subject to change without notice.
Wet Abrasive Cut-Off Saws

Ideal For METALLURGICAL LABS as well as for Exotic Alloys

10" Wet Cut-Off/Met Lab.

Typical wet cutting speeds are 30 seconds per square inch of material based on application.

This wet version of our popular machine is capable of cutting up to 1" solids and 2" shapes. Coolant flow can be regulated and directed to both sides of the cut for optimum performance. For additional information and specifications see page 3.

Total shipping weight including magnetic starter, tank and pump is 200 lbs.

COMPLETE with 3 H.P. TEFC motor, coolant tray, steel stand settling tank and pump (specify H.P., voltage/phase/hertz when ordering)

SEE CHART BELOW) .............................................................................. 10102F
COMPLETE as above with mitering fence ............................................. 10112F
Adjustable outboard support (see page 17) ........................................... 109403
Work length gage (for straight machine only) ........................................ 109401

VOLTAGE CODES
REPLACE “F” WITH
0 = 115/1/60  1 = 230/1/60
2 = 208/3/60  3 = 230/3/60
4 = 380/3/50  5 = 440/3/60
7 = 575/3/60  CALL FOR OTHERS

14"-16" Wet Cut-Off/Met Lab.

The same dependable EVERETT cut-off with adjustable flood coolant manifold that delivers an abundant supply of coolant to both sides of the wheel and cutting area. Flow is easily controlled with a handy ball valve. With 10 H.P. motor to get through the cut QUICKLY and COOLY.

Shipping weight 585 lbs.

For additional information and specifications see page 6.

COMPLETE with 10 H.P. TEFC motor, magnetic starters with 110 volt at the pushbutton, air operated “V” shaped chain hold-down vise, coolant tray, settling tank and pump (specify H.P., voltage/phase/hertz when ordering

SEE CHART AT LEFT) .............................................................................. 16105F
COMPLETE as above with hydraulic powerhead .................................... 16305F
COMPLETE as above with electronic wheel wear compensator .......... 16505F
Wet hood ............................................................................................. 169030
Double action air operated vise (see page 17) .................................. 169420
"T" slot table (replaces other vise see page 15) ................................. 169450
Adjustable outboard support (see page 17) ........................................ 169403
24" work length gage (see page 17) .................................................... 169401

Using Everett 1410 or 83FG Cut Off Wheels make these excellent met lab machines.

Prices and design subject to change without notice.
20”-22” Wet Abrasive Cut-Off

Specifications

Wheel Capacity
20” or 22” diameter.

Arbor Shaft
1 inch.

Motor
Special hi-torque totally-enclosed fan-cooled 20 H.P. 3 phase.

Starter
Magnetic with thermal overload all motors. 110 volt at controls.

Drive
Positive timing belt.

Spindle Bearings
Heavy-duty sealed ball bearings. Lubricated for life.

Capacity
3” dia. solids. Most 7” shapes.

Safety Guards
Cut-off wheel and belt guards exceed safety code requirements.

Vise

Stop
Adjustable down stop limits depth of chop stroke.

Options

Hydraulic Power Head
With hydraulic flow control valve for smooth, accurate cutting speed.

Electronic Wheel Wear Compensator
(See page 16.)

Exclusive Vibra-Action OSCILLATION
For improved cutting, reduced burr and longer wheel life.

Work Length Gage
Automatically swings up out of the way when the part is clamped.

Wet Hood

Shipping Weight
1040 lbs., 10 wheels, 65 lbs.

The cutting wheel on these Everett models is cooled by rotating through a water box with hinged adjustable sides. The water ejector and the wheel itself combine to throw the coolant into the cut and over the material to assure total cooling. The flow and discharge are easily regulated with the control valve and by adjusting the sides of the water box.

VOLTAGE CODES
REPLACE “F” WITH
2 = 208/3/60 3 = 230/3/60
4 = 380/3/50 5 = 440/3/60
7 = 575/3/60 CALL FOR OTHERS

Typical wet cutting speeds are 30 seconds per square inch of material based on application.

Prices and design subject to change without notice.
Specifications

Wheel Capacity
20” or 22” diameter.

Arbor Shaft
1 inch.

Motor
Special hi-torque totally-enclosed fan-cooled 20 H.P. 3 phase.

Starter
Magnetic with thermal overload all motors. 110 volt at controls.

Drive
Positive timing belt.

Spindle Bearings
Heavy-duty sealed ball bearings. Lubricated for life.

Capacity
3” dia. solids. Most 7” shapes.

Safety Guards
Cut-off wheel and belt guards exceed safety code requirements.

Vise

Stop
Adjustable down stop limits depth of chop stroke.

Exclusive Vibra-Action OScillation
For improved cutting, reduced burr and longer wheel life.

Options

Hydraulic Power Head
With hydraulic flow control valve for smooth, accurate cutting speed.

Electronic Wheel Wear Compensator
(See page 16.)

Work Length Gage
Automatically swings up out of the way when the part is clamped.

Wet Hood

Shipping Weight
1040 lbs., 10 wheels, 65 lbs.

COMPLETE with 20 H.P. TEFC motor, magnetic starters with 110 volt at the pushbuttons, air operated “V” shaped chain holddown vise, OScillation; coolant tray, settling tank and pump (specify H.P., voltage/phase/hertz when ordering SEE CHART PG. 14) .................. 21126F

COMPLETE as above with hydraulic powerhead .................. 21326F

COMPLETE as above with wheel wear compensator (SEE PG. 16) .................. 21526F

Wet hood (SEE PHOTO, PG. 16) .............................................. 219030

Adjustable outboard support (see page 17) .................. 219403

24” work length gage — air-operated .................. 219402

“T” slot table (replaces other vise see below) .................. 219450

Double Action Air Operated Vise (replaces other vise—see page 17) .................. 219420

Prices and design subject to change without notice.

T-Slot Table

Ideal for metallurgical sample cutting where unusual part size or shape require special fixturing.
Available on 14”-16”, 20”-22”, 26” straight cut-off saws only.

8” x 18” (replaces other vises) .................. AB9450

Substitute first two digits of machine number for “AB”.

Typical wet cutting speeds are 30 seconds per square inch of material based on application.
**26" Wet OSCILLATING Abrasive Cut-Off**

### Specifications
- **Wheel Capacity**: 26" diameter.
- **Arbor Shaft**: 1 inch.
- **Motor**: Special hi-torque totally-enclosed fan-cooled 30 or 40 H.P. 3 phase. Oscillator 1/3 H.P. gear motor.
- **Starter**: Magnetic with thermal overload all motors. 110 volt at controls.
- **Drive**: Positive timing belt.
- **Spindle Bearings**: Heavy-duty sealed ball bearings. Lubricated for life.
- **Capacity**: 5" dia. solids. Most 7" shapes.
- **Safety Guards**: Cut-off wheel and belt guards exceed safety code requirements.
- **Stop**: Adjustable down stop limits depth of chop stroke.
- **Exclusive Vibra-Action OSCILLATION**: For improved cutting, reduced burr and longer wheel life. (See page 12.)
- **Options**
  - **Hydraulic Power Head**: With hydraulic flow control valve for smooth, accurate cutting speed.
  - **Electronic Wheel Wear Compensator**: Automatically swings up out of the way when the part is clamped.
  - **Work Length Gage**: AIR OPERATED
  - **Wet Hood**:

###horsepower and voltage codes

**FOR H.P. REPLACE “E” WITH**
- 7 = 30 HP
- 8 = 40 HP

**FOR VOLTAGE REPLACE “F” WITH**
- 2 = 208/3/60
- 3 = 230/3/60
- 4 = 380/3/50
- 5 = 440/3/60
- 7 = 575/3/60

**Prices and design subject to change without notice.**

**EVERETT WHEELS MAKE THIS MACHINE A WORK HORSE FOR MET LAB OR CUTTING EXOTICS**.
16" Everett SPIRAL
Hydraulic Hose Cut-Off Machine

This Heavy Duty Saw will cut wire braid and spiral reinforced hoses up to 5" as well as thermoplastic hoses. The 7 1/2 H.P. motor is available in single or three phase.

- COMPLETE with TEFC motor, magnetic starter, steel stand, “V” vise (specify H.P., voltage/phase/hertz when ordering SEE CHART BELOW) .... 1600EF
- Cabinet base .......................................................... 169200
- Dust collector fume exhauster (includes cabinet base see below) ........ 169201
- Hood (for use with cabinet and dust collector) ....................... 169010
- Adjustable outboard support (see below) .......................... 169403
- 24" work length gage ............................................ 169401
- Oil mist spray (for cutting nonferrous materials) .................. 169502
- Air operated “V” shaped chain holddown vise ...................... 169410
- Double action cam lock vise (see page 4) .......................... 169440
- Double action air operated vise (see below) ......................... 169420
- COMPLETE with hydraulic power head, TEFC motor, magnetic starters, cabinet base and air operated “V” shaped chain holddown vise (specify H.P., voltage/phase/hertz when ordering) ...................... 1620EF
- COMPLETE as above with electronic wheel wear compensator ....... 1640EF

HORSEPOWER AND VOLTAGE CODES
FOR H.P. REPLACE “E” WITH
4 = 7 1/2 HP     5 = 10 HP
FOR VOLTAGE REPLACE “F” WITH
1 = 230/1/60 (Available only with 7-1/2 HP)  2 = 208/3/60
3 = 230/3/60  4 = 380/3/50  5 = 440/3/60  7 = 575/3/60
CALL FOR OTHERS

Patented Ever-Vac Dust Collector and Fume Exhauster

Helps collect Dust and Particles Associated with Abrasive Cutting.

The patented “Ever-Vac” dust collector and fume exhauster is a vacuum system powered by its own 1 H.P. motor mounted on the side of the cabinet base. It draws virtually all dust and abrasive particles from the cutting area down into the base of the machine. The large particles settle on the floor under the base of the machine and fumes are exhausted to the rear of the vacuum unit to be exhausted outside. Exhaust opening is 6” diameter. (Outside ducting not included).

A specially designed hood can also be installed to Everett machines. The hood encloses the cutting area from three sides and above to further control flying particles.

Both the “Ever-Vac” system and hood can be mounted on most Everett dry abrasive cut-off machines.

See individual pages for additional information.

Adjustable Outboard Support
AB9403
The Everett adjustable outboard support is an easy, inexpensive way to support long lengths of material to be cut. Ball bearing rollers, set at the same angle as our “V” vise, eliminate the need to readjust for cutting different shapes. A unique slotted sleeve and locking handle prevent scoring the adjustable height shaft when locking in place.

Work Length Gage-Air Operated ....... AB9402

Prices and design subject to change without notice.
Everett 16" Fully Automatic Cut-Off Saw

Specifications
Motor
7 1/2 H.P. 230/460 volt 3 phase 60 Hz.
Starter
Magnetic starters, 110 volt at controls
Blade Diameter
12", 14", 16" 
Spindle Diameter
1"
Flange Diameter
5" For Extra Blade Stability
Bar Feed Stroke
1/2" - 12" standard, others available
Capacity
Aluminum 2" solids— 3" x 4" Extrusions
Steel 1/4" solids—1 1/2" tubing or shapes
Air Vise
Opening 4", Back Fence 3" High, moveable jaw 2 1/2" High

• Fully Automatic Bar Feed – Custom Air Feed Is Entirely Pneumatic And Operates As Smoothly And Quietly As Possible
• Easy Feed Length Adjustment.
• Low Maintenance Due To Fewer Moving Parts. Standard Off The Shelf Hardware Used Wherever Possible.
• Feed Block Slides On Hardened And Ground Rods With Linear Ball Bearings.
• Standard Equipment Includes; Stock Roller Guides, Hardened Wear Pads, Port Speed Control Mufflers.

OPTIONAL ACCESSORIES
• Bar End Stop
• Multi-Stroke Counter
• Batch Counter
• 10 H.P. Motor

 Prices and design subject to change without notice.

For Nonferrous Materials
12" - 14" Multi-Angle

Fast Precision Cutting
Aluminum, Copper, Brass, Plastic
Economical to own...Economical to Operate

Specifications
Wheel Capacity
12" diameter or 14" diameter with 3 H.P. motor.
Arbor Shaft
5/8 inch.
Motor
Specially designed, 1 1/2 H.P. 110/220 volt single phase, totally enclosed fan-cooled or 3 H.P., 3 phase or single phase totally enclosed fan-cooled available.

Spindle Bearings
Precision sealed ball bearings. Lubricated for life.

Lubrication
Thru spindle and ports in the flanges. Automatic oil feed control optional. Available on single phase only.

Capacity
Nonferrous materials - 3" x 3" or 2" x 4", 45° -3 1/4" shapes.

Safety Guards
Blade guarded with cast shield held in fixed position.

Mitering
Pre-set stops at 45°, cutting head swivels both directions, locks without special tools.

Shipping Weight
120 lbs.

HORSEPOWER CODE
1 = 1.5 HP     2 = 3 HP

DISCONTINUED / PARTS only

10 GPM Coolant system: 21 Gallon Reservoir
Up To 2000 Cycles/hr cutting 1/2 x 1/2 x 1/2 Aluminum
Hydraulic Shock Absorber For Higher Feed Rates And Long Life
Cuts Most Material—Aluminum, Copper, Brass, Plastic...And Small Sizes Of Mild Steel, Tool Steel And Stainless Steel
High Speed – High Production Cutting
Cut Most Shapes—from extrusions to die pins and punches, interchangeable steel blades and abrasive wheels

Prices available on request
Everett 20"-22" Contractors Model

For Cutting UP to 6" Pipe and Conduit
This rugged but portable, Everett model was specially designed for the job site. The Contractor’s Model comes complete with magnetic starter, stand and foot pedal operated vise. The special high-torque motor is totally-enclosed and fan cooled. Shipping weight 360 lbs.

COMPLETE with motor, magnetic starter, “V” shaped chain holdown vise, steel stand (specify H.P., voltage/phase/hertz when ordering SEE CHART BELOW) ........................................... 5200EF
24” work length gage (see page 17) ........................................ 529401
Air operated “V” shaped chain holdown vise ................................ 529410
Adjustable outboard support .................................................... 529403

HORSEPOWER AND VOLTAGE CODE
FOR HORSEPOWER REPLACE “E” WITH
4 = 7 1/2 H.P. 5 = 10 H.P.
FOR VOLTAGE REPLACE “F” WITH
1 = 230/1/60 AVAILABLE ONLY WITH 7 1/2 HP
2 = 208/3/60 3 = 230/3/60
4 = 380/3/50 5 = 460/3/60
7 = 575/3/60
CALL FOR OTHERS

20"-22" Wet Miter Cut-Off
COMPLETE with 20 H.P. TEFC motor, magnetic starters with 110 volt at the pushbuttons, air operated chain holdown vise, coolant tray settling tank and pump (specify voltage/phase/hertz when ordering USE VOLTAGE CHART ABOVE) .................. 20116F
COMPLETE as above with hydraulic power head ..................... 20316F
COMPLETE with 20 H.P. TEFC motor, magnetic starters with 110 volt at the pushbutton, OSCILLATION, air operated chain holdown vise, coolant tray settling tank and pump (specify voltage/phase/hertz when ordering USE VOLTAGE CHART ABOVE) .................. 20136F
COMPLETE as above with hydraulic power head ..................... 20336F
COMPLETE as above with electronic wheel wearcompensator 20536F
See page 9 for additional specifications

Special Wire Rope Cut-Off
This machine is built so that heavy wire rope does not have to be lifted to normal table height. The machine is equipped with casters to make location change easy and a foot pedal operated chain holdown vise to securely hold the wire rope while it is being cut. All models are standard with a magnetic starter.

14”-16” Wire Rope Cut-off Saw COMPLETE with magnetic starter “V” shaped chain hold down foot pedal operated vise (specify H.P., voltage/phase/hertz when ordering USE CHART ABOVE) ........... 5300EF
20”-22” COMPLETE AS ABOVE ........................................... 5400EF
26” ALSO AVAILABLE. CALL FOR INFO.

Prices and design subject to change without notice.
**A Word About Abrasive Cutoff Wheels**

The Everett Industries plant in Warren, Ohio houses our own cutoff wheel manufacturing facility. All the wheel grades listed below for both dry and wet cutting, have been developed and extensively tested to produce quality cuts on a wide range of material alloys, sizes and shapes. By using only premium quality ingredients and exacting manufacturing methods, Everett cutoff wheels provide wheel grades designed for maximum performance on your new Everett cutoff machine.

**Resinoid Bond Aluminum Oxide for Dry Cutting**

**Fiberglass Internally Reinforced**

Woven fiberglass cloth is molded in the center of the wheel for break resistance.

- **45FG** For general purpose cutting. Available in most sizes.
- **23020FG** Designed for use on machines with POWERHEAD (automatic wheel feed) where free cutting ability is needed because of constant feed pressure. Available in most sizes.
- **2069FG** Ideal for heavier wall shapes and tubing.
- **T32FG** For cutting thin wall shapes and thin wall tubing.
- **GTK-7FG** Excellent for high quality dry cuts on stainless tubing and other thin wall tubing.

**Fiberglass Externally Reinforced**

Woven fiberglass cloth is applied externally on both sides of the wheel for break resistance.

- **45FGE** For general purpose cutting.
- **23020FGE** Designed for use on machines with POWERHEAD (automatic wheel feed) where free cutting ability is needed because of constant feed pressure.
- **2069FGE** Ideal for heavier wall shapes and tubing.
- **T32FGE** For cutting thin wall shapes and thin wall tubing.
- **GTK-7FGE** Excellent for high quality dry cuts on stainless tubing and other thin wall tubing.

We manufacture other grades of wet and dry abrasive cut-off wheels to meet specific requirements.

**Rubber Bonded Wheels for Wet Cutting**

The following rubber bonded wheels cannot be fiberglass reinforced.

Use only on well guarded machines with extreme caution and personal protection.

- **#1410** For wet metallurgical sample cutting. Also excellent for high quality wet cuts on hardened material, tubing. Available in 16" , 20" , and 26".
- **#1115** Calendered rubber wheel specially formulated for general purpose use on our 10" wet machine. Available in most sizes.
- **#1329** General purpose calendered rubber wheel, designed for wet cutting solids, heavy wall shapes and tubing. Produces fine cut, excellent for use on wet, power head machines. Available in 14", 16", 20", and 26".

**93FG**

Reinforced Wet Cutting Abrasive Cutoff Wheels

**STANDARD DRY (D) and WET (W) WHEEL SIZE/THICKNESS and ARBOR SIZE**

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Contact the factory for special diameter, thickness, arbor and drive pin requirements.

**EVERETT INDUSTRIES, INC.**

3601 Larchmont N.E., Warren, Ohio 44483
Phone (330) 372-3700 • Toll Free (800) 637-7297 • FAX (330) 372-3118

Net 30 Days. F.O.B., Warren, Ohio. Prices and design subject to change without notice.