

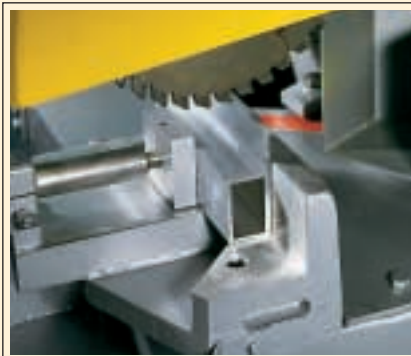
EVERETT

—ABRASIVE CUT-OFF—
Machines & Wheels



**SEVERIT
WITH EVERETT**

Visit our web site: www.everettindustries.com



IDEAL FOR TOOL ROOM

Fast, Low Cost Cutting of...HARDENED TOOL STEEL, DRILLS, REA

8" Abrasive Cut-Off

- Complete with 3 H.P. TEFC motor and vise (specify voltage/phase/hertz when ordering SEE CHART AT RIGHT) 08002F
- Adjustable outboard support (see page 17) 089403
- Steel stand (see page 4) 089100
- Work length gage 089401
- Drip oiler (for cutting nonferrous materials) 089501
- 8" Hi-speed steel blade 089504

DISCONTINUED



DISCONTINUED / PARTS only

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

10" Abrasive Mitering Cut-Off



10" Mitering Cut-off Saw

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.

10" Abrasive Cut-Off

- Complete with 3 H.P. TEFC motor and vise (specify voltage/phase/hertz when ordering SEE CHART BELOW)10002F
- Adjustable outboard support (see page 17)109403
- Steel stand (see page 4)109100
- Work length gage109401
- Drip oiler (for cutting nonferrous materials)109501
- 10" Hi-speed steel blade109504



Specifications		
	8" MACHINE	10" MACHINE
Wheel Capacity	8" wheel	10" wheel
Arbor Shaft	1/2" arbor	5/8" arbor
Drive	Single	Dual
	Raw edge sure grip "V" belts with steel sheaves.	
Capacity	1" solid 1 1/2" pipe 10" miter saw only most 1 3/4" shapes @ 45°	1 1/2" solid 2" pipe
Motor	3 H.P. special hi-torque motor. Totally-enclosed, fan-cooled. Single phase 115/230 volt or 3 phase 230/460 volt. Others available. SPECIFY PHASE AND VOLTAGE WHEN ORDERING. SEE CHART BELOW	
Spindle Bearings	Precision sealed ball bearings. Lubricated for life.	
Safety Guards	Cut-off wheel and guards exceed safety code requirements. Improved spark arrestors to deflect sparks.	
Stop	Adjustable down stop limits depth of chop stroke.	

Shipping weight	8"	10"
MACHINES	3 phase 52 lbs. 1 phase 65 lbs.	3 phase 77 lbs. 1 phase 87 lbs.
10 WHEELS	7 lbs.	9 lbs.

VOLTAGE CODES	
0 = 115/1/60	1 = 230/1/60
2 = 208/3/60	3 = 230/3/60
4 = 380/3/50	5 = 460/3/60
7 = 575/3/60	
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 3/4" 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 Exhaust

(see page 17.)

Double Action

Holds both

(See

F

when



Double action cam lock vise (optional)

COMPLETE with 5 H.P. TEFC motor, magnetic starter, steel stand, "V" shaped chain holddown vise, (specify voltage/phase/hertz when ordering USE CHART AT RIGHT).	12003F
Cabinet base	129200
Dust collector fume exhauster (includes cabinet base) (see page 17)	129201
Hood (for use with cabinet base or dust collector)	129010
Adjustable outboard support (see page 17)	129403
24" work length gage (see page 17)	129401
Oil mist spray (for cutting nonferrous materials)	129502
Air operated "V" shaped chain holddown vise	129410
Double action cam lock vise (see inset)	129440
Double action air operated vise (see page 17)	129420

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

Prices and design subject to change without notice.

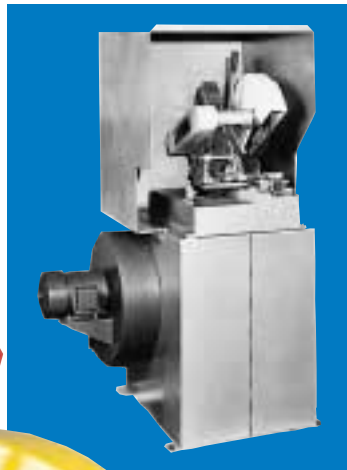
VOLTAGE CODE
Replace "F" in part number to indicate proper voltage/phase/hertz

1 = 230/1/60	2 = 208/3/60
3 = 230/3/60	4 = 380/3/50
5 = 440/3/60	7 = 575/3/60
call for others	

DISCONTINUED / PARTS only

12" Abrasive - Mitering Cut-Off

Featured with optional dust collector, fume exhauster (patented), cabinet base and hood



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 seals

Lubricated for

Capacity

1.3"

12".

mits depth of chop

head can swivel 45° left of center.

ectors 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.

Featured with optional cam lock vise

DISCONTINUED / PARTS only

COMPLETE with 5 H.P. TEFC motor, magnetic starter, vise	
(specify voltage/phase/hertz when ordering USE CHART OPPOSITE PAGE)	..... 12013F
Cabinet base	..... 129300
Dust collector fume exhauster (includes cabinet base) (see page 17)	..... 129302
Hood (for use with cabinet base)	..... 129020
Adjustable outboard support (see pages 17)	..... 129403
Oil mist spray (for cutting nonferrous materials)	..... 129502
Quick-action cam lock vise	..... 129430

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

Prices and design subject to change without notice.

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.

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

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.

Featured with optional dust collector, fume exhauster (patented), cabinet base and hood



Dry Cutting Speeds (average)		
Size	Material	Time
1"	Angle Iron	2 sec.
2"	Angle Iron	4 sec.
2"	Cold Roll Solid	7 sec.
1 1/2"	Pipe	3 sec.

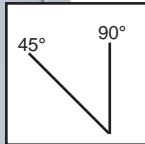
- COMPLETE with TEFC motor, magnetic starter, steel stand, "V" vise**
 (specify H.P., voltage/phase/hertz when ordering **SEE CHART AT RIGHT**). . .1600EF
 Cabinet base169200
 Dust collector fume exhauster (includes cabinet base see inset & page 17)169201
 Hood (for use with cabinet and dust collector)169010
 Adjustable outboard support (see page 17)169403
 24" work length gage169401
 Oil mist spray (for cutting nonferrous materials)169502
 Air operated "V" shaped chain holddown vise169410
 Double action cam lock vise (see page 4)169440
 Double action air operated vise (see page 17)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 compensator1640EF

Prices and design subject to change without notice.

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.

14"-16" Abrasive-Mitering Cut-Off



Dry Cutting Speeds (average) 90°		
Size	Material	Time
1"	Angle Iron	2 sec.
2"	Angle Iron	4 sec.
2"	Cold Roll Solid	7 sec.
1 1/2"	Pipe	3 sec.

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.

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

COMPLETE with TEFC motor, magnetic starter and quick-action cam lock vise

(specify H.P., voltage/phase/hertz when ordering SEE CHART FACING PAGE) . . .	1601EF
Air operated work length	169402
Dust collector fume exhauster (see page 17)	169002
Hood	169020
Adjustable outboard support (see pages 17)	169403
Oil mist spray (for cutting nonferrous materials)	169502
Single action air operated vise	169470

Prices and design subject to change without notice.

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 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.

Shipping Weight

500 lbs. 10 wheels, 52 lbs.

Standard
manual operated
model



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



Featured with
optional hydraulic
power head,
oscillation,
chain air vise.

Dry Cutting Speeds (average)		
Size	Material	Time
2"	Steel Pipe	2 sec.
4"	C.I. Soil Pipe	4 sec.
2"	Stainless Steel	8 sec.
3"	Cold Rolled Steel	21 sec.
4"	Steel Channel	6 sec.

Use only Everett fiberglass reinforced abrasive wheels.

COMPLETE with TEFC motor, magnetic starter and "V" shaped chain holddown vise (specify H.P., voltage/phase/hertz when ordering USE CHART AT RIGHT)	... 2000EF
Dust collector fume exhauster (see page 17)	... 209001
Hood	... 209010
24" air operated work length gage	... 209402
Adjustable outboard support (see pages 17)	... 209403
Oil mist spray (for cutting nonferrous materials)	... 209502
Double action cam lock vise (see inset page 4)	... 209440
Air operated "V" shaped chain hold down vise	... 209410
Double action air operated vise (see page 17)	... 209420
COMPLETE with hydraulic power head, TEFC motor, magnetic starters with 110 volt at the pushbutton, air operated "V" shaped chain holddown vise, (specify H.P., voltage/phase/hertz when ordering USE CHART AT RIGHT)	... 2020EF
COMPLETE as above with electronic wheel wear compensator	... 20406F
COMPLETE with TEFC motor, magnetic starters with 110 volt at the pushbutton, air operated "V" shaped chain holddown vise, OSCILLATION, (specify H.P., voltage/phase/hertz when ordering USE CHART AT RIGHT)	... 20026F
COMPLETE as above with hydraulic powerhead	... 20226F
COMPLETE as above with electronic wheel wear compensator	... 20426F
Hi-boy model (for cutting large diameter pipe)	... 5600EF

Prices and design subject to change without notice.

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	

20"-22" Abrasive Mitering Cut-Off

Featured with optional hydraulic powerhead, dust collector/fume exhauster



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 holddown 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

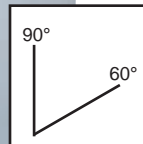
Hood

Shipping Weight

760 lbs. 10 wheels, 52 lbs.



Featured with optional dust collector and fume exhauster



Use only Everett fiberglass reinforced abrasive wheels.

Dry Cutting Speeds (average)		
Size	Material	Time
2" (90°)	Steel Pipe	5 sec.
4" (90°)	Steel Channel	10 sec.
2" (45°)	Steel Pipe	8 sec.
1" (45°)	Cold Rolled Steel	3 sec.

COMPLETE with TEFC motor, magnetic starter and air operated chain holddown vise	
(specify H.P., voltage/phase/hertz when ordering USE CHART FACING PAGE)	2001EF
Dust collector fume exhauster (see page 17)	209002
Hood	209020
Adjustable outboard support (see pages 17)	209403
Oil mist spray (for cutting nonferrous materials)	209502
Air operated 24" work length gage	209404
COMPLETE with hydraulic power head, TEFC motor, magnetic starters with 110 volt at the pushbutton, air operated chain holddown vise (specify H.P., voltage/phase/hertz when ordering USE CHART FACING PAGE)	2021EF
COMPLETE as above with electronic wheel wear compensator	2041EF
COMPLETE with TEFC motor, magnetic starters with 110 volt at the pushbutton, air chain holddown vise, OSCILLATION (specify H.P., voltage/phase/hertz when ordering USE CHART FACING PAGE)	20036F
COMPLETE as above with hydraulic powerhead	20236F
COMPLETE as above with electronic wheel wear compensator	20436F

We make our own wheels and the wheel grade you need.

Prices and design subject to change without notice.

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.

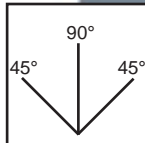
Holds on both sides of the cut-off wheel.

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.



Dry Cutting Speeds (average) 90°		
Size	Material	Time
1"	Angle Iron	2 sec.
2"	Angle Iron	4 sec.
2"	Cold Rolled Pipe	7 sec.
1 1/2"	Pipe	3 sec.

COMPLETE with TEFC motor, magnetic starter air operated dual chain holddown vise
(specify H.P., voltage/phase/hertz when ordering **USE CHART AT RIGHT**)1604EF
Air operated work length gage169402
Dust collector fume exhauster (see page 17)169003
Hood169040
Adjustable outboard support (see pages 17)169403
Oil mist spray (for cutting nonferrous materials)169502
COMPLETE with hydraulic power head, TEFC motor, magnetic starters with 110 volt at
the pushbutton, air operated dual chain holddown vise,
(specify H.P., voltage/phase/hertz when ordering **USE CHART AT RIGHT**)1624EF
COMPLETE as above with electronic wheel wear compensator1644EF

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

Prices and design subject to change without notice.

20"-22" Abrasive Double-Mitering Cut-Off

Featured with air operated work length gage.



Use only Everett fiberglass reinforced abrasive wheels.

Dry Cutting Speeds (average)		
Size	Material	Time
2" (90°)	Steel Pipe	5 sec.
4" (90°)	Steel Channel	10 sec.
2" (45°)	Steel Pipe	8 sec.
1" (45°)	Cold Rolled Steel	3 sec.

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

Sever it with Everett abrasive cut off wheels and vibra action oscillation are the key to quality large cross sectional cuts.

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

Shipping Weight 760 lbs. 10 wheels, 52 lbs.

COMPLETE with TEFC motor, magnetic starter and dual chain holddown vise

(specify H.P., voltage/phase/hertz when ordering **USE CHART AT LEFT**) 2204EF

Dust collector fume exhauster (see page 17) 229002

Hood 229040

Adjustable outboard support (see pages 17) 229403

Oil mist spray (for cutting nonferrous materials) 229502

Air operated 24" work length gage 229404

COMPLETE with hydraulic power head, TEFC motor, magnetic starters with 110 volt at the pushbutton, air operated dual chain holddown vise

(specify H.P., voltage/phase/hertz when ordering **USE CHART AT LEFT**) 22246F

COMPLETE as above with electronic wheel wear compensator 22446F

COMPLETE with TEFC motor, magnetic starters with 110 volt at the pushbutton, air chain holddown

vise, *OSCILLATION* (specify H.P., voltage/phase/hertz when ordering **USE CHART AT LEFT**) 22056F

COMPLETE as above with hydraulic powerhead 22256F

COMPLETE as above with electronic wheel wear compensator 22456F

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.)

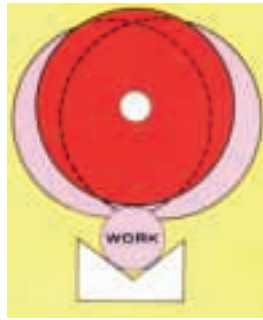
"V" Block Air Vise

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.



Featured with optional hydraulic power head, and air operated "V" shaped chain holddown vise

Dry Cutting Speeds (average)		
Size	Material	Time
6"	Solid	115 sec.
8" x 8"	Angle	20 sec.
12"	Channel	40 sec.

COMPLETE with TEFC motor, magnetic starters OSCILLATION and vise (specify H.P., voltage/phase/hertz when ordering USE CHART AT RIGHT)	2602EF
COMPLETE as above with hydraulic powerhead	2622EF
COMPLETE as above with electronic wheel wear compensator	2642EF
COMPLETE with TEFC motor, magnetic starters OSCILLATION and mitering fence (specify H.P., voltage/phase/hertz when ordering USE CHART AT RIGHT)	2603EF
COMPLETE as above with hydraulic powerhead	2623EF
COMPLETE as above with electronic wheel wear compensator	2643EF
Air operated clamp for straight or miter fence	269480
Air operated "V" shaped chain holddown vise (see above)	269410
Dust collector fume exhauster (see page 17)	269201
Hood	269010
Adjustable outboard support (see pages 17)	269403
24" work length gage (not available with miter fence)	269402
Fixture for cutting up to 12" channel	269490

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.

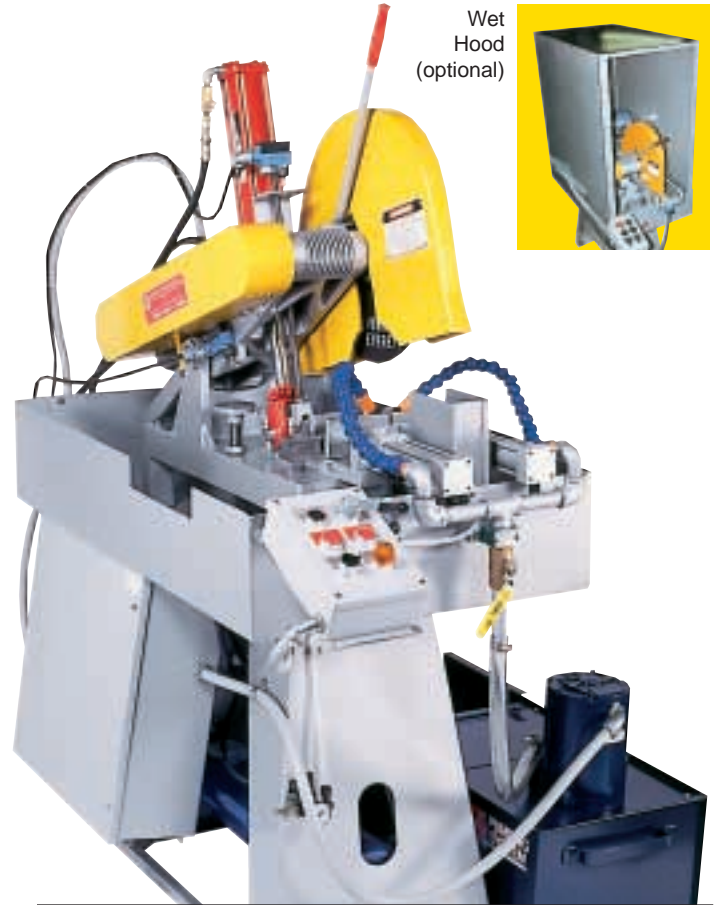
COMPLETE with 3 H.P. TEFC motor, coolant tray, steel stand settling tank and pump (specify H.P., voltage/phase/hertz when ordering
SEE CHART BELOW)10102F
COMPLETE as above with mitering fence10112F
 Adjustable outboard support (see page 17)109403
 Work length gage (for straight machine only)109401

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.



Wet Hood (optional)

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 holddown 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 powerhead16305F
COMPLETE as above with electronic wheel wear compensator16505F
 Wet hood169030
 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 93FG 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

Air operated "V" shaped chain holddown vise. Holds various shaped materials. "T" slot table optional.

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.



Featured with optional hydraulic power head



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

COMPLETE with 20 H.P. TEFC motor, magnetic starters with 110 volt at the pushbuttons, air operated "V" shaped chain holddown vise, coolant tray, settling tank and pump (specify H.P., voltage/phase/hertz when ordering SEE CHART AT RIGHT) . . . . .	.20106F
COMPLETE as above with hydraulic powerhead . . . . .	.20306F
COMPLETE as above with wheel wear compensator . . . . .	.20506F
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 AT RIGHT) . . . . .	.20126F
COMPLETE as above with hydraulic powerhead . . . . .	.20326F
COMPLETE as above with electronic wheel wear compensator . . . . .	.20526F
Wet hood . . . . .	.209030
Adjustable outboard support (see page 17) . . . . .	.269403
24" work length gage . . . . .	.209402
"T" slot table (replaces other vise see page 15) . . . . .	.209450

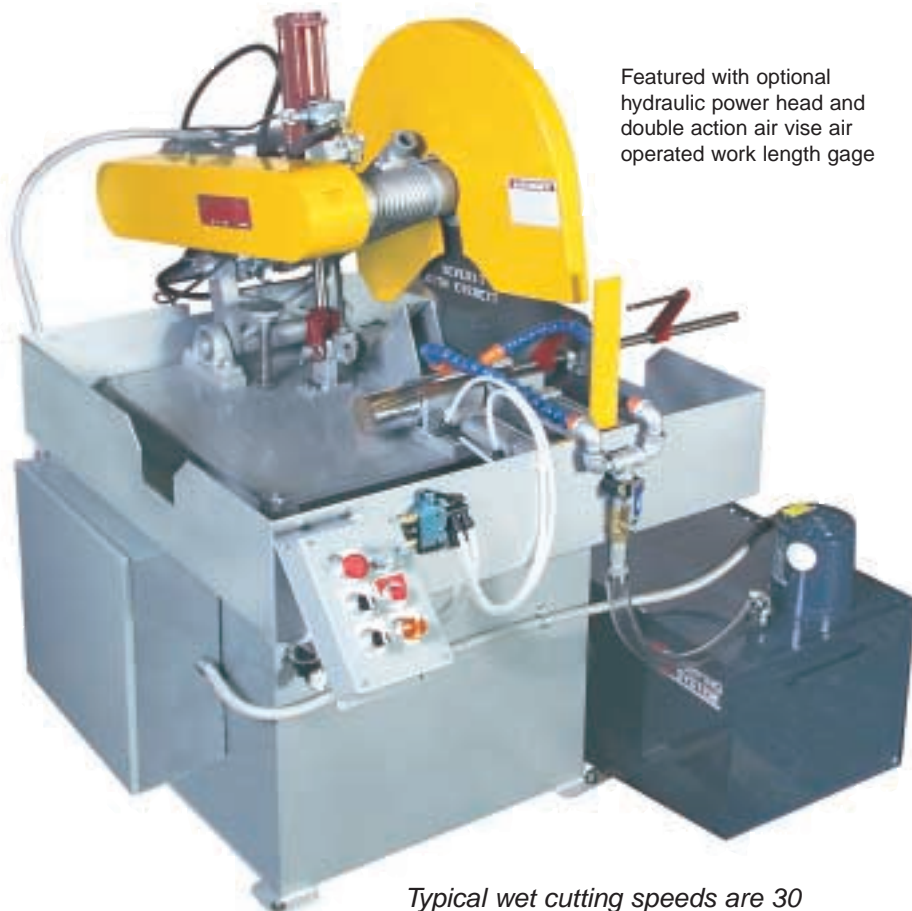
Prices and design subject to change without notice.

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

20"-22" OSCILLATING Wet Abrasive Cutoff/Met Lab



Featured with optional hydraulic power head and double action air vise air operated work length gage

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

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.

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

Air operated "V" shaped chain holddown vise. Holds various shaped materials. "T" slot table 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 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.

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".



26" Wet **OSCILLATING** Abrasive Cut-Off



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

Wet Hood

Electronic Wheel Wear Compensator

The patented Everett **electronic wheel wear compensator** reduces the inconvenience of adjusting the mechanical down stop limit as the wheel wears down in size. Prior to the development of this unique device, manual adjustments were constantly required. Now, using advanced solid state electronics, located inside control panel, the compensator senses a motor current drop when the cut is finished, electronically sending the cutting head to the up position. **Available on machines with hydraulic power head only.**

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

COMPLETE with TEFC motor, magnetic starters with 110 volt at the pushbuttons, **OSCILLATION**, air operated "V" shaped chain holddown vise, coolant tray, settling tank and pump

(specify H.P., voltage/phase/hertz when ordering **USE CHART AT LEFT**)2612EF

COMPLETE as above with hydraulic powerhead2632EF

COMPLETE as above with electronic wheel wear compensator2652EF

Wet Hood269030

Adjustable outboard support (see page 17)269403

24" work length gage AIR OPERATED269402

"T" slot table (replaces other vise see page 15)269450

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.

Vise

Air operated "V" shaped chain holddown vise. Hold various shaped materials. "T" slot table optional.

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

Work Length Gage

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

Wet Hood

Shipping Weight

1950 lbs., 10 wheels, 135 lbs.

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.

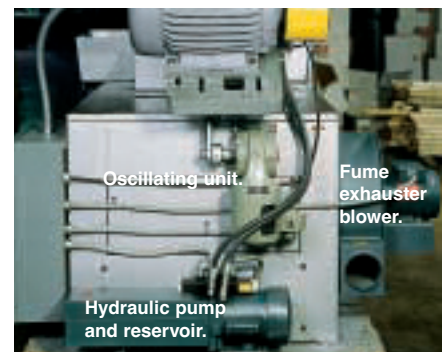
Adjustable Outboard Support AB9403



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.



Double Action Air Vise – Holds both sides of the wheel. Opens to 4". Available on dry 12", 14" - 16", 20" - 22" models and 14" - 16" wet. Not available on mitering saws.
Replaces other vises **AB9420**
Work Length Gage-Air Operated AB9402



Oscillating unit.

Fume exhauster blower.

Hydraulic pump and reservoir.

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



COM	Phase/hertz	
		5101EF
		519503
	aluminum, brass and DWV tubing	519504
		Price on application

Specifications

Wheel Capacity

12" diameter

Arbor Size

5/8 inch

Motor

Single phase, totally enclosed fan-cooled

or three phase totally enclosed fan cooled available

Ball Bearings

Standard ball bearings. Lubricated for life.

Lubrication

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.

DISCONTINUED / PARTS only

HORSEPOWER CODE
1 = 1.5 HP 2 = 3 HP

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.

- 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

Prices and design subject to change without notice.

OPTIONAL ACCESSORIES

•Bar End Stop

•Multi-Stroke Counter

•Batch Counter

•10 H.P. Motor

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 holddown 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 holddown vise529410
 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 holddown vise, coolant tray settling tank and pump (specify voltage/phase/hertz when ordering (USE VOLTAGE CHART ABOVE)20116F
COMPLETE as above with hydraulic power head20316F
COMPLETE with 20 H.P. TEFC motor, magnetic starters with 110 volt at the pushbutton, OSCILLATION, air operated chain holddown vise, coolant tray settling tank and pump (specify voltage/phase/hertz when ordering USE VOLTAGE CHART ABOVE)20136F
COMPLETE as above with hydraulic power head20336F
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 holddown 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 ABOVE5400EF
26" ALSO AVAILABLE. CALL FOR INFO.

Prices and design subject to change without notice.

EVERETT Abrasive Cut-Off Wheels

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.
- 23020FG** Designed for use on machines with POWERHEAD (automatic wheel feed) where free cutting ability is needed because of constant feed pressure.
- 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. Ideal for heavier wall shapes and tubing.
- 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.

93FG

Reinforced Wet Cutting Abrasive Cutoff Wheels

Fiberglass Internally Reinforced

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

- 93FG** Pressed resin-rubber wheel; excellent for high quality cuts on hardened material, also metallurgical sample cutting. Available in most sizes.

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 most sizes.
- #1115** Calendered rubber wheel specially formulated for general purpose use on our 10" wet machine.
- #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".
- #60** General purpose pressed rubber wheel, designed for wet cutting solids, heavy wall shapes and tubing. Larger grit sizes generally produce coarser cut than #1329. Available in all sizes.
- #91** Designed for cutting nonferrous shapes-- copper, brass, etc., rubber bond silicon carbide. Available in all sizes.

“WARRANTY:
All Everett products are warranted against defective materials and workmanship, conditioned as follows. If a product is returned to Everett by the original purchaser prepaid within 1 year after delivery to the original purchaser and is judged by Everett to be defective, the product will be repaired, replaced or credited. This warranty is exclusive and in lieu of all other warranties of quality, whether written, oral, or implied (including any warranty of merchantability or fitness for purpose). Everett will not be liable for any consequential damages and **no claims will be allowed for repairs to Everett products by the purchasers or any third party.**”

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

	SIZE											
Thickness	7"	8"	9"	10"	12"	14"	16"	18"	20"	22"	24"	26"
1/16"	D	DW	W	DW	W	W	W					
3/32"	D	DW		DW	DW	W	W					
1/8"					D	D		W	W	W		
5/32"							D	W	W	W	DW	W
3/16"								D	D	D	D	W
7/32"											D	D
Arbor 1/2"	D	DW										
Hole 5/8"				DW								
Size 1"					DW	DW	DW	DW	DW	DW	DW	DW
1 1/4"			W	W	W	W					DW	DW

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



Form 01