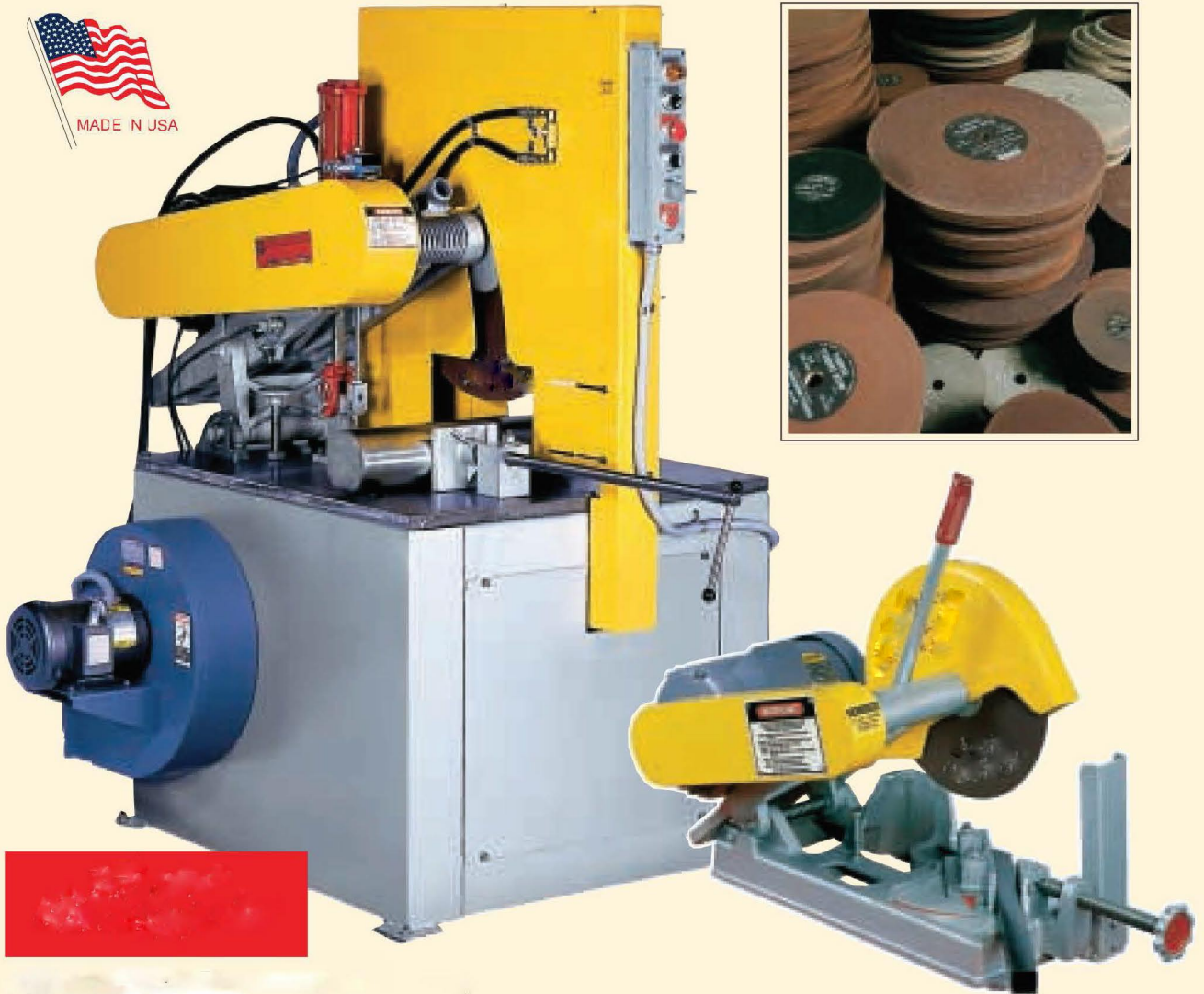


—ABRASIVE CUT-OFF— Machines & Wheels

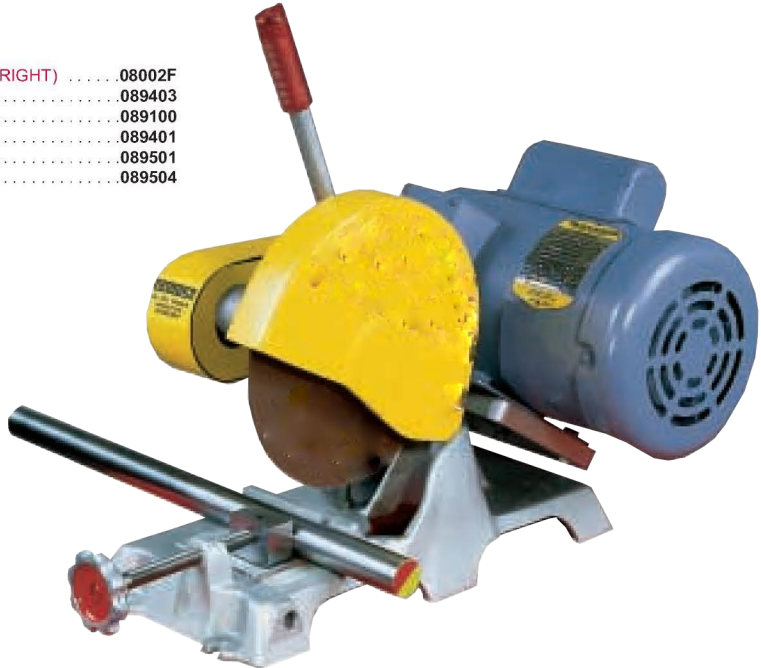


IDEAL FOR TOOL ROOM

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 gage089401
- Drip oiler (for cutting nonferrous materials)089501
- 8" Hi-speed steel blade089504



Use a steel blade to cut plastic, and with an oiler to cut aluminum, copper and nonferrous material.

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.

MERS, BARS, PIPE, ANGLE IRON, TUBING, FLAT STOCK and ROD

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 Exhauster

(see page 17.)

Double Action Air Vise

Holds both sides of cut. Opens to 4"

(See page 17.)

Double Action Cam Lock Vise

Holds both sides of cut. (See inset.)

Opens to 3 1/2".

Work Length Gage

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

Hood

Shipping Weight

165 lbs.

10 wheels, 14 lbs.



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 base129200

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 vise129410

Double action cam lock vise (see inset)129440

Double action air operated vise (see page 17)129420

VOLTAGE CODE

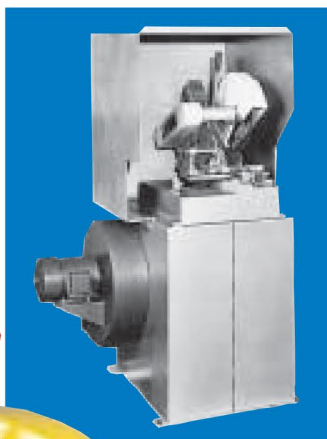
Replace "F" in part number to indicate proper voltage/phase/hertz

- | | |
|-----------------|--------------|
| 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 | |

Prices and design subject to change without notice.

12" Abrasive - Mitering Cut-Off

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



Featured with optional cam lock vise

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.

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

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)

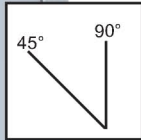
2 = 208/3/60 3 = 230/3/60

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 length169402

Dust collector fume exhauster (see page 17)169002

Hood169020

Adjustable outboard support (see pages 17)169403

Oil mist spray (for cutting nonferrous materials)169502

Single action air operated vise169470

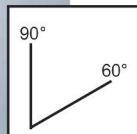
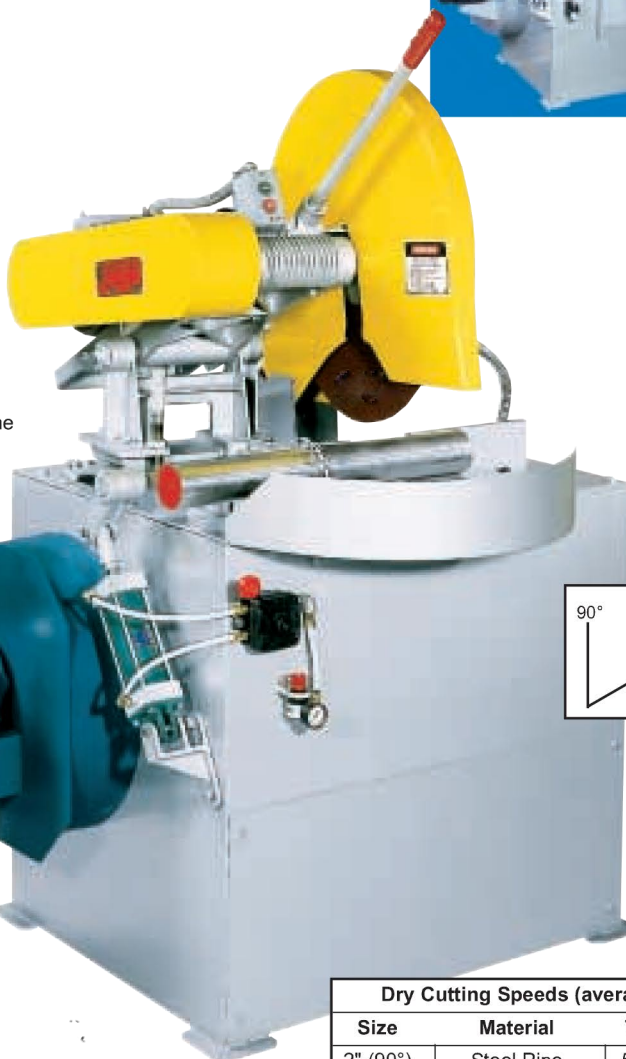
Prices and design subject to change without notice.

20"-22" Abrasive Mitering Cut-Off

Featured with optional hydraulic powerhead, dust collector/fume exhauster



Featured with optional dust collector and 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.

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.

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



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.

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

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

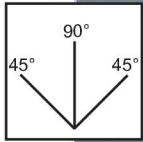
Air operated dual chain holddown vise. Holds on both sides of the cut-off wheel.

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 compensator**1644EF

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.



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.

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

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, <i>OSCILLATION</i> (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.)

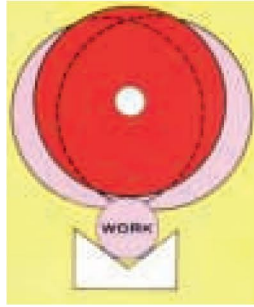
"V" Block Air Vise

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

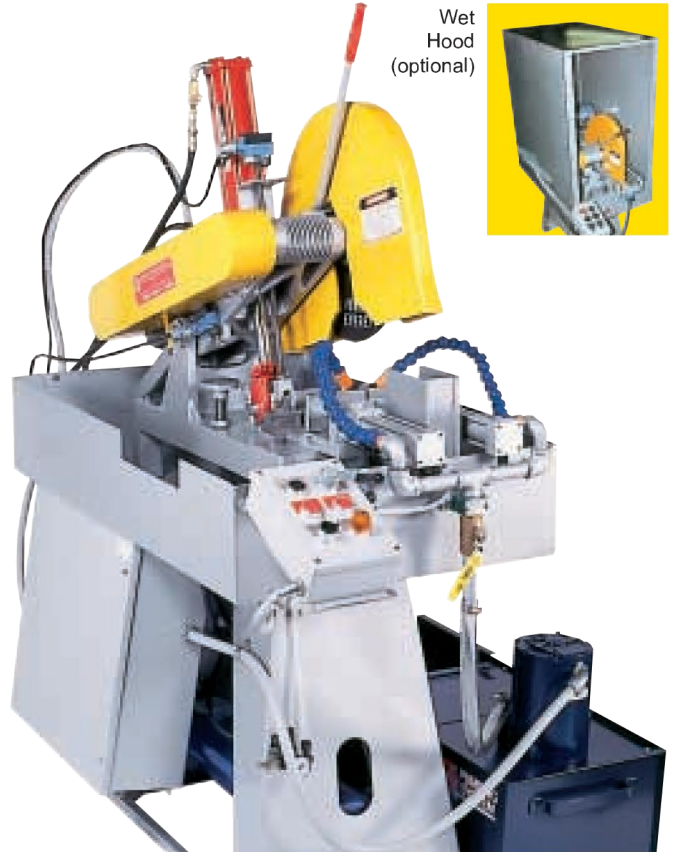
Prices and design subject to change without notice.

Wet Abrasive Cut-Off Saws

Ideal For METALLURGICAL LABS as well as for Exotic Alloys

10" Wet Cut-Off/Met Lab.

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



Wet Hood (optional)

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

The same dependable 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 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

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

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 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.

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.

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".



16" 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 base169200

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 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 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 compensator1640EF



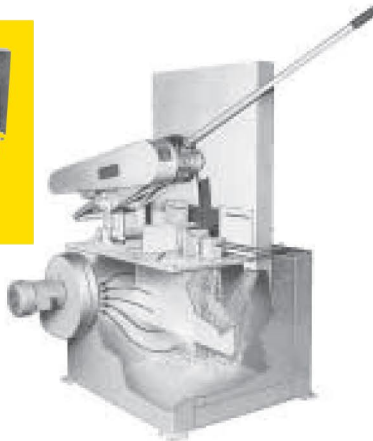
HORSEPOWER AND VOLTAGE CODES FOR H.P. REPLACE "E" WITH

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 these 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 dry abrasive cut-off machines.

See individual pages for additional information.

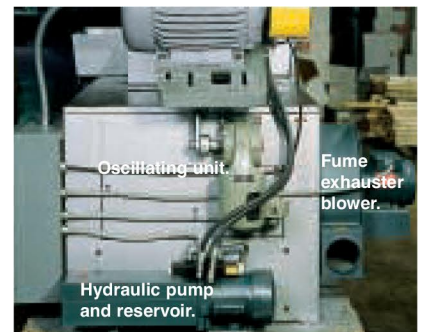
Adjustable Outboard Support AB9403



The 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**



Prices and design subject to change without notice.

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



Wet Hood

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

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-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.



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 powerhead	..... 2632EF
COMPLETE as above with electronic wheel wear compensator	..... 2652EF
Wet Hood	..... 269030
Adjustable outboard support (see page 17)	..... 269403
24" work length gage AIR OPERATED	..... 269402
"T" slot table (replaces other vise see page 15)	..... 269450

Prices and design subject to change without notice.

12" - 14" Multi-Angle Saw

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.

Drive

"V" belt, oil resistant.

Spindle Bearings

Precision sealed ball bearings. Lubricated for life.

Blade 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

COMPLETE with motor and oiler (specify H.P., voltage/phase/hertz when ordering **USE CHART BELOW**)5101EF
 Automatic oiler (activated by motor on/off switch) (single ø only)519503

STEEL BLADES

Hi-speed steel blade for cutting copper, aluminum, brass and DWV tubing
 12"519504
 14" and carbide tipped bladesPrice on application

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

20"-22" Contractors Model

For Cutting UP to 6" Pipe and Conduit

This rugged but portable, 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.

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. These cutoff wheels provide wheel grades designed for maximum performance on your 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.
- 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.
- #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.
- #1115** Calendered rubber wheel specially formulated for general purpose use on our 10" wet machine.
- #91** Designed for cutting nonferrous shapes-- copper, brass, etc., rubber bond silicon carbide. Available in all 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".

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

Thickness	SIZE											
	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.