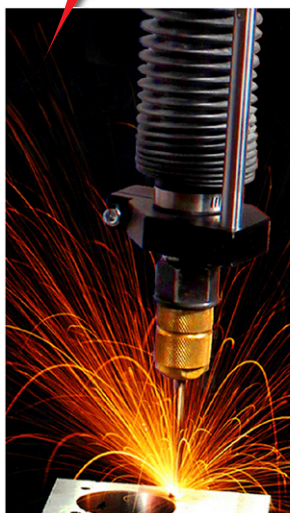


**ELECTRO  
ARC**

# METAL DISINTEGRATORS



**REMOVE  
BROKEN TAPS  
BOLTS & DRILLS  
IN MINUTES**

## PERFORMANCE

Diameter	Depth	Approx. Time
1"	4"	20 minutes
1.5"	4"	1 hour
2"	4"	2 hours
3.75"	6"	5 hours



## **Bolt Eater**

**Portable disintegrator for large bolt removal**

Fast cutting in HSS, carbide tooling and drill bits

For 1/2" (12.7 mm) or larger bolts and tools

Take everything you need to the job site  
in one trip

Full-function Remote Control  
keeps operator at point of  
disintegration (optional add-on  
to original machine build)

Servo Feed for reliable  
hands-free operation  
includes depth stop

Fixture has 3 linear and  
2 radial axes with 12"  
(304 mm) down feed  
for flexible setup

Permanent magnet base  
with 3,000-lb. (1360  
kg) holding power to  
ferrous surfaces

**MADE IN USA**



**STANDARD FEATURES**

- OPERATING HEAD & SERVO FEED** Precision-spindle disintegrating head operates in any position. Works by making and breaking 120 arcs per second. Manual or servo-controlled operation. Start and Depth Stop switches on the quill block with auto shut-off and 12" (305 mm) continuous rack-and-pinion feed. Graduated feed scale in  $\frac{1}{16}$ " (1 mm) increments. Quill protected by 2 bellows covers. Automatic Servo Feed works at any angle.
- SUPPORT FIXTURE** **Column:** 36" (914 mm) hard chrome plated,  $2\frac{3}{4}$ " dia. (70 mm) crossarms/head can travel 21" (533 mm) vertically. Lift ring for easy transfer across your shop. Permanent magnetic base has 3,000 lb. (1360 kg) holding force, released by lever action. **Radial Crossarm:** Hard-chrome plated,  $2\frac{1}{4}$ " (57 mm) diameter x 15" (381 mm). 12" (305 mm) lead-screw crossarm lift rack. Head rotates a full 360 degrees around the crossarm, which swings 360° around the column. Separate manual locks for height, rotation and in/out movement.
- POWER SUPPLY** Heavy, reinforced frame construction 30" high x 30" deep x 18" wide (762 x 762 x 457 mm) not including coolant tank. Controlled rectified DC cutting power with eleven heat selections. Two cooling fans. Recessed control panel includes Power ON indicator light, lighted push buttons for Start/Stop, ammeter for cutting circuit, rotary switches for Head Vibration and Coolant Pump, rotary selector switch for Cutting Power, potentiometer control for Servo Feed. Jog switch moves spindle up/down in quill block. External fuse for vibration circuit. Resettable thermal circuit breaker protects disintegration circuit. 20 ft. (6 m) head and ground cables.
- COOLANT SYSTEM** Rotary gear coolant pump/motor, single phase, 220/115 volt. Dual Coolant Valve allows alternate coolant supply options. See configurations below for more specifications.
- SHIPPING DATA** Approximate weights: net 1200 lb. (544 kg), gross domestic 1500 lb. (680 kg), gross export 1725 lb. (782 kg). Volume: 70 cu. ft. (1.98 M)
- WARRANTY** One year.

**MADE IN USA****Bolt Eater comes in two configurations. Each includes:**

Power supply, head, fixture, cables and two cable hangers on a sturdy cart. Cart is 30" (762 mm) wide with push handle and four 6" (150 mm) ball bearing wheels with rubber tires and brakes.

**Configuration 1**

(Shown on page 1.) Cart is 72" (1828 mm) long with a deck-mounted 29-gal. (109 L) stainless steel Coolant Tank. Cable hangers on front of tank. 10 GPM 50 PSI coolant pump with 2 hp motor.

**Configuration 2**

(Shown at right.) Cart is 72" (1828 mm) long with a deck-mounted lockable tool cabinet. A cable hanger and a 13 gal. (49 L) coolant tank are mounted on the sides of the power supply. 10 GPM coolant pump with 1.5 hp motor.

**OPTIONS**

*Available with original machine build only*

**Power Supply Options**

240, 380 or 480 volt input

**Remote Control**

When activated, this full-function Remote Control duplicates and overrides all switches and indicators on machine. Includes 20-foot (6.09 m) cable.

V0920

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