



# METAL DISINTEGRATORS



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

### PERFORMANCE

BROKEN TOOLING ONE INCH DEEP	REMOVAL TIME
0-80 to 10-32 No. 1.6	UNDER 1 min.
1/4" No. 6	1 - 2 min.
5/16" No. 8	1.5 - 2.5 min.
3/8" No. 10	1.5 - 2 min.
1/2" No. 14	2 - 4 min.
5/8" No. 18	1.5 - 2.5 min.
3/4" No. 22	2.5 - 3.5 min.



## Extract-All X1

For use in confined spaces

Runs on 110 volt outlet

Unlimited head positioning in six axes

Servo controlled disintegrating feed system for minimal operator intervention

DC power supply handles removal of HSS and carbide tooling

Disintegrates tooling from #2 (2 mm) up to 3/4" (19.05 mm) in one pass



# Model X-1

## STANDARD FEATURES

<b>OPERATING HEAD &amp; SERVO FEED</b>	Works by making and breaking 100/120 arcs per second at the target metal with a molybdenum or graphite electrode. All-automatic servo feed control with manual override. Graduated feed scale allows presetting depth of cut with automatic shutoff. 6" (152 mm) of rack and pinion feed. Solid machined aluminum quill block for precision and long life. Spring loaded clutch for manual or servo feed. Remote start/stop micro switches.
<b>SUPPORT FIXTURE</b>	1500-lb-pull (680 kg) magnetic base with cam action release holds column securely to any ferrous surface. Column base rotates 360°. Column and crossarm are 1.5" (38 mm) diameter thick-walled chromed steel tube. The machined aluminum crossarm/head coupling block is raised and lowered 9.75" (248 mm) via ratcheting crank-operated rack and pinion. The crossarm/head coupling provides 360° rotation in the vertical plane. Each movement and rotation has its own lock. Lock ring provided to pre-set crossarm position.
<b>POWER SUPPLY</b>	Stainless steel cabinet 24" wide x 12.5" deep x 15.25" high (609.6 x 305 x 387.3 mm). Hinged locking cover. Fold-down handle on each end. 10-ft. (3 m) 110 volt AC input cable. 30 amps required. Controls include start, stop and yellow ON indicator. Spindle jog up/down switch, vibration control, feed control, heat selector, current meter, coolant pump on/off switch and power overload circuit breaker. Receptacles for power, ground, auto feed, pump and head vibration cables.
<b>CABLES</b>	Work Cable: Copper welding cable with jack plug. Head Cable: Copper welding cable with jack plug and encapsulated head vibration power cables.
<b>COOLANT SYSTEM</b>	1/3 HP pump on separate stainless-steel base with carrying handle provides 90 PSI coolant pressure to head from tank (not included). Coolant can be recycled if provision is made to collect runoff from the workpiece.
<b>SHIPPING DATA</b>	Weight: Net 195 lb (88 kg), gross 295 lb (134 kg). Volume: 8 cu ft (0.227 cu m)
<b>WARRANTY</b>	One year.

## OPTIONS



### Stainless Steel Cart

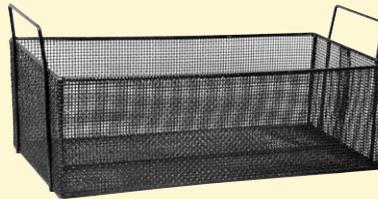
Perfect for your complete outfit. Welded joints and handle. Room below for coolant tank and extras. Heavy-duty lockable wheels. Dimensions: 30 x 60" (762 x 1524 mm) footprint. Height: 37" (939.8 mm) to top of handle. 27" (686 mm) to top shelf. Part No. S-202

### Cabling options

20 foot (6 m) Power Cable	Part #S-220
20 foot (6 m) Ground Cable	Part #S-221



**360 degree rotary head attachment.** Adds angle capability to bolt-down supports. Part No. S-205



**Accessory Basket** Rubber coated heavy wire basket for head, cables, accessories. Part No. S-204



### Coolant Tank

16-gallon durable plastic tank resists corrosion. Built-in filter, barbed fitting for quick disconnect. Large screw-on fill cap with pressure relief valve. Fits on cart lower deck. Part No. S-203

V1019

**ELECTRO ARC MANUFACTURING COMPANY** *STILLION INDUSTRIES*

**USA**  
Phone: (734) 475-8527  
Fax: (734) 475-2902  
sales@electroarc.com

www.electroarc.com



**UK**  
Phone +44 (0) 1384 231535  
Fax: +44 (0) 1384 252834  
sales@electroarc.co.uk