



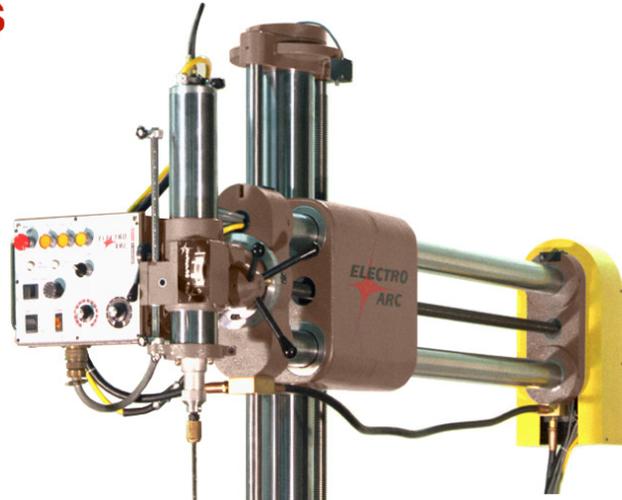
# METAL DISINTEGRATORS



**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.



## Tap Zapper Max

**Big workspace, motorized positioning**

Customized table configuration for oversize parts

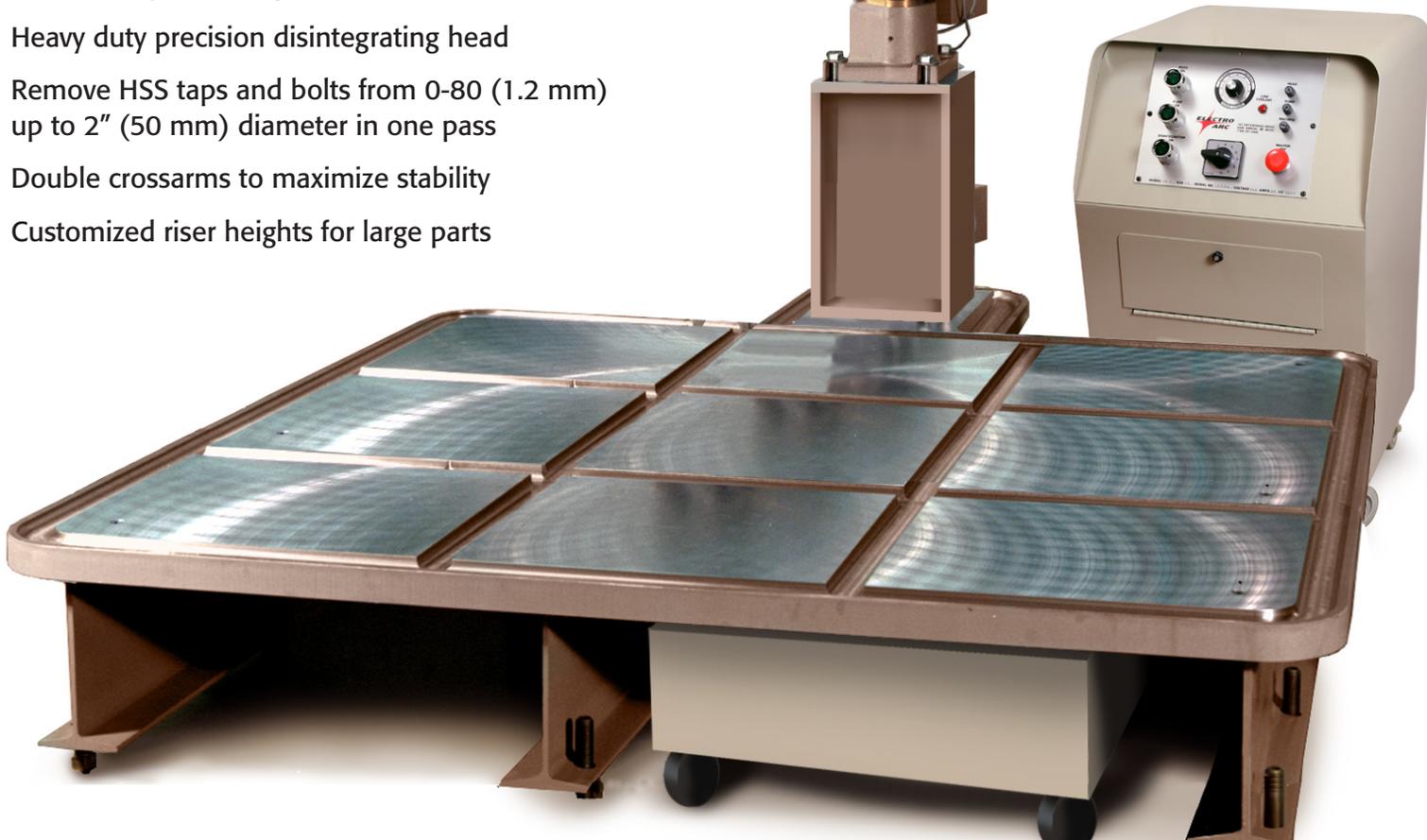
Motorized cross arm lift and in/out movement for ease of positioning

Heavy duty precision disintegrating head

Remove HSS taps and bolts from 0-80 (1.2 mm) up to 2" (50 mm) diameter in one pass

Double crossarms to maximize stability

Customized riser heights for large parts



# Tap Zapper Max

## FEATURES

<b>OPERATING HEAD</b>	Heavy-duty precision IQ disintegrating head works by creating 50/60 positive arcs per second at the target metal with a molybdenum electrode. Provides 9" (229 mm) of rack and pinion travel. Built-in LED current monitoring indicator color-coded to maximize operator feed control. Operates at any angle. Can be rotated 360 degrees around the crossarm axis. Head body is hard chromed 3 <sup>1</sup> / <sub>4</sub> " (83 mm) diameter, precision ground to .002" (.05 mm) runout. Feed scale graduated in 1 <sup>1</sup> / <sub>16</sub> " (1 mm) increments. Anti-Fall system prevents mishaps. Built-in thermal protection to prevent overheating.
<b>AUTO FEED</b>	Variable speed with two selectable ranges. Adjustable depth stop and manual Feed.
<b>HEAD CONTROL PANEL</b>	Control On allows lift and crossarm movement. Rocker switches control up/down, forward/reverse head traversing with variable-speed control for precise positioning. Machine On starts head vibration, coolant pump, and disintegration. Auto-Feed On, Feed Rate, Feed Range, Amp Sensing potentiometer, Emergency Stop, Power On indicator, Low Coolant light.
<b>SUPER-STRUCTURE</b>	<b>Column:</b> Hard chrome plated, 4 <sup>1</sup> / <sub>4</sub> " (107 mm) diameter and 60" (1524 mm) high. Full-travel motorized lead screw raises/lowers crossarm. Overtravel limit switches. Motor overload protection. Work height from disintegrator head to the table is adjustable to a maximum of 40" (1016 mm) plus the riser height. <b>Radial Crossarm:</b> Vertical duplex, hard-chrome plated, each shaft 2 <sup>1</sup> / <sub>2</sub> " (63.5 mm) diameter; 41" (1041 mm) long. Crossarm travel is by motorized lead-screw, variable from 0-30 IPM (0 - 762 mm/min. Motor overload protection and overtravel limit switches. Position lockable from front control pod. Crossarm carriage swings 360 degrees around the column; head rotates 360 degrees around crossarm axis.
<b>BASE</b>	Heavy construction. Machined steel work table measuring 72" wide, 60" deep, 12" high (1828 x 1524 x 305 mm). Custom sizes available.
<b>CABINET</b>	Recessed control panel; lighted push buttons; indicator light for low water level; external fuses, and master stop push-pull switch. Heavy-duty ball bearing casters.
<b>POWER SUPPLY</b>	Input voltage options: 208, 240, 380, 480 or 550 volts AC. Power supply ratings available are 10, 15 or 20 KVA. Circuit breaker protection. *See power supply option details below.
<b>COOLANT SYSTEM</b>	Large low-profile tank on casters fits under base. Wire mesh cartridge filter intake. Pump: 2 GPM, 90 PSI. Motor 1 <sup>1</sup> / <sub>3</sub> HP, single phase, 120 volt.
<b>SHIPPING DATA</b>	Approximate weights: net 1500 lb. (680.3 kg), gross domestic 1680 lb. (762 kg), gross export 1750 lb. (793.8 kg). Volume: 100 cu. ft. (2.83 M)
<b>WARRANTY</b>	Three years.

## OPTIONS

V0116

### \*Choosing A Power Supply

To remove broken taps in one pass:

<b>10 KVA</b>	<b>from</b>	<b>#2 (2 mm)</b>	<b>to</b>	<b>3/4" (19 mm)</b>
<b>15 KVA</b>	<b>from</b>	<b>#2 (2 mm)</b>	<b>to</b>	<b>1-1/4" (32 mm)</b>
<b>20 KVA*</b>	<b>from</b>	<b>#6 (3 mm)</b>	<b>to</b>	<b>2" (50 mm)</b>

\*with IQ Head only, can be ordered Water Cooled

### Superstructure options

72" (1828 mm) Column height

54" (1372 mm) Crossarm length

**USA**  
Phone: (734) 761-5400  
Fax: (734) 761-5426  
www.electroarc.com  
sales@electroarc.com



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