Tap Zapper Flex

Multiple work surfaces for large parts

Salvage parts without damage in minutes

IQ head can handle small 0-80 (1.2 mm) up to 2” (50 mm) diameter tooling in one pass

Auto Feed eliminates potential operator error and maximizes performance while minimizing electrode usage

Disintegrates broken screws, fasteners, bolts and taps with no heat distortion or thread damage

Double crossarms with power lift provide rigidity and easy positioning

T-slots make it easy to secure parts

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**Performance**

<table>
<thead>
<tr>
<th>Broken Tooling</th>
<th>Removal Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>0-80 TO 10-32</td>
<td>UNDER 1 min.</td>
</tr>
<tr>
<td>1/4”</td>
<td>1 - 2 min.</td>
</tr>
<tr>
<td>5/16”</td>
<td>1.5 - 2.5 min.</td>
</tr>
<tr>
<td>3/8”</td>
<td>1.5 - 2 min.</td>
</tr>
<tr>
<td>1/2”</td>
<td>2 - 4 min.</td>
</tr>
<tr>
<td>5/8”</td>
<td>1.5 - 2.5 min.</td>
</tr>
<tr>
<td>3/4”</td>
<td>2.5 - 3.5 min.</td>
</tr>
</tbody>
</table>

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sales@electroarc.com
**STANDARD FEATURES**

**OPERATING HEAD**
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 3/4” (83 mm) diameter, precision ground to .002” (.05 mm) runout. Feed scale graduated in 1/16” (1 mm) increments. Anti-Fall system prevents mishaps. Built-in thermal protection to prevent overheating.

**AUTO FEED**
Variable speed with two selectable ranges. Adjustable depth stop and manual Feed.

**HEAD CONTROL PANEL**

**SUPER-STRUCTURE**
- **Column:** Hard chrome plated, 2½” (40 mm) diameter and 72” (1828 mm) high. Full-travel motorized lead screw raises/lowers crossarm. Overtravel limit switches. Motor overload protection.
- **Radial Crossarm:** Vertical duplex, hardened, each shaft 1½” (38 mm) diameter; 36 or 48” (914 or 1219 mm) long. Crossarm carriage swings 360 degrees around the column; head rotates 360 degrees around crossarm axis.

**WORKTABLE**
Heavy construction. Ground, cast iron work table measuring 74” wide, 62” deep, 12” high (1880 x 1575 x 305 mm). Custom sizes available.

**POWER CABINET**
Overall: 51” wide x 39” deep (1245 x 1003 mm), 34” (864 mm) high. Ground, cast iron work top 46 x 26” (1168.4 x 660.4 mm) with 8000-lb. (3628 kg) capacity. Eight 3/4” (19 mm) “T” slots, coolant spill trough and drain. Recessed control panel with oil-tight lighted push buttons, low coolant level indicator light, external fuses, and master stop push-pull switch. Supported by four heavy-duty ball bearing casters and machine levelers.

**POWER SUPPLY**
Input voltage options: 208, 240, 380, 480 or 550 volts AC. Power supply ratings available are 15 or 20 KVA. Circuit breaker protection. *See power supply option details below.

**COOLANT SYSTEM**
17.5 gallon (66.2 l) low-profile tank on casters fits under base. Wire mesh cartridge filter intake. Pump (located in power cabinet): 2 GPM, 90 PSI. Motor 1/3 HP, single phase, 120 volt.

**SHIPPING DATA**
Approximate weights: net 2200 lb. (998 kg), gross domestic 2500 lb. (1134 kg), gross export 2800 lb. (1270 kg). One Year.

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**OPTIONS**

*Choosing A Power Supply*
To remove broken taps in one pass:

<table>
<thead>
<tr>
<th>Voltage</th>
<th>Range</th>
</tr>
</thead>
<tbody>
<tr>
<td>15 KVA</td>
<td>up to 1-1/4” (32 mm)</td>
</tr>
<tr>
<td>20 KVA</td>
<td>up to 1-1/4” 2” (50 mm)</td>
</tr>
</tbody>
</table>

- **Dual Coolant Valve**
  Select external coolant source or the built-in coolant tank. Part # A6448

- **Remote Start/Stop**
  Part # A3258

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**Configuration options**

<table>
<thead>
<tr>
<th>Column Options</th>
<th>Crossarm Options</th>
<th>Cable Extensions</th>
</tr>
</thead>
<tbody>
<tr>
<td>60” Column (1524 mm)</td>
<td>36” (914 mm)</td>
<td>10 foot (3 m)</td>
</tr>
<tr>
<td>72” Column (1828 mm)</td>
<td>48” (1219 mm)</td>
<td>7.5-foot (2.3 m)</td>
</tr>
</tbody>
</table>

- **Union for Power Coolant Cables**
  Part # 6421

- **IQ Head Extension Cable**
  Part # A5158

- **Auto Feed Extension Cable**
  Part # A5156

- **10 foot Ground Cable**
  Part # A5127-10

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**ELECTRO ARC MANUFACTURING COMPANY**

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

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

www.electroarc.com