



## REMOVE BROKEN TAPS BOLTS & DRILLS IN MINUTES

### PERFORMANCE

BROKEN TOOLING ONE INCH DEEP	REMOVAL TIME
0-80 TO 10-32	UNDER 1 min.
1/4"	1 - 2 min.
5/16"	1.5 - 2.5 min.
3/8"	1.5 - 2 min.
1/2"	2 - 4 min.
5/8"	1.5 - 2.5 min.
3/4"	2.5 - 3.5 min.



## MODEL 1-SVT

Larger worktop disintegrator with Auto Feed

The Variable-speed Auto Feed and presettable shutoff/retract enable hands-free disintegration.

Disintegrates broken screws, fasteners, bolts and taps without any heat distortion or thread damage

"Intuitive" LED Power Indicator for optimum feed control

Reliable, accurate Arc•er Head can be used with supports such as a drill press

Big 40 x 32" work surface – milled, polished cast iron with seven T-slots make it easy to secure your work

Choose 10 or 15 KVA for the power required for your application

Vertically-set double crossarms provide rigidity for more accurate cutting

12-inch Lift Rack makes positioning easy

Built to handle years of continuous service with minimal maintenance

**MADE IN USA**

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# MODEL 1-SVT

## STANDARD FEATURES

<b>OPERATING HEAD</b>	The Arc•er portable disintegrator head provides reliable, accurate heavy-duty service with minimal maintenance. The state-of-the-art LED Amp Meter right in the body makes process control easy. Length: 12½" (317.5 mm). Weight: 5.5 lb. (2.49 kg). A ½" (12.7 mm) diameter, 2" (50.8 mm) long straight arbor allows the head to be used remotely in fixtures or with other machine tools.
<b>AUTO FEED</b>	Variable speed with two selectable ranges. Adjustable depth stop. Manual Feed available.
<b>SUPPPORT</b>	<b>Column:</b> Hard chrome plated, 2¾" (70 mm) diameter and 50" high (1270 mm) (see taller column options below). The work height from the disintegrator head to the table is adjustable to a maximum of 36" (762 mm) (72" – 1828 mm – to the floor). Base secured by 5/8" (11 mm) T-bolts allowing disintegrating head to be positioned anywhere on the work surface. <b>Radial Crossarm:</b> 2 hardened 36" (914 mm) crossarms 1½" (38 mm) diameter. Linear ball bearings. Crossarm casting rotates a full 360° around column. Separate manual locks for height and rotation and a 12" (305 mm) lift rack for precise vertical positioning.
<b>BASE</b>	Heavy, reinforced frame construction. Ground, cast iron work table 40" (1016 mm) wide, 32" (812.8 mm) deep, 34" (863.6 mm) high. 3000 lb. (1360.7 k) capacity. Seven 5/8" (15.8 mm) "T" slots. Recessed control panel; lighted push buttons; indicator light for low water level; external fuses; master stop; four heavy-duty ball bearing casters and machine levelers..
<b>POWER TRANSFORMER</b>	110, 240, 380, 480, or 550 volt. Disintegrator transformer ratings are available in 10 or 15 KVA. (Higher KVA ratings mean you can effectively disintegrate over a larger surface area at a given rate.) Cutting heat settings: 10 KVA: 8 settings. 15 KVA: 10 settings. Circuit breaker protection. Machine tool electrical standards.
<b>COOLANT SYSTEM</b>	Pull out tank for easy cleaning. Cartridge type, filtered-intake. Pump: 2 GPM; 90 PSI; 1/3 HP motor, single phase, 120 volt. Power coolant cable (conducts both liquid coolant and low-voltage current): double stranded, woven copper braid with polyvinyl cover. 7.5-foot (2.3 m) standard; ten-foot (3.26 m) available.
<b>SHIPPING DATA</b>	Approximate weights - Net: 1050 lb. (476 k), Gross domestic: 1175 lb. (532.97 k), Gross export: 1250 lb. (566.9 k), Cubic feet: 70 (1.98 M³)
<b>WARRANTY</b>	One year.

**MADE IN USA**

## OPTIONS *Must be selected with original machine order*

V1120

### \*Choosing A Power Supply

To remove broken taps in one pass:

**10 KVA up to 3/4" (19 mm)**  
**15 KVA up to 1-1/4" (32 mm)**

Options below facilitate using disintegrator head off the worktop

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



**Remote Start/Stop**  
 Part # A3258

**3000 lb. Permanent Magnetic Base**  
 For taking disintegration off the table. For standard height 50" (1270 mm) column only.  
 Part # A2452



### Cable Extensions

10 foot (3 m) Power Coolant Cable	Part # 5126-2
7.5-foot (2.3 m) Power Cool. Cable	Part # 5126-1
Union for Power Coolant Cables	Part # 6421
Auto Feed Extension Cable	Part # A5156
10 foot (3 m) Ground Cable	Part #A5127-10

### Taller Column Options

These columns have a bolt-on base. They cannot be used with the 3000 lb. Magnetic Base.

60" column  
 Part # 2400-3  
 72" column  
 Part # 2400-4

**ELECTRO ARC MANUFACTURING** A STILLION INDUSTRIES COMPANY

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