



**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-SVC**

**DC power disintegrates carbide tooling  
– a larger tabletop for serious shops**

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

Disintegrates tooling from  
#2 (2 mm) up to 1-1/4"  
(32 mm) diameter in one  
pass

Double crossarms provide  
rigidity for easy positioning,  
tight performance

Servo controlled  
disintegrating feed system  
for minimal operator  
intervention

Manual or Servo Feed

Minimal maintenance

**Made in USA**

## STANDARD FEATURES

<b>OPERATING HEAD &amp; SERVO FEED</b>	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 shutoff. 12" (305 mm) continuous rack-and-pinion feed. Graduated feed scale in $\frac{1}{16}$ " (1 mm) increments. Adjustable counterbalance spring. Quill protected by two bellows covers. Automatic Servo Feed works in any position.
<b>AUTO FEED</b>	Variable speed with two selectable ranges. Adjustable depth stop. Manual Feed available.
<b>SUPERSTRUCTURE</b>	<p><b>Radial Crossarm:</b> Vertical-plane double-barrel design offers rigidity without excess mass. 2 hardened 36-inch crossarms <math>1\frac{1}{2}</math>-inch diameter. Linear ball bearings. Crossarm casting rotates a full 360 degrees around the column. Separate manual locks for height and rotation.</p> <p><b>Column:</b> Hard chrome plated, <math>2\frac{3}{4}</math>" diameter and 50" high (a 60" column is an available option). 12" lift rack for raising and lowering the crossarm. The work height from the disintegrator head to the table is adjustable to a maximum of 36" (72" to the floor).</p>
<b>BASE</b>	Heavy, reinforced frame construction. Ground, cast iron work table measuring 40" wide, 32" deep, 34" high. 3000 lb. capacity. Seven $\frac{5}{8}$ " "T" slots. Recessed control panel; lighted push buttons; indicator light for low water level; external fuses; master stop; four heavy-duty ball bearing casters.
<b>POWER SUPPLY</b>	Controlled rectified DC cutting power with eleven heat selections. Control panel includes lighted push buttons for Start/Stop, lighted Power On indicator, DC Amp meter for the cutting circuit, rotary switches for Vibration and Coolant Pump, external fuse for the Head Vibration and power supply. Jog switch moves spindle up/down in quill. A resettable thermal circuit breaker protects the Disintegration circuit. Rotary selector switch for cutting power, potentiometer controls for Vibration Amplitude and Servo Feed.
<b>COOLANT SYSTEM</b>	Coolant tank side mounted. 3.5 GPM (795 l/hr) rotary gear pump, 50 PSI (3,52 kgf/cm <sup>2</sup> ), 1/2 HP motor, single phase, 120 volt. Power Coolant Cable double stranded, woven copper braid with polyvinyl cover. 10 ft (3 m) standard
<b>SHIPPING DATA</b>	Approximate weights - Net: 1050 lb., Gross domestic: 1175 lb., Gross export: 1250 lb., Cubic feet: 70
<b>WARRANTY</b>	One year.

## OPTIONS

### 60" column

Part No. \_\_\_\_\_

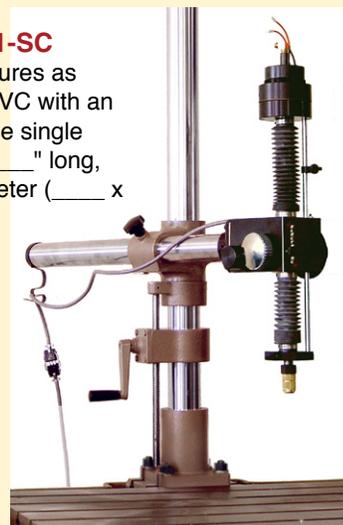


### 3000 lb. Permanent Magnetic Base

For taking disintegration off the table. Part # A2452

### MODEL 1-SC

Same features as Model 1-SVC with an easy-to-use single crossarm \_\_\_\_" long, \_\_\_\_" diameter (\_\_\_\_ x \_\_\_\_ mm)



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