



**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 1SAC

**DC Power disintegrates**

**Carbide Tooling**

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

Single crossarm provides rigidity, making positioning easy

Servo controlled disintegrating feed system for minimal operator intervention

Manual or Servo Feed

Minimal maintenance



**Made in USA**

# Model 1-SAC Metal Disintegrator

## Standard Features

**Operating Head**

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 1/16" (1 mm) increments. Adjustable counterbalance spring. Quill protected by two bellows covers. Automatic Servo Feed works in any position.

**Support**

**Radial Crossarm:** Single 30 inch" (762 mm) shafts 21/24inch (57.15 mm) dia., Crossarm casting rotates 360° around column. Separate manual locks for height and rotation.  
**Column:** Hard chrome plated, 23/4" (70 mm) dia., 50" (1270 mm) high. Maximum work height under spindle to table: 30" (762 mm) or 72" (1828 mm) to floor. Base secured by 3/4" (19 mm) T-bolts allowing disintegrating head to be positioned anywhere on the work surface.

**Base**

Heavy, reinforced frame construction. Overall: 31" wide x 32" deep (1245 x 1003 mm), 34" (864 mm) high. Ground, cast Iron work top 26 x 18" (880 x 591 mm) with 4000-lb. capacity. Six 3/4 inch (19 mm) "T" slots. Four heavy-duty ball bearing casters with leveling jacks.

**Coolant System**

Coolant tank side mounted. with 3rd hose pump and motor assembly. Power Coolant Cable double stranded, woven copper braid with polyvinyl cover. 10 ft (3 m) standard; see options below.

**Warranty**

1 year warranty

Made in USA

## Options

### Dual Coolant Valve

Select external coolant source or built-in coolant Tank

Part #A6448



### 3000 lb. Permanent Magnetic Base

For taking disintegration off the table. Securely holds to any sturdy ferrous-metal surge. For standard height 50" (1270 mm) column only

Part # A2452



### Cable Extensions

10 foot (3 m) Power Coolant Cable	Part #S-104
7.5-foot (2.3 m) Power Coolant Cable	Part #S-104-1
Union for Power Coolant Cables	Part #A6421
10 foot (3 m) Ground Cable	Part #A5127-10
Servo Control Extension 10 foot (3m) Cable	Part #E-203

### Taller column options

These columns are supplied with a bolt-down base. They cannot be used with the 3000 lb. magnetic base.

60" column  
Part # 2400-3

72" column  
Part # 2400-4

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