



**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-SAT

### Versatile, larger worktop disintegrator

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

“Intuitive” LED Power Indicator for optimum feed control

Arc\*er portable head for use with your machine tool or in the fixture

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

Choose 3, 10, or 15 KVA for the power required for your application

Single crossarm provides rigidity rigidity for more accurate cutting

12-inch Lift Rack makes positioning easy

30” (762 mm) of work space between spindle and table

**MADE IN USA**





# MODEL 1-SAT

## 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 12 1/2" (317mm). Weight: 5.5 LB (2.49KG). A 1/2" (12.7mm) diameter 2" (50.8mm) long straight arbor allows the head to be used remotely with other machine tools
<b>Support</b>	Hard chrome plated 2 3/4" (70mm) diameter and 50" high (1270MM) (see taller column options below). The work height from the disintegrator head to the table is adjustable to a maximum of 36" (762mm) (72" - 1828mm - to the floor). Base secured by 5/8" (11mm) T-bolts allowing disintegrating head to be positioned anywhere on the work surface. <b>Radial crossarm:</b> 2 Hardened 36" (914mm) crossarms 1 1/2" (38 mm) diameter. Linear ball bearings. Crossarm casting rotates at full 360 degree angle 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) 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>Coolant System</b>	Pull out tank for easy cleaning. Cartridge type, filtered-intake. Pump: 2 GPM; 90PSI; 1/3 HP motor, single phase, 120 volt, Power coolant cable 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: 1250lb. (566.9 k), Cubic feet: 70 (1.98 m)



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

V0221

### \*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)**

### 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

### Options below facilitate using disintegrator head off the worktop

#### Dual Coolant Valve

Select external coolant source or the built-in coolant tank.  
Part # A6448



#### 3000 lb. Permanent Magnetic Base

For taking disintegration off the table. For standard height 50" (1270 mm) column only.  
Part # A2452



#### Remote Start/Stop

Part # A3258

#### Cable Extensions/options

10 foot (3 m) Power Coolant Cable Part # 5126-2

Union for Power Coolant Cables Part # 6421

10 foot (3 m) Ground Cable Part #A5127-10

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