



**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 2-SAT

**Versatile, mid-size worktop disintegrator**

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

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

"Intuitive" LED Power Indicator for optimum feed control

Reliable, accurate Arc'er Head can be used in portable mode with supports such as a drill press

Good-sized 31 x 30" work surface – milled, polished cast iron with six T-slots for securing your work

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

Convenient single crossarm

36" (914 mm) of work height between spindle and table





# Model 2-SAT

## STANDARD FEATURES

- OPERATING HEAD** 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" (317.5 mm). Weight: 5.5 lb. (2.49 kg). A 1/2" (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..
- AUTO FEED** Variable speed with two selectable ranges. Adjustable depth stop. Manual Feed available.
- SUPERSTRUCTURE** **Column:** Hard chrome plated, 2 3/4" (40 mm) diameter and 50" (1270 mm) high (a 60" –1523 mm – column is an available option). Maximum work height from the disintegrator head to the table: 36" (914 mm) or 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.  
**Radial Crossarm:** Hard-chrome plated, 2 1/4" (63 mm) diameter; 30" long (762 mm). Rotates a full 360 degrees around the column. 12" (305 mm) lift rack for raising and lowering. Manually locks in position.
- BASE** Heavy reinforced frame construction. Overall: 31 x 31 7/8" (787 x 810 mm), 34" (864 mm) high. Ground, cast iron work top 26 x 18 1/4" (660 x 464 mm). Six 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 TRANSFORMER** 110, 240, 380, 480, or 550 volt. Disintegrator transformer ratings are available in 3, 10 or 15 KVA. (Higher KVA ratings mean you can effectively disintegrate over a larger surface area at a given rate.) Cutting heat settings from 5 to 10 depending on KVA ordered. Circuit breaker protection. Machine tool electrical standards.
- COOLANT SYSTEM** 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: 7.5-foot (2.3 m) double stranded woven copper braid; polyvinyl cover.
- SHIPPING DATA** Approximate weights: Gross domestic 650 lb. (295 kg), Gross export 990 lb. (449 kg). Volume: 59 cu. ft. (1.67 M³).
- WARRANTY** One year.



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

V0221

### \*Choosing A Power Supply

To remove broken taps in one pass:

- 3KVA up to 3/8" / 10 mm**
- 10 KVA up to 3/4" (19 mm)**
- 15 KVA up to 1-1/4" (32 mm)**

### Taller Column Options

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

- 60" column      72" column
- Part # 2400-3      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. Securely holds to any sturdy ferrous-metal surface. 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
- 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

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