



**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-SVQT**

**Versatile, larger worktop disintegrator**

Heavy-duty "IQ" head has the precision to remove smaller diameter tooling. And with the optional 20KVA power supply it can disintegrate up to a 1" (24mm) diameter circle.

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

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

36" (762 mm) of work space between spindle and table

Built to handle years of continuous service with minimal maintenance



## STANDARD FEATURES

- OPERATING HEAD** Heavy-duty "Q" (in-the-quill) head operates in any position creating sixty positive arcs per second. Can use any conductive material as an electrode. Graduated scale in  $\frac{1}{16}$ " (1.5 mm) linear increments and 360 degree rotation around crossarm axis. Built-in LED power indicator.
- AUTO FEED** Variable speed with two selectable ranges. Adjustable depth stop. Manual Feed available.
- SUPPORT** **Column:** Hard chrome plated,  $2\frac{3}{4}$ " (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  $\frac{5}{8}$ " (11 mm) T-bolts allowing disintegrating head to be positioned anywhere on the work surface. **Radial Crossarm:** 2 hardened 36" (914 mm) crossarms  $1\frac{1}{2}$ " (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.
- BASE** 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  $\frac{5}{8}$ " (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.
- POWER TRANSFORMER** 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 and 20 KVA: 8 settings. 15 KVA: 10 settings. Circuit breaker protection. Machine tool electrical standards.
- COOLANT SYSTEM** Pull out tank for easy cleaning. Cartridge type, filtered-intake. Pump: 2 GPM; 90 PSI;  $\frac{1}{3}$  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.
- SHIPPING DATA** 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 M<sup>3</sup>)
- WARRANTY** One year.



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

V1120

### \*Choosing A Power Supply

To remove broken taps in one pass:

<b>10 KVA</b>	<b>up to</b>	<b>3/4" (19 mm)</b>
<b>15 KVA</b>	<b>up to</b>	<b>1-1/4" (32 mm)</b>
<b>20 KVA*</b>	<b>up to</b>	<b>2" (50 mm)</b>

Higher power ratings (KVA) mean you can disintegrate using a larger diameter electrode. \*20 KVA available only with Auto Feed and Amp Sensing options.

### Taller Column Options

These columns have a bolt-on 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. For standard height 50" (1270 mm) column only.  
Part # A2452



**Remote Start/Stop**  
Part # A3258

### Cable Extensions

10 foot (3 m) Power Coolant Cable	Part # 5126-2
Union for Power Coolant Cables	Part # 6421
IQ Head Extension Cable	Part # A5158
Auto Feed Extension Cable	Part # A5156
10 foot Ground Cable	Part #A5127-10