



**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-DVQT

HSS tooling removal

Salvage parts without damage in minutes

IQ head can handle small 0-80 (1.2 mm) up to 2" (50 mm) diameter tooling in one pass

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

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

Vertically-set double crossarms provide rigidity, make positioning easy

30" (762 mm) of work height between spindle and table

Easy to secure parts to the work surface

Minimal maintenance required

**MADE IN USA**

STANDARD FEATURES

OPERATING HEAD	Heavy-duty precision IQ disintegrating head works by creating 50/60 positive arcs per second at the target metal with a molybdenum electrode. Provides 9" (229 mm) of rack and pinion travel. Built-in LED current monitoring indicator color-coded to assist operator feed control. Operates at any angle. Can be rotated 360 degrees around the crossarm axis. Head body is hard chromed 3 1/4" (83 mm) diameter, precision ground to .002" (.05 mm) runout. Feed scale graduated in 1/16" (1 mm) increments. Hassle-free Anti-Fall system prevents mishaps. Built-in thermal protection to prevent overheating.
AUTO FEED	Variable speed with two selectable ranges. Adjustable depth stop. Manual Feed available.
SUPERSTRUCTURE	Column: Hard chrome plated, 2 3/4" (70 mm) diameter x 50" (1270 mm) high for a maximum working height of 30" (762 mm) from spindle tip to table and 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 Crossarms: Two hardened 36" (914 mm) shafts 1 1/2-inch (38 mm) diameter, traveling in recirculating ball bearings. Crossarm casting rotates 360° around column. Separate manual locks for height and rotation and a 12-inch (305 mm) lift rack for precise vertical positioning.
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 5/8" (11 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 SUPPLY	Input voltage options: 208, 240, 380, 480, or 550 volts AC. Power supply ratings available are 10, 15, or 20 KVA. Circuit breaker protection. *See power supply option details below.
COOLANT SYSTEM	Built-in coolant tank. Wire mesh cartridge filter intake. Pump: 2 GPM, 90 PSI. Motor 1/3 HP, single phase, 120 volt. Power coolant cable (conducts both liquid coolant and low-voltage current) 7 1/2 ft. (2.3 m).
SHIPPING DATA	Approximate weights: Gross domestic 650 lb. (295 kg), Gross export 990 lb. (449 kg). Volume: 59 cu. ft. (1.67 M).
WARRANTY	One year.



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)**
- 20 KVA* up to 2" (50 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 |
| Union for Power Coolant Cables | Part # 6421 |
| IQ Head Extension Cable | Part # A5158 |
| Auto Feed Extension Cable | Part # A5156 |
| 10 foot (3 m) Ground Cable | Part # A5127-10 |

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