

ELECTRO ARC

METAL DISINTEGRATORS



MODEL 2-DV



MODEL 2-DVT



MODEL 2-DVQ



MODEL 2-DVQT

2-DV Series

HSS tooling removal

All four models salvage parts without damage in minutes – disintegrate broken screws, fasteners, bolts and taps – no heat distortion or thread damage

Vertically-set double crossarms provide rigidity, make positioning easy

Choose IQ head or Arc•er Head

Choose Auto Feed or Manual Feed

Choose from four power supply options

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

Easy to secure parts to the work surface

Minimal maintenance required

See full specifications on page 2

REMOVE BROKEN TAPS BOLTS & DRILLS IN MINUTES

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

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.



Made in USA

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Model 2-DV Series SPECIFICATIONS

Choosing the features you need

"Q" Head— top performer (Q/QT models)

In-the-quill disintegrator head gives continuous, reliable, heavy-duty service for the most demanding applications. Low-maintenance construction and design. The head is 3 1/4" diameter, hard chromed and precision ground with .002 run-out and 9" of vertical rack and pinion travel. Thermal protection cutout with Operator Alert can prevent expensive damage.

Compact, durable **ARC-ER** Head

This 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.

Head is 12 1/2" long overall and weighs 5.5 lb. A 1/2" diameter, 2" long straight shank allows the head to be used remotely in fixtures or with other machine tools.

Features by MODEL

	Q Head	Auto Feed	ARC-er Head	Spring Feed
2DV				
2DVT				
2DVQ				
2DVQT				

Automatic Feed

Transistorized feed provides 9" uninterrupted feed for **hands-free** operation. Eliminates operator error, maximizes performance, minimizes electrode usage. Features adjustable automatic shutoff, auto stop, variable 2-speed, feed rate selector and plug-in integrated circuit board.

Spring Feed

Assists operator in feeding the disintegrator head in a continuous movement. Manually adjusted. Adjustable depth stop with automatic shutoff/retract.

Options available with 2DV Series models:

- Transformer Power rating: 3, 10, 15, or 20 KVA
 - Column height: 50" (standard) or 60"
 - Power Coolant Cable length: 7.5 ft (std.) or 10 ft
- Each of these choices affects your final cost.

STANDARD FEATURES for all four models

OPERATING HEAD	Both heads work 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. Operate at any angle. Can be rotated 360 degrees around the crossarm axis. Feed scale graduated in 1/16" (1 mm) increments.
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 3/4" (19 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 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 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.
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.

V0920

3000 lb. Permanent Magnetic Base
For taking disintegration off the table. Part # A2452



OPTIONS must be selected with original order

Dual Coolant Valve

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



Remote Start/Stop
Part # A3258



Auto Feed Remote Control
Machine Start/Stop, Auto Feed controls and LED Current Monitor. 20KVA only with Amp Sensing. Part # A3262



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