

**ELECTRO
ARC**

METAL DISINTEGRATORS



MODEL 2-DV

MODEL 2-DVT



MODEL 2-DVQ



MODEL 2-DVQT

Model HK-6VQT

**Eliminates broken-tooling problems
in high-speed steel**

Huge working surface with plenty of room under the spindle for large parts

Generous coolant returns and T-slots to secure parts

Automatic or manual feed for ease of operation

Unlimited positioning with radial and linear movements

Minimal maintenance required

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

Made in USA

**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.





Model HK-6V 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

MODEL	Q Head	Auto Feed	Arc-er Head	Spring Feed
HK-6V	●	●	●	●
HK-6VT	●	●	●	●
HK-6VQ	●	●	●	●
HK-6VQT	●	●	●	●

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" / 40 mm diameter x 50" / 127 mm high for a maximum working height of 30" from spindle tip to table and 72" / 1828 mm to the floor. Base secured by 5/8" T-bolts allowing support to be positioned anywhere on work surface. Radial Crossarms: double, hardened, each 1 1/2" / 38 mm diameter x 36" / 914 mm, extending/retracting easily in a set of four recirculating ball bearings. 12" lead-screw crossarm lift rack. Head rotates a full 360 degrees around the column. Separate manual locks for height and rotation.
BASE	Ground, cast iron work top 51" / 1296 mm wide x 39" / 990 mm deep, 34" / 864 mm high. 8000-lb. capacity. Six 5/8" / 15.8 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. *See power supply option details below. Circuit breaker protection.
COOLANT SYSTEM	Pull out tank for easy cleaning. Cartridge filter on intake hose. 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-foot / 2.3 m.
SHIPPING DATA	Approximate weights: Net 1375 lb., Gross domestic 1550 lb., Gross export 1675 lb. Cubic feet: 100
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 with Amp Sensing. 20KVA only. Part #A3262



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