



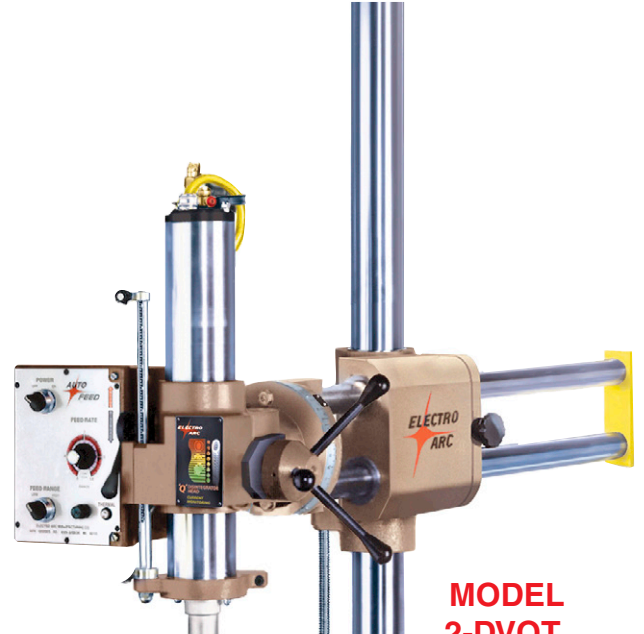
MODEL 2-DV

MODEL 2-DVT



IQ Head

MODEL 2-DVQ



MODEL 2-DVQT
IQ Head & Auto Feed

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

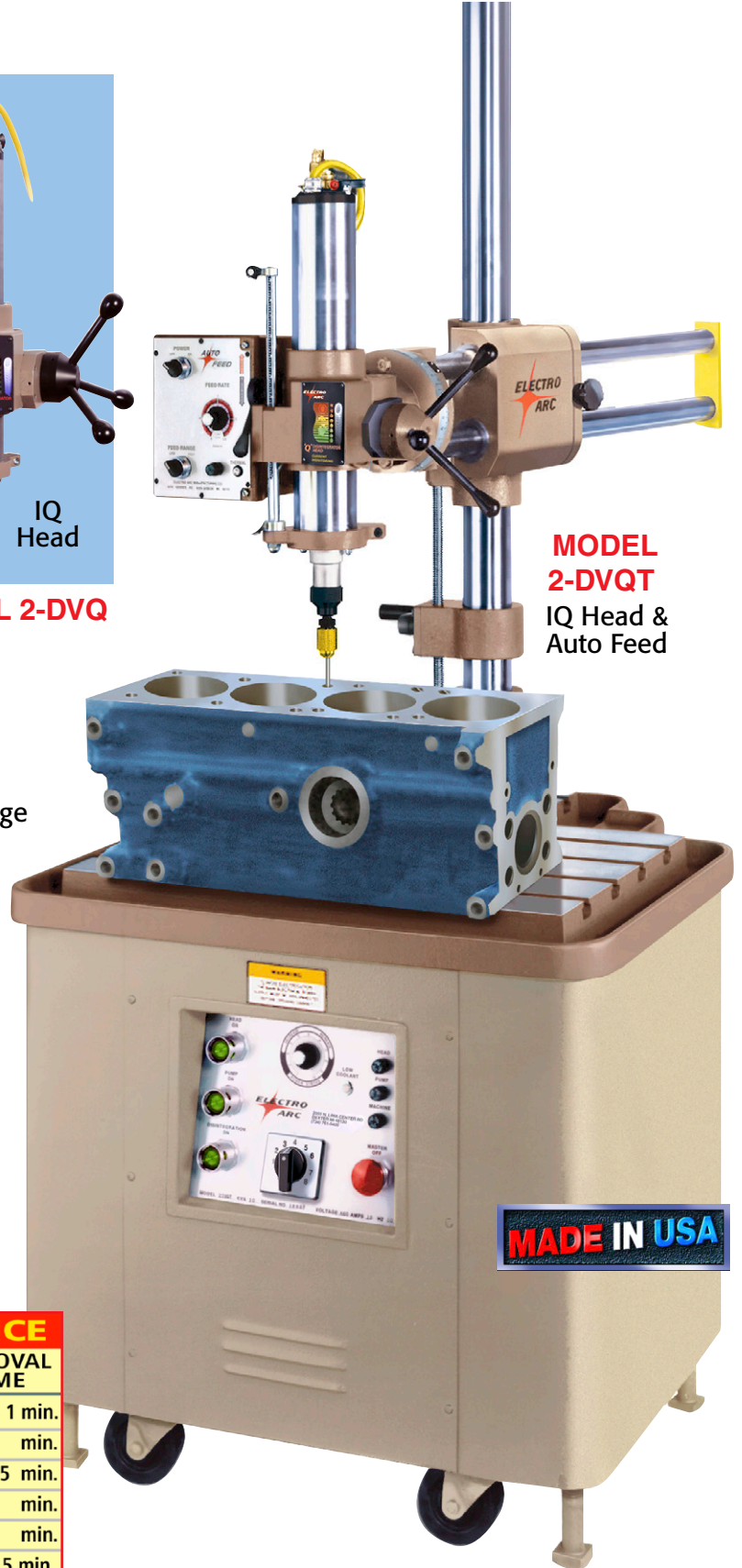
Choose from four power supply options

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

Easy to secure parts to the work surface

Minimal maintenance required

See more specifications on page 2



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.



2-DV Series SPECIFICATIONS

Choosing the features you need

“IQ” Head– top performer (Q/QT models)

In-the-quill disintegrator head gives continuous, reliable, heavy-duty service for the most demanding applications. Provides 9” (229 mm) of rack and pinion travel. Low-maintenance construction and design. Head body is hard chromed 3 1/4” (83 mm) diameter, precision ground to .002” (.05 mm) runout. Thermal protection cutout with Operator Alert can prevent expensive damage.

Spring Feed

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



Automatic Feed

Transistorized feed provides 9” (229 mm) 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. Amp Sensing moderates feed (20KVA models, IQ Head only).

Features by MODEL

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

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. 60” (1523 mm) or 70” (1778 mm) column heights available. 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 3, 10, 15, or 20 KVA. (Note: 20KVA power supply works with IQ Head only.) 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). 10’ (3.26 m) length available.
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.



V0221

Power Supply choices

Tap size range each power rating disintegrates in one pass:

RATING	MIN	MAX
3 KVA	0-80/1.5 mm	3/8”/10 mm
10 KVA	0-80/1.5 mm	3/8”/10 mm
15 KVA	#2/2 mm	3/4”/19 mm
20 KVA	#6/3 mm	2”/50 mm

3000 lb.

Permanent Magnetic Base

For taking disintegration off the table. For 50” (1270 mm) column only. Part # A2452



OPTIONS

must be selected with original order

Dual Coolant Valve

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



See column sizes in specs above.



Remote Start/Stop Part # A3258

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