



**REMOVE
BROKEN TAPS
BOLTS & DRILLS
IN MINUTES**

PERFORMANCE

BROKEN TOOLING ONE INCH DEEP	REMOVAL TIME
0-80 to 10-32 No. 1.6	UNDER 1 min.
1/4" No. 6	1 - 2 min.
5/16" No. 8	1.5 - 2.5 min.
3/8" No. 10	1.5 - 2 min.
1/2" No. 14	2 - 4 min.
5/8" No. 18	1.5 - 2.5 min.
3/4" No. 22	2.5 - 3.5 min.

Model 2-DVC

**DC Power disintegrates Carbide Tooling
– a medium-size tabletop with great
crossarm reach**

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

Disintegrates tooling from #2 (2 mm) up to
1-1/4" (32 mm) diameter in one pass

Double crossarms provide rigidity,
make positioning easy

Servo controlled disintegrating
feed system for minimal operator
intervention

Manual or Servo Feed

Minimal maintenance



Made in USA



Model 2-DVC OPTIONS & SPECIFICATIONS

STANDARD FEATURES

OPERATING HEAD & SERVO FEED	Precision-spindle disintegrating head operates in any position. Works by making and breaking 120 arcs per second. Manual or servo-controlled operation. Start and Depth Stop switches on the quill block with auto shut-off. 12" (305 mm) continuous rack-and-pinion feed. Graduated feed scale in $\frac{1}{16}$ " (1 mm) increments. Adjustable counterbalance spring. Quill protected by two bellows covers. Automatic Servo Feed works in any position.
AUTO FEED	Variable speed with two selectable ranges. Adjustable depth stop. Manual Feed available.
SUPERSTRUCTURE	Column: Hard chrome plated, $2\frac{3}{4}$ " (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 $\frac{3}{4}$ " (19 mm) T-bolts allowing disintegrating head to be positioned anywhere on the work surface. Radial Crossarms: Two hardened 36" (914 mm) shafts $1\frac{1}{2}$ -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 $31\frac{7}{8}$ " (787 x 810 mm), 34" (864 mm) high. Ground, cast iron work top 26 x $18\frac{1}{4}$ " (660 x 464 mm). Six $\frac{3}{4}$ " (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	Controlled rectified DC cutting power with eleven heat selections. Control panel includes lighted push buttons for Start/Stop, lighted Power On indicator, DC Amp meter for the cutting circuit, rotary switches for Vibration and Coolant Pump, external fuse for the Head Vibration and power supply. Jog switch moves spindle up/down in quill. A resettable thermal circuit breaker protects the Disintegration circuit. Rotary selector switch for cutting power, potentiometer controls for Vibration Amplitude and Servo Feed.
COOLANT SYSTEM	Coolant tank side mounted. 3.5 GPM (795 l/hr) rotary gear pump, 50 PSI (3,52 kgf/cm ²), 1/2 HP motor, single phase, 120 volt. Power Coolant Cable double stranded, woven copper braid with polyvinyl cover. 10 ft (3 m) standard
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.

Made in USA

OPTIONS

60" column



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

V0920

ELECTRO ARC MANUFACTURING A STILLION INDUSTRIES COMPANY

USA
Phone: (734) 475-8527
Fax: (734) 475-2902
sales@electroarc.com

www.electroarc.com



UK
Phone +44 (0) 1384 231535
Fax: +44 (0) 1384 252834
sales@electroarc.co.uk