

**ELECTRO
ARC**

METAL DISINTEGRATORS



**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-SC

DC power in a portable package

DC power supply handles removal of all high-speed and carbide tooling (taps from #2 (2 mm) to 1-1/4" (32 mm) in one pass

Heavy duty precision disintegrating head

True servo controlled feed system for minimal operator intervention

Manual feed for hassle-free setups

Roll-around power supply with large rubber wheels and coolant system



Convenient tool storage drawer with six collet holders and space for electrodes

MADE IN USA



sales@electroarc.com



Model 2-SC METAL DISINTEGRATOR

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 shutoff and 12" (305 mm) continuous rack-and-pinion feed. Graduated feed scale in $\frac{1}{16}$ " (1 mm) increments. Quill protected by 2 bellows covers. Automatic Servo Feed works at any angle.
SUPPORT FIXTURE	Column: 36" (914 mm) hard chrome plated, $2\frac{3}{4}$ " (70 mm) diameter. Crossarms/head can travel 21" vertically. Lift ring for easy transfer across your shop. Permanent magnetic base has 3,000 lb. holding force, released by lever action. Radial Crossarm: Hard-chrome plated, $2\frac{1}{4}$ " (52 mm) diameter x 15" (381 mm). Head rotates a full 360 degrees around the crossarm, which swings 360° around the column. Separate manual locks for height and rotation.
BASE/CABINET	Heavy, reinforced frame construction $20\frac{1}{8}$ " wide x 22" deep x $39\frac{1}{4}$ " high (514 x 558 x 997 mm). Coolant pump and reservoir built in. Pull-out tooling bin with rubber grommets to store collets. Four heavy-duty ball bearing casters.
POWER SUPPLY	Controlled rectified DC cutting power with eleven heat selections. Recessed 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 for easy cleaning 24" h x 15" w x 6.5" d (609 x 381 x 165 mm). Pump: 2 GPM; 50 PSI; $\frac{1}{3}$ HP motor, single phase, 120 volt. Power Coolant Cable (conducts both liquid coolant and low-voltage power): double stranded, woven copper braid with polyvinyl cover. 10-foot (3048 mm) standard.
SHIPPING DATA	Approximate weights: net 470 lb. (213 kg), gross domestic 550 lb. (250 kg), gross export 625 lb. (284 kg). Volume: 23 cu ft (0.651 cu m).
WARRANTY	One year.



OPTIONS



Dual Coolant Valve

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

Power Supply Options

Input: 240, 380, 480 or 575 volts

Cable Extensions

10 foot (3 m) Power Coolant Cable	Part #S-104
Union to connect Power Coolant Cables	Part #6421
20 foot (6 m) Ground Cable	Part #S-221
Head Cord Extension 10 ft (3m)	Part #S-212

Cable Hangers

Part #3094



Cart and Cabinet

Sturdy steel cart with large wheels carries all disintegrator components in one convenient package. Steel cabinet with drawers and lockable storage. Part #A3270

V0920

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