

**ELECTRO
ARC**

METAL DISINTEGRATORS



**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-SDC Metal Disintegrator

DC power in a portable package

DC power supply handles removal of all high-speed and carbide tooling (taps from #2 (2 mm) to 3/4" (19.05 mm) in one pass

Compact, portable Mini Head has 1/2" x 2-1/2" (12.5 x 63 mm) arbor for mounting in a machine tool

Roll-around power supply with large rubber wheels



Convenient tool storage drawer

MADE IN USA



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STANDARD FEATURES

OPERATING HEAD	Precision-spindle disintegrating Mini Head operates in any position; uses DC power.
BASE/CABINET	Heavy, reinforced frame construction 20 $\frac{1}{8}$ " wide x 22" deep x 39 $\frac{1}{2}$ " high (511 x 558 x 997 mm). Coolant pump built in. Top-mounted handle for moving cabinet around shop. Side-mounted cable hanger. 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. A resettable thermal circuit breaker protects the Disintegration circuit. Rotary selector switch for cutting power, potentiometer control for Vibration Amplitude.
COOLANT SYSTEM	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 350 lb. (158 kg), gross domestic 500 lb. (227 kg), gross export 550 lb. (250 kg). Volume: 23 cu ft (0.651 cu m).
WARRANTY	One year (Mini Head, One year).



OPTIONS

Power Supply Options

240 volt or 480 volt

Cables/Extensions

20 foot (6 m) Ground Cable(plug,clamp)	Part #S-223
Head Cord Extension 10 ft (3 m)	Part #S-212
10 foot (3 m) Power Coolant Cable	Part #S-104-A
10 foot (3 m) Ground Cable with lugs	Part #A5127-10



Dual Coolant Valve

Select external coolant source or from the built-in coolant tank.

Part # A6448



Mini Mag 800-lb. base w/fixture for Mini Head

800 lb. permanent magnet holds firmly to all ferrous surfaces. Enables precise manual feed. Six angle/position adjustments with 5" (127 mm) vertical, 4.5" (114 mm) horizontal range and 4" (101 mm) downfeed.

Part # A1425

Vacuum-base version Part #A1426

V0920

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