



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-SB

**with Portable Head
FOR MILITARY APPLICATIONS**

For HSS tooling removal

Engineered to fit through circular bulkhead openings in submarines as well as surface vessels. Heavy duty construction.

Removes taps from #2 (2 mm) up to 1-1/4" (32 mm) in one pass.

"Intuitive" LED Power Indicator built into the head optimizes disintegration and electrode consumption.

7-foot coolant/power cable allows deploying the power pack in a compartment adjacent to the work site.

Control panel top-mounted for easy access in tight quarters. Controls and cable connections recessed for protection.

Coolant tank and pump are built in.



Compact **ARC•ER** Head can be used with magnetic fixtures or a machine tool such as a drill press.



SPECIFICATIONS

OPERATING HEAD	The ARC•ER head works by making and breaking sixty arcs per second. Operates in any position. Built-in LED current indicator to optimize cutting efficiency. Length: 12½" (317 mm). Weight: 5½ lb (2.63 kg). The ½" (12.7 mm) diameter, 2" (50 mm) long straight shank allows use in fixtures or with other machine tools.
CABINET & CONTROL PANEL	Reinforced steel frame construction 18 x 18 x 32" (457 x 457 x 812 mm). Recessed control panel. Panel includes heat selector, lighted, guarded oil-tight push buttons for disintegration power, vibration and pump, external fuses, master stop switch and all cable connections. Cabinet has lift ring and two carrying handles.
POWER SUPPLY	110, 240 or 460 volt 60 hz. disintegrating transformers rated at: 3, 10 or 15KVA. Single phase. Multiple cutting heat settings. 10 ft (3 m) incoming power supply cable.
COOLANT SYSTEM	4.5 gal. (17 l) capacity tank. Cartridge type, filtered-intake. Pump: 2 GPM; 90 PSI; ⅓ H P motor, single phase, 120 volt. Power and coolant delivered by a single cable: double stranded, woven copper braid with polyvinyl cover. Length: 7 ft (3 m). Built-in garden hose connection.
SHIPPING DATA	Approximate weights: Net: 350 lb.. Gross domestic: 475 lb. Gross export: 525 lb. (238 kg).
WARRANTY	1 year.

OPTIONS

V0116

*Choosing A Power Supply

To remove broken taps in one pass:

3 KVA	up to	3/8" (10 mm)
10 KVA	up to	3/4" (19 mm)
15 KVA	up to	1-1/4" (32 mm)



Remote Start/Stop
Part # A3258

"Mini Mag" 800-lb. fixture for ARC•ER Head

800 lb. (362 kg) 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 movement.

4" (101 mm) of downfeed.

Part # A1425

Vacuum-base version

Part #A1426



36" 3000-lb. Magnet-base Fixture for ARC•ER Head

This portable support package adds flexibility and work station convenience. The 3,000-lb. (1360 kg) -pull magnetic base securely holds the 36-inch (914 mm) column support.

Head assembly pivots 360° on the 15" (381 mm) crossarm.

Part #A2407



2-SB Hand Truck

Bolts securely to cabinet. Shelf for head & optional fixture. Part # A3076

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