



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-S with Maxi

Unlimited disintegration potential in a compact, versatile package.

For HSS tooling removal.

Remove taps, drills, studs from 0-80 to 1" (26 mm) in one pass.

Maxi fixture provides ultra-rigid support for absolute positioning.

Effective operation up to 25 feet from power supply.

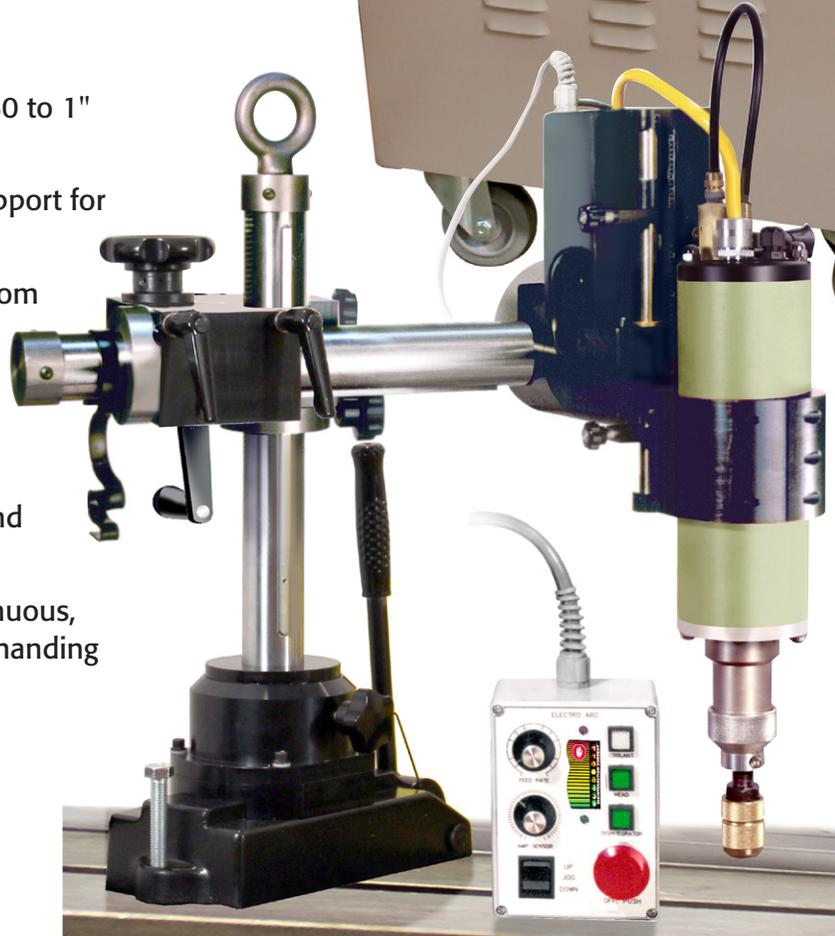
A Remote Control Module brings complete control to the point of disintegration.

Amp Sensing maximizes control and minimizes electrode consumption.

Compact "Q" Head provides continuous, reliable, heavy-duty service for demanding applications.

Automatic power feed offers hands-free operation.

1500-lb. pull permanent magnetic base holds firmly.



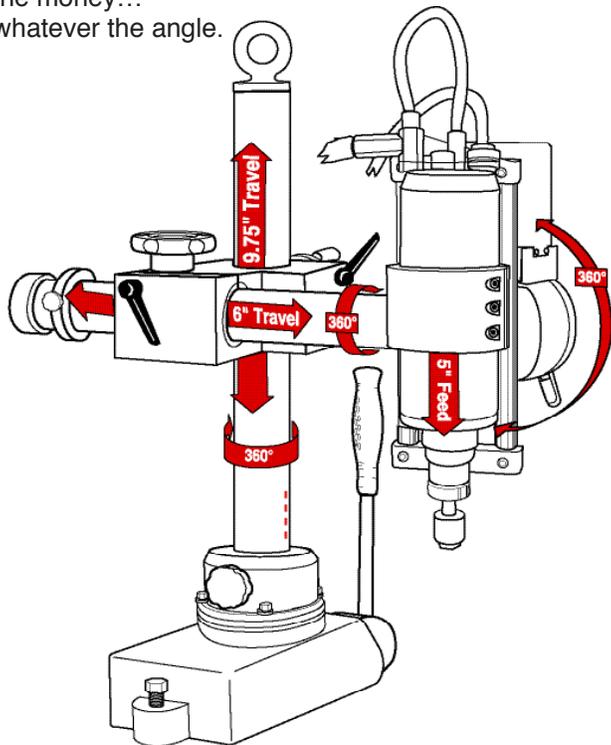
Model 2-S with Maxi

STANDARD FEATURES

- OPERATING HEAD** Heavy-duty precision IQ disintegrating head works by creating 50/60 positive arcs per second at the target metal with a molybdenum electrode. Provides 4" (101 mm) of rack and pinion travel. Operates at any angle. Can be rotated 360 degrees around the crossarm axis. Hard chromed head body is 3 1/4" (82.5 mm) diameter, precision ground to .002" (.05 mm) runout. Feed scale graduated in 1/16" (1 mm) increments.
- CONTROL MODULE** Lighted push-button controls for coolant, disintegration and head vibration. Auto-Feed controls, Emergency Stop, Amp Sensing controls plus a color-coded LED-light Current Indicator for maximum efficiency.
- SUPPORT FIXTURE** Hard chromed heavy tubular steel construction. Lift eye rotates to lock/unlock column rotation. Height: 27" width 20" depth: 20.5" (685 x 508 x 520 mm). Weight: 65 lb. 1500-lb-pull magnetic base with cam action release holds column securely to any ferrous surface. Column rotates 360°, more specifications in diagram below.
- POWER CABINET** Heavy, reinforced frame construction 20.12" wide x 22" deep x 35" high (511 x 588 x 889 mm). Four ball bearing casters; guarded control panel with Heat Selector, Power Stroke Control, Master Stop and power disconnect. Quick-disconnect power and control cables. 25 ft (7.6 m) control cable. Storage Drawer for electrodes and collets. Ventilating louvers.
- POWER SUPPLY** Input voltage options: 208, 240, 380, 480, or 550 volts AC. Power supply ratings available are 10, 15, or 20 KVA. *See power supply option details below. Circuit breaker protection. 16 ft (5 m) power supply cable.
- COOLANT SYSTEM** Pull out tank for easy cleaning. Cartridge type, filtered-intake. Pump: 2 GPM; 90 PSI; 1/3 H. P. motor, single phase, 120 volt. Power/Coolant Cable (conducts both liquid coolant and electrical current): double stranded, woven copper braid with polyvinyl cover. 7 1/2' (2.3 m) length standard; 10' (3 m) optional.
- SHIPPING DATA** Approximate weights: net 600 lb. (272 kg), gross domestic 700 lb. (318 kg), gross export 775 lb. (352 kg). Volume: 23 cu ft (0.65 M).
- WARRANTY** Three years.

Every which way but loose.

Maxi Tubular fixture holds the electrode solidly on the money... whatever the angle.



OPTIONS

*Choosing A Power Supply

To remove broken taps in one pass:

10 KVA	from 0-80 (1.5 mm)	to 3/8" (10 mm)
15 KVA	from #2 (2 mm)	to 1-1/4" (32 mm)
20 KVA	from 1/4" (6 mm)	to 2" (50 mm)

Dual Coolant Valve

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

Part #A6448



Cable Extensions/options

10 foot (3 m) Power Coolant Cable	Part #5126-2
7.5-foot (2.3 m) Power Coolant Cable	Part #5126-1
Union for Power Coolant Cables	Part #6421
10 foot (3 m) Ground Cable Extension	Part #A5127-10
10 foot (3 m) Head Cord Extension	Part #A5127
Cable Hangers	Part #3094

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