



# 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 SE**

### Small table for small parts

For HSS tooling removal

Salvage parts without damage in minutes

Disintegrates from #2 (2 mm) up to 1-1/4" (32 mm) diameter tooling in one pass with the **ARC-ER** head (shown). Larger range with the IQ Head.

Optional power supplies for larger diameters

Requires minimal maintenance

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

Optional Auto Feed eliminates operator error and maximizes performance while minimizing electrode usage

Single crossarm provides rigidity, making positioning easy

16" (406 mm) of work space between spindle and table

Coolant returns and T-slots

Tooling storage drawer



## STANDARD FEATURES

OPERATING HEAD	Heavy-duty <b>ARC•ER</b> disintegrating head works by creating 50/60 positive arcs per second at the target metal with a molybdenum electrode. Provides 9" (229 mm) of rack and pinion travel. Built-in LED current monitoring indicator color-coded to assist operator feed control. Operates at any angle. Can be rotated 360 degrees around the crossarm axis. Feed scale graduated in $\frac{1}{16}$ " (1 mm) increments. Hassle-free Anti-Fall system prevents mishaps. Manual Feed. Auto feed available with two selectable ranges and adjustable depth stop.
SUPERSTRUCTURE	<b>Column:</b> hard chrome plated, $2\frac{3}{4}$ " (70 mm) diameter x 36" (914 mm) high for a maximum working height of 16" (406 mm) from spindle tip to table and 50" (1270 mm) to the floor. <b>Radial Crossarm:</b> hard chrome plated, $2\frac{1}{4}$ " (57 mm) diameter x 15" (381 mm). Easy movement in, out and a full 360 degrees around the crossarm axis. Separate manual locks for height and rotation.
BASE	Heavy reinforced frame construction. Ground, cast iron work top 20" (508 mm) wide x 22" (558 mm) deep x 34" (864 mm) high with five $1\frac{1}{2}$ " (12.7 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. Convenient storage drawer for electrodes and collets.
POWER SUPPLY	Input voltage options: 208, 240, 380, 480, or 550 volts AC. Power supply ratings available are 10, 15, or 20 KVA. Circuit breaker protection. *See power supply option details below.
COOLANT SYSTEM	7.4 gal. (28 l) coolant tank. Wire mesh cartridge filter intake. Pump 2 GPM, 90 PSI, $\frac{1}{3}$ HP motor, single phase, 120 volt. Power coolant cable (conducts both liquid coolant and low-voltage current): $7\frac{1}{2}$ ft. (2.3 m).
SHIPPING DATA	Approximate weights: net 390 lb. (176 kg), gross domestic 430 lb. (195 kg), gross export 450 lb. (204 kg). Volume: 23 cu ft (.651 cu m)
WARRANTY	One year on machine and Arc•er or IQ Head.

Made in USA

V0120

## OPTIONS

**\*Choosing A Power Supply**

To remove broken taps in one pass:

- 10 KVA up to 3/4" (19 mm)**
- 15 KVA up to 1-1/4" (32 mm)**
- 20 KVA\* up to 2" (50 mm)**

\*with IQ Head only

**Cable Extensions**

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
IQ Head Extension Cable	Part #A5158
Auto Feed Extension Cable	Part #A5156
10 foot (3 m) Ground Cable	Part #A5127-10
10 foot (3 M) Head Cord Extension	Part #A5157

**Remote Start/Stop**

Part #A3258

**IQ Head**

Precision head. Hard chromed with 9" (229 mm) of rack and pinion movement.

**Dual Coolant Valve**

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

**Auto Feed unit**

For IG or Arc•er head. Hands free operation. Two-speed variable control.

**Auto Feed Remote Control**

Machine Start/Stop, Auto Feed controls, LED Current Monitor. Part #A3262

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