

**ELECTRO  
ARC**

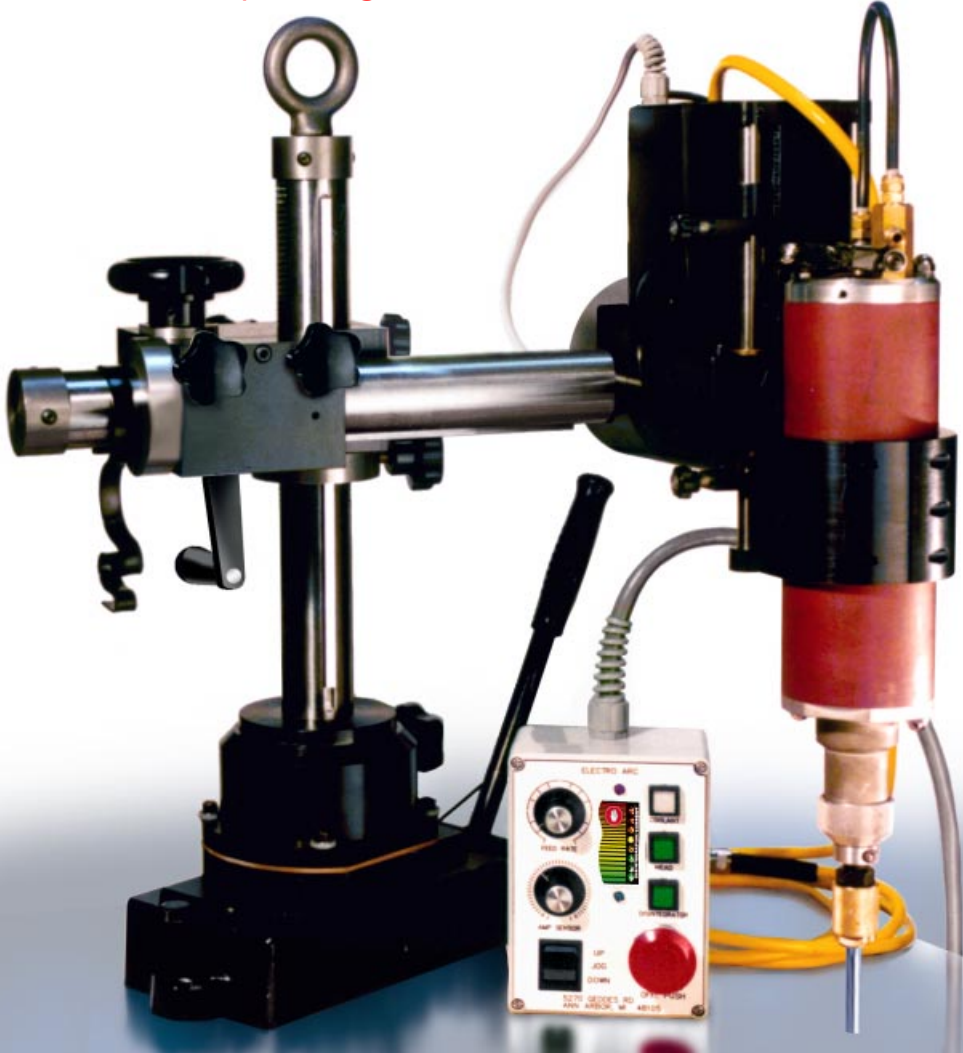
# METAL DISINTEGRATORS

**MODEL 2-SQT**

FOR PORTABLE  
APPLICATIONS

FEATURING THE NEW  
**MAXI TUBULAR**  
EXTRA-RIGID  
SUPPORT SYSTEM

Unlimited disintegration potential in a compact, versatile package.



**Model 2-SQT** is a compact, powerful workhorse designed for removing broken taps, drills, studs, work-hardened metal, or any hard conductive material, in hard-to-reach locations. With its remote control module, it can operate effectively at up to 8 m (25 feet) from its power supply.

### **Solid, adjustable support**

Model 2-SQT's highly adaptive **Maxi Mag** head support system provides complete positioning freedom without sacrificing rigidity. **7 precision movements – 360° rotation in 3 axes, plus 4 linear motions** – allow precise alignment of the cutting path.

The magnetic base exerts a 680-kg (1500-lb.) pull on ferrous surfaces for a secure grip, but can be "inched" slightly off the surface for position adjustment, or released completely with a flip of a cam lever.



Our new **Remote Control Module** (above) is the most complete, easiest-to-use remote we've ever built. It brings complete control of the disintegration process to the operator at the work area. Auto Feed controls, Amp Meter and Amp Sensing indicator lights provide for maximum performance.

### **PERFORMANCE**

Any size tap can be removed

#### **Typical Cutting Speeds**

BROKEN TAPS ONE INCH DEEP	REMOVAL TIME
6 mm (0-80 to 10-32)	Less than 1 min
8 mm (1/4")	1 min
9.5 mm (5/16")	1-1/2 min
10 mm (3/8")	1-3/4 min
12.5 mm (1/2")	2 min
16 mm (5/8")	3-1/2 min
19 mm (3/4")	4 min

**2-SQT Power Supply Cabinet** includes basic power controls and emergency shut-off, plus a convenient drawer for collets and electrodes.

**QUICKLY REMOVES BROKEN TAPS AND DRILLS**

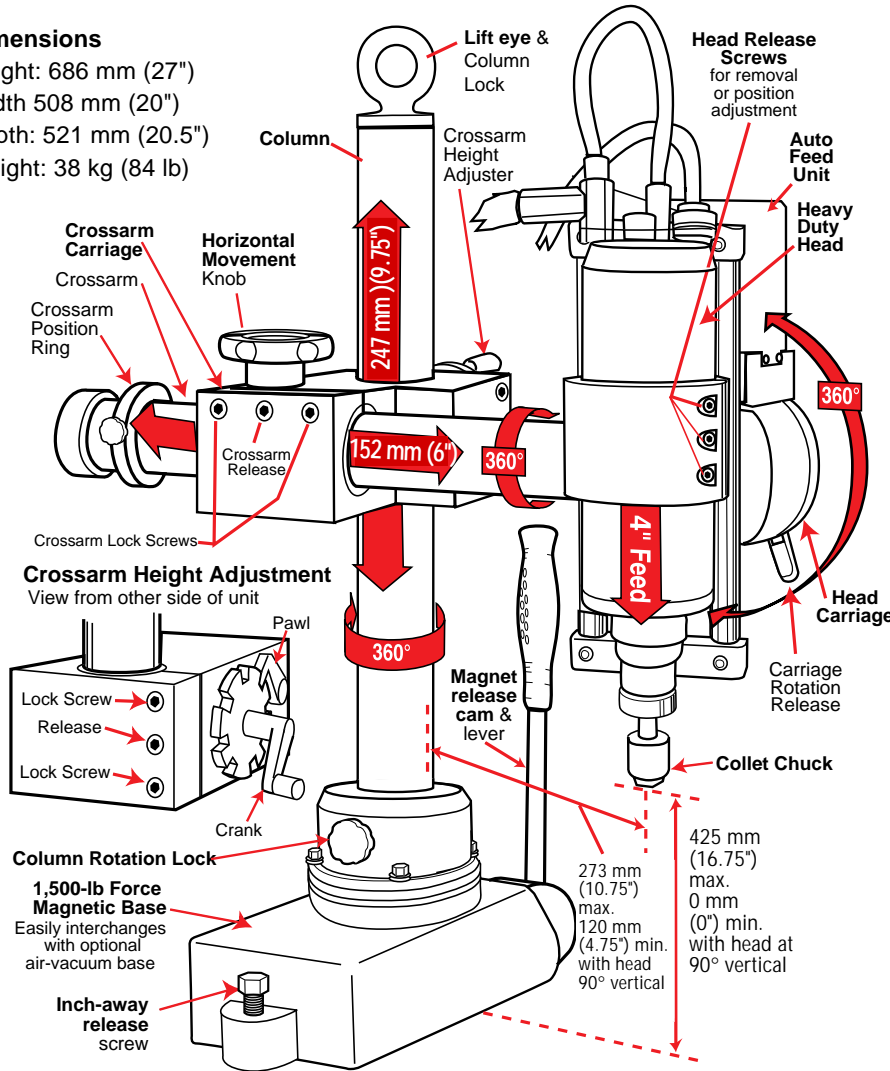
**MADE BY ELECTRO ARC MANUFACTURING CO.**

World's Largest, Most Experienced Disintegrator Manufacturer

# MODEL 2-SQT FEATURES/SPECIFICATIONS

## Dimensions

Height: 686 mm (27")  
 Width 508 mm (20")  
 Depth: 521 mm (20.5")  
 Weight: 38 kg (84 lb)



## Head/Support Features

### Compact "Q" Head

Unique, patented, in-the-quill disintegrator head provides continuous, reliable, heavy-duty service for the most demanding applications.

Its construction and design minimize maintenance. Head is 83 mm (3 1/4") diameter and carries a 3-year warranty.

### Automatic Feed

Automatic transistorized power feed provides uninterrupted feed with hands-free operation. Features 152 mm (6") of motor feed, adjustable automatic depth shutoff switch, auto stop, variable feed rate and plug-in integrated circuit board.

## Power Transformer selection:

The larger the disintegration diameter, the larger the transformer required.

Your representative will help select the correct transformer rating for your needs. The transformer rating affects the number of heat range settings available, as shown:

Power Rating	Heat Ranges
10 KVA	8
15 KVA	10
20 KVA (including Water Cooled):	8

Voltage Ratings available:

220, 440, 380, 575 V AC

**OPERATING HEAD** Compact "Q" head can use any conductive material as an electrode. Electric Auto Feed. A graduated feed scale in 1.6 mm (1/16") increments allows presetting depth of cut. Operates in any orientation.

**SUPPORT SYSTEM** 680-kg (1500-lb)-pull magnetic base with cam action release holds column securely to any ferrous surface. Column rotates 360°.

The head travels 152 mm (6") (linear). Precision lead screw provides smooth vertical and horizontal head positioning. Precision ground guide bars run in bronze Oilite bushings. In and Out clamp locks in position to pre-set travel.

**CABINET & POWER SUPPLY** Reinforced frame construction; four ball bearing casters; guarded control panel with Heat Selector, Power Stroke Control and Master Stop button. Storage Drawer for electrodes and collets. Ventilating louvers. Standard finish Tan/Brown; custom colors additional cost.

Disintegrating transformers are rated as listed above. Works on 3 phase systems. GFI lockable and fusible main circuit breaker. 4.9 m (16 foot) power supply cable.

**REMOTE CONTROL** Protected by a sturdy case with quick-disconnect power and control cables. Lighted push-button controls for coolant, disintegration and head vibration. Auto-Feed controls, Emergency Stop, Amp Sensing controls including an LED-light Current Indicator with Amp Sensing indicator lights for maximum efficiency. 7.6-m (25-foot) control cable. Standard finish: white. Weight: 2.3 kg (5 lb).

**COOLANT SYSTEM** Removable tank for easy cleaning. Cartridge type, filtered-intake. Pump: 340 liters/hour (2 GPM); 14,06 kg/cm<sup>2</sup> (90 PSI); 1/3 H. P. motor, single phase, 120 volt. Power coolant cable (conducts both liquid coolant and low-voltage current): double stranded, woven copper braid with polyvinyl cover. 2.13 m (7.5') standard; 3m (10') length available.

### PARTS, SERVICE, GUARANTEE

Parts are available for immediate delivery.

Service is provided by factory trained personnel.

Machine fully guaranteed for 1 year against any defects. Head is guaranteed for 3 years against any defects.

7/08

**ELECTRO ARC**  
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