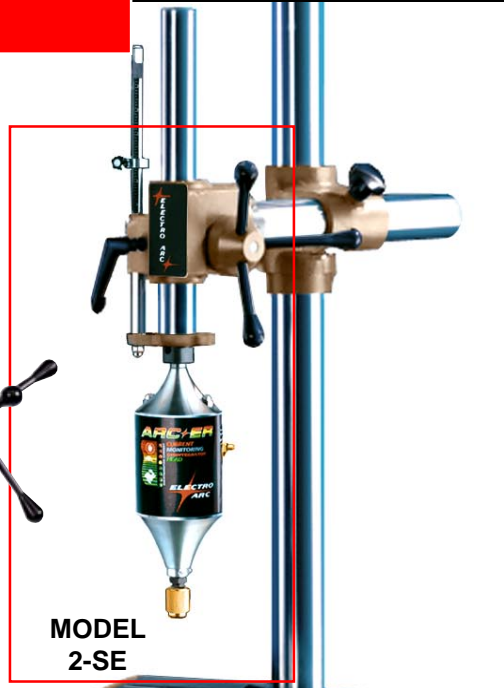


## 2-SE SERIES



### FEATURES:

- **NEW:** LED-light Current Indicator for precise current control on all models
- **NEW:** (QT models) Anti-fall system balances weight to prevent head crashes and eliminate lock/unlock problems
- **NEW:** Thermal Protection ("Q" models)
- Heavy-duty performance
- Precision ground and chromed quill assemblies
- Rack and pinion movement
- Automatic depth stop
- Heavy-duty 57 mm (2<sup>1</sup>/<sub>4</sub>" ) diameter chromed crossarm
- 70 mm (2<sup>3</sup>/<sub>4</sub>" ) diameter chromed column
- Five power supply options
- Lighted push-buttons plus emergency stop button
- External fuses
- Ground work table with 5 "T" slots
- Large capacity self-contained coolant system
- Choose automatic or spring feed
- Heavy-duty ball bearing casters



### Typical Cutting Speed of Assorted Sizes

BROKEN TAPS 1 <sup>1</sup> / <sub>25</sub> mm 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

*ANY SIZE TAP  
CAN BE REMOVED*

**QUICKLY REMOVES BROKEN TAPS AND DRILLS**

## Choosing the features you need

### “Q” Head: top performer (Q/QT models)

Unique, patented, in-the-quill disintegrator head provides continuous, reliable, heavy-duty service for the most demanding applications. Built-in LED Current Indicator. The construction and design minimizes maintenance and carries a 3-year warranty. The head is 82 mm (3-1/4") diameter, hard chromed, precision ground with .05 mm (.002") run-out and 229 mm (9") of vertical rack and pinion travel. **NEW:** Thermal protection cutout with Operator Alert can prevent expensive damage. **NEW:** quieting components for 2.5 dB less noise.

### Automatic Feed

Automatic transistorized power feed provides continuous feed up to 229 mm (9"). Features adjustable automatic shut off switch, auto stop, 2-range variable speed, feed rate selector and plug-in integrated circuit board. Anti-fall system to prevent head crashes.

### Spring Feed

Spring-loaded feed unit assists the operator in feeding the disintegrator head in a continuous movement. Manually adjusted. Adjustable depth stop with automatic shutoff.

### Portable **ARC-ER** Head: 2-SET& 2-SE

This new portable disintegrator head provides reliable, accurate heavy-duty service with minimal maintenance. The state-of-the art LED Current Indicator right in the body simplifies process control.

Head is 318 mm (12 1/2") long overall; 3.2 kg (5.5 lb.). A 12 mm (1/2") diameter, 50 mm (2") long straight shank allows use remotely in fixtures or with other machine tools.

Reliable performance. 1-year warranty.

## SELECTION CHART

Features by MODEL	Q Head	Auto Feed	ARC-ER Head	Spring Feed
2-SE			●	●
2-SET		●	●	
2-SEQ	●			●
2-SEQT	●	●		

### Options available with 2-SE Series models:

- Transformer Power rating: 3, 10, 15, or 20 KVA
- Column height: 914 mm (36") or optional 1524 mm (60").
- Power/Coolant Cable length: 2.13 m (7.5') or optional 3 m (10').

## Model 2-SE Series STANDARD FEATURES

<b>OPERATING HEAD</b>	Operates in any position with fifty/sixty positive pulsating arcs per second. The head will use any conductive material as the electrode. Graduated scale in 1/16" linear increments and 360 degree rotary movement. LED-light current meter for "intuitive" feed control.
<b>SUPPORT</b>	<b>CROSSARM:</b> Hard-chrome plated radial crossarm is 57 mm (2 1/4") in diameter and 381 mm (15") long. Full 360 degree rotation around the column. Manual hand locks to secure position. <b>COLUMN:</b> Hard chrome plated, 70 mm (2 3/4") diameter, 914 mm (36") high. 304 mm (12") lift rack for raising and lowering the crossarm (Models 2-SEQT and 2-SET only). The maximum work height from the disintegrator head to the table is 432 mm (17") and 1270 mm (50") to the floor.
<b>BASE</b>	Heavy, reinforced frame construction. Ground, cast iron work table measuring 20" wide, 18" deep, 863 mm (34") high. Five half-inch "T" slots. Recessed control panel; lighted push buttons; indicator light for low water level; external fuses; master stop; four heavy-duty ball bearing casters. Standard color: brown/tan. Custom colors at additional cost. Ventilating louvres; convenient storage drawer for electrodes and collets.
<b>POWER TRANSFORMER</b>	110, 240, 380, 480, or 550 volt. Disintegrator transformer ratings are available in 3, 10, 15, or 20 KVA with 5, 8, or 10 cutting heat settings. Circuit breaker protection; low voltage. Machine tool electrical standards. Mass production J.I.C. electrical standards available at additional cost.
<b>COOLANT SYSTEM</b>	Pull out 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.
<b>OPTIONAL EQUIPMENT</b>	• 1400 kg (3,000 lb.) pull permanent magnet renders the head and support system portable for use on other ferrous surfaces. • 304 mm (12") lift rack for raising and lowering the crossarm. • Automatic, transistorized power feed to allow the machine to operate unattended with auto depth-control shut off.
<b>ELECTRODES</b>	Manufactured by ELECTRO ARC for removing broken tools. A large inventory of standard sizes is maintained. (Special shapes and sizes are available.)
<b>PARTS SERVICE</b>	Available for immediate delivery. Provided by factory trained personnel.
<b>GUARANTEE</b>	Fully guaranteed for one year against any defects.
<b>SHIPPING DATA</b>	Approximate weights: Net: 176.9 kg (390 lb), Gross domestic: 195 kg (430 lb) Gross export: 204 kg (450 lb), Cu. meters: 0.651 (Cubic feet: 23)

### OPTIONAL EQUIPMENT

adds versatility to your machine



**1400 kg (3,000 lb)-pull permanent magnet** adapts the super-structure to work on other ferrous surfaces.



**360 kg (800 lb)-pull permanent magnet** with 7 precision angle/position adjustments

7/08

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