

**ELECTRO
ARC**

METAL DISINTEGRATORS

Model 2-SAC

CARBIDE Cutting

Disintegrator

Special DC cutting
system for
disintegrating
Carbide impact
buttons in drill
heads and
carbide tooling



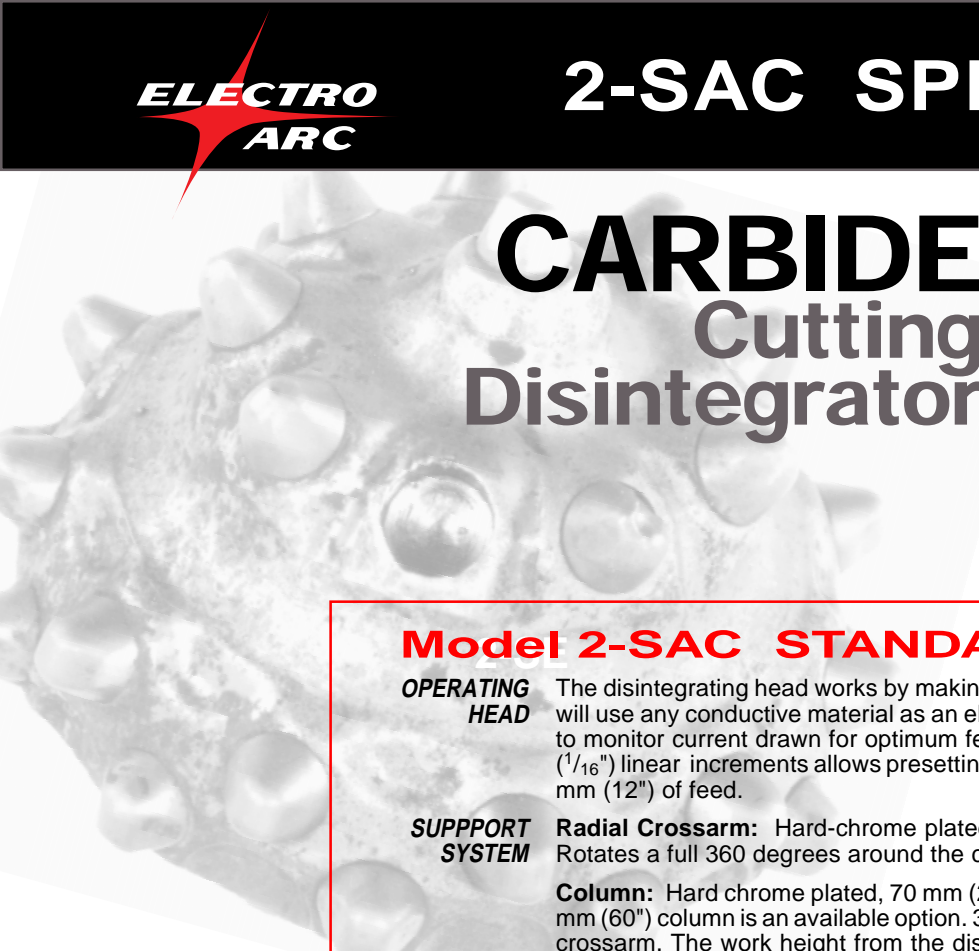
*Get 'em
out in minutes!*

- In-the-quill head
- Precision ground and chromed quill assemblies
- Manual or Servo Feed
- Rack and pinion movement
- Auto control
- Auto depth stop
- 11 heat selections
- Adjustable 304 mm (12") lift rack
- Ground work table with 6 "T" slots
- Rigid column and crossarm
- Head has 360-degree, 2-axis rotation
- Heavy-duty ball bearing casters and levelers
- Large capacity coolant system



QUICKLY REMOVES CARBIDE BUTTONS AND TOOLS

ELECTRO ARC MANUFACTURING CO.
WORLD'S LARGEST AND MOST EXPERIENCED DISINTEGRATOR MANUFACTURER



CARBIDE Cutting Disintegrator

In-the-quill head

Unique in-the-quill disintegrator head provides continuous, reliable service for your most demanding applications. The construction and design minimizes maintenance and carries a three-year warranty. The electromechanical system provides 100/120 strokes (arcs) per second. Motor-driven servo controlled for maximum cutting efficiency and performance.

Model 2-SAC STANDARD FEATURES

OPERATING HEAD	The disintegrating head works by making and breaking 100/120 arcs per second. They will use any conductive material as an electrode. A current indicator allows the operator to monitor current drawn for optimum feed control. A graduated feed scale in 1.6 mm ($\frac{1}{16}$ ") linear increments allows presetting depth of cut. Operates in any position with 304 mm (12") of feed.
SUPPORT SYSTEM	Radial Crossarm: Hard-chrome plated, 57 mm ($2\frac{1}{4}$ ") diameter; 762 mm (30") long. Rotates a full 360 degrees around the column. Manually locks in position. Column: Hard chrome plated, 70 mm ($2\frac{3}{4}$ ") diameter and 1270 mm (50") high (a 1524 mm (60") column is an available option. 304 mm (12") lift rack for raising and lowering the crossarm. The work height from the disintegrator head to the table is adjustable to a maximum of 914 mm (36") or 1838 mm (72") to the floor.
BASE	Heavy, reinforced frame construction. Ground, cast iron work table measuring 660 mm (31") wide, 465 mm (30") deep, 813 mm (32") high. Five 19 mm ($\frac{5}{8}$ ") "T" slots. Recessed control panel; indicator light for low water level; master stop; four heavy-duty ball bearing casters. Standard finish is tan with brown; custom colors at additional cost.
POWER SUPPLY	Controlled rectified DC cutting power in eleven heat selections. Disintegrates high-speed and carbide materials fast under servo control. Power and performance are designed into this proven package.
COOLANT SYSTEM	Coolant tank located for easy cleaning. Cartridge type, filtered-intake. Pump: 340 liters/hour (2 GPM); 14.06 kg/cm ² (90 PSI); $\frac{1}{3}$ 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.
ELECTRODES	Manufactured by ELECTRO ARC for removing broken tools and bits. A large inventory of standard sizes is maintained. (Special shapes and sizes are available.)
PARTS	Available for immediate delivery.
SERVICE	Provided by factory trained personnel.
GUARANTEE	Fully guaranteed for one year against any machine defects.
SHIPPING DATA	Approximate weights - Net: 254 kg (560 lb), Gross domestic: 306.1 kg (675 lb), Gross export: 312.9 kg (690 lb), Volume: 1.67 m ³ (59 cu ft).

7/08

A WORLD-CLASS LEADER
WITH A MACHINE FOR EVERY APPLICATION

ELECTRO ARC MANUFACTURING COMPANY

161 Enterprise Drive, Ann Arbor, MI 48103

Phone: (734) 761-5400 • (800) 521-0423

• Fax: (734) 761-5426

• E-mail: sales@electroarc.com

ELECTRO ARC COMPANY LTD.

The Wallows Industrial Estate

• Fens Pool Avenue

Brierley Hill, West Midlands DY5 1QA

Telephone: (01384) 263426 • Facsimile (01384) 79017

e-mail: sales@electroarc.co.uk

www.electroarc.com