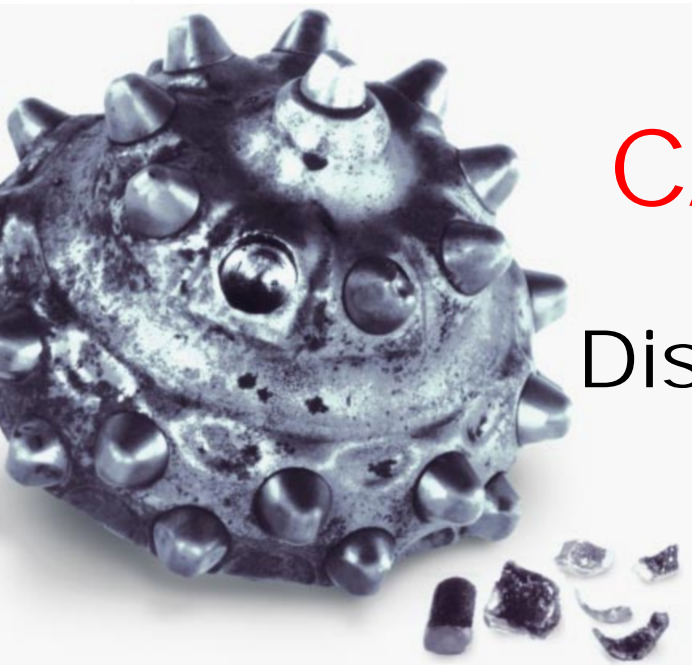


**ELECTRO  
ARC**

# METAL DISINTEGRATORS

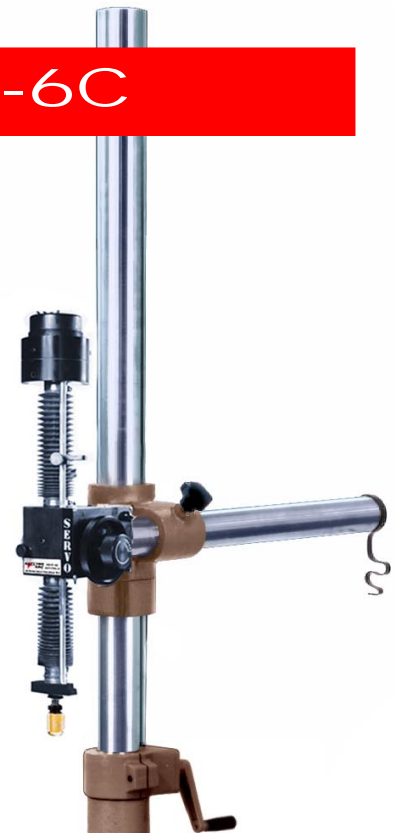


*Get 'em  
out in minutes!*

## CARBIDE Cutting Disintegrator

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

HK-6C



### FEATURES:

- Heavy-duty performance
- 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 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 BROKEN TAPS AND DRILLS**

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

# HK-6C SPECIFICATIONS

## 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 120 strokes (arcs) per second. Motor-driven servo controlled for maximum cutting efficiency and performance.

### Model HK-6C STANDARD FEATURES

**OPERATING HEAD** The disintegrating head works by making and breaking 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 1mm ( $\frac{1}{16}$ " ) linear increments allows presetting depth of cut. Operates in any position with 305mm (12") of feed.

**SUPPORT SYSTEM** **Radial Crossarm:** Hard-chrome plated, 57mm ( $2\frac{1}{4}$ -inch) diameter; 762mm (30 inches) long. Rotates a full 360 degrees around the column and cross arm axis. Manually locks in position.

**Column:** Hard chrome plated, 70mm ( $2\frac{3}{4}$ " ) diameter and 1270mm (50") high (a 1524mm (60") column is an available option. 305mm (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 673mm (26.5") (1536mm (60") to the floor).

**BASE** Heavy, reinforced frame construction. Ground, cast iron work table measuring 1295mm (51") wide, 1003mm (39-1/2") deep. Eight 19mm (3/4 inch) "T" slots. Recessed control panel; lighted push buttons; external fuses; master stop; four heavy-duty ball bearing casters with leveling jacks. Machine can be painted in special colors at additional cost. Machine supports 3629kg (8000 pounds).

**POWERSUPPLY** 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. 14.06kg/cm<sup>2</sup> (90 P.S.I.) ; 1/3 H. P. motor, single phase, 120 volt. **POWER COOLANT CABLE:** 2.13M (Seven foot), double stranded, woven copper braid with polyvinyl cover. Also available in 3M (ten foot) lengths.

**ELECTRODES** Manufactured by ELECTRO ARC for removing broken tools. A large inventory of standard sizes is maintained. (Special shapes and sizes are available.)

**PARTS** Available for immediate delivery.

**SERVICE** By factory trained personnel.

**GUARANTEE** Fully guaranteed for one year against any defects.

**SHIPPING DATA** Approximate weights - Net: 624kg (1375 lbs.), Gross domestic: 703kg (1550 lbs.), Gross export: 760kg (1675 lbs.), 2.832m<sup>3</sup> (Cubic feet: 100)

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