



METAL DISINTEGRATORS



**REMOVE
BROKEN TAPS
BOLTS & DRILLS
IN MINUTES**

PERFORMANCE

BROKEN TOOLING ONE INCH DEEP	REMOVAL TIME
0-80 to 10-32 No. 1.6	UNDER 1 min.
1/4" No. 6	1 - 2 min.
5/16" No. 8	1.5 - 2.5 min.
3/8" No. 10	1.5 - 2 min.
1/2" No. 14	2 - 4 min.
5/8" No. 18	1.5 - 2.5 min.
3/4" No. 22	2.5 - 3.5 min.

Model HK-6VC

**DC Power disintegrates Carbide Tooling
– our biggest tabletop machine**

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

Disintegrates tooling from #2 (2 mm) up to 1-1/4" (32 mm) diameter in one pass

Double crossarms provide rigidity, make positioning easy

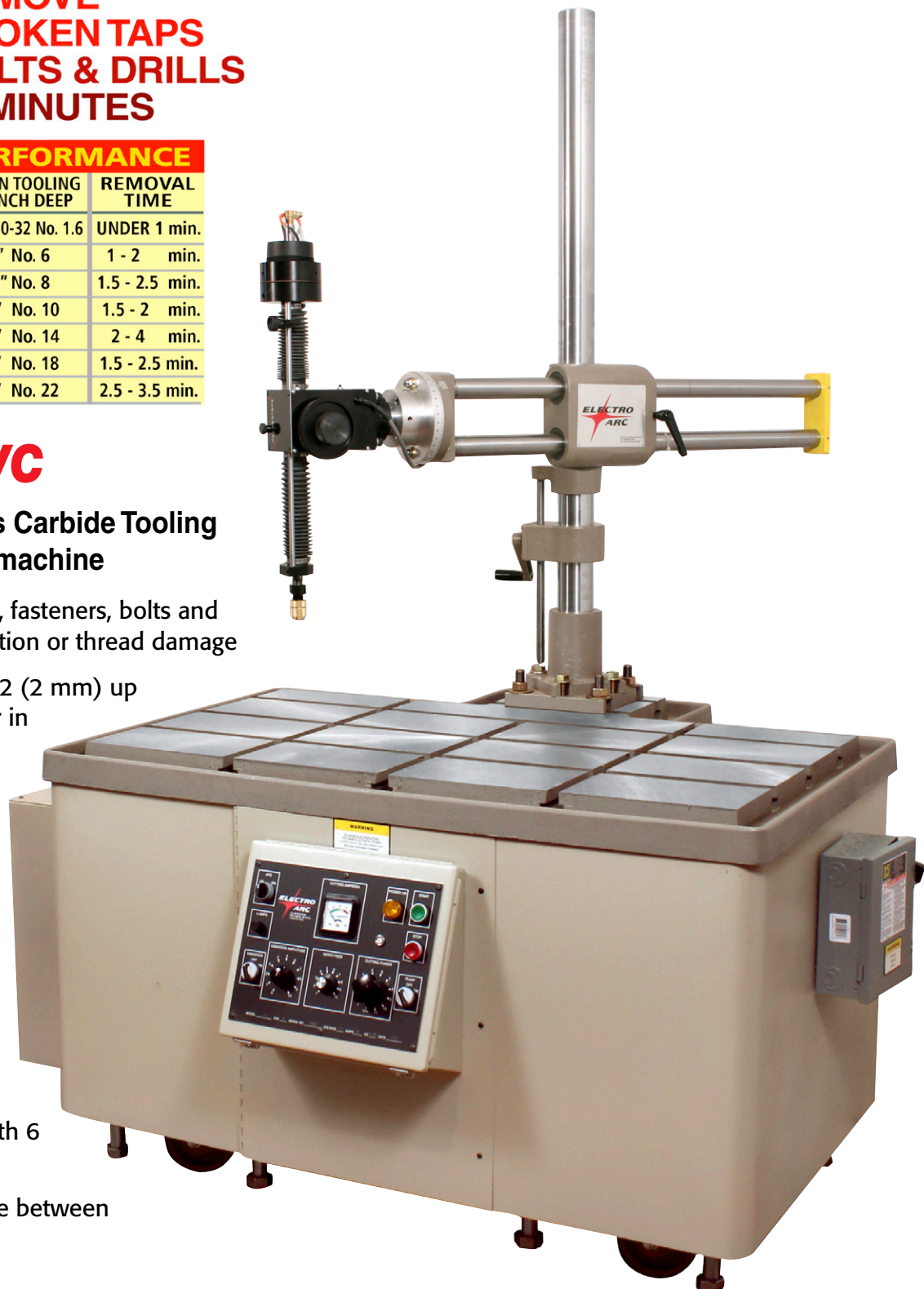
Servo controlled disintegrating feed system for minimal operator intervention

Manual or Servo Feed

Minimal maintenance

Our biggest work surface with 6 "T" slots for large parts

30" (762 mm) of work space between spindle and table





Model HK6VC OPTIONS & SPECIFICATIONS

STANDARD FEATURES

OPERATING HEAD & SERVO FEED

Precision-spindle disintegrating head operates in any position. Works by making and breaking 120 arcs per second. Manual or servo-controlled operation. Start and Depth Stop switches on the quill block with auto shutoff. 12" (305 mm) continuous rack-and-pinion feed. Graduated feed scale in $\frac{1}{16}$ " (1 mm) increments. Adjustable counterbalance spring. Quill protected by two bellows covers. Automatic Servo Feed works in any position.

SUPPORT SUPERSTRUCTURE

Radial Crossarms: Two hardened 36" (914 mm) shafts $1\frac{1}{2}$ -inch (38 mm) dia., traveling in recirculating ball bearings. Crossarm casting rotates 360° around column. Separate manual locks for height and rotation. 12" (305 mm) lift rack.

Column: Hard chrome plated, $2\frac{3}{4}$ " (70 mm) dia., 50" (1270 mm) high. Maximum work height under spindle to table: 30" (762 mm) or 72" (1828 mm) to floor. Base secured by $\frac{3}{4}$ " (19 mm) T-bolts allowing disintegrating head to be positioned anywhere on the work surface.

BASE

Heavy, reinforced frame construction. Overall: 51" wide x 39" deep (1245 x 1003 mm), 34" (864 mm) high. Ground, cast iron work top 46 x 26" (1168.4 x 66.04 mm) with 8000-lb. (3628 kg) capacity. Eight $\frac{3}{4}$ inch (19 mm) "T" slots. Four heavy-duty ball bearing casters with leveling jacks.

POWER SUPPLY

Controlled rectified DC cutting power with eleven heat selections. Control panel includes lighted push buttons for Start/Stop, lighted Power On indicator, DC Amp meter for the cutting circuit, rotary switches for Vibration and Coolant Pump, external fuse for the Head Vibration and power supply. Jog switch moves spindle up/down in quill. A resettable thermal circuit breaker protects the Disintegration circuit. Rotary selector switch for cutting power, potentiometer controls for Vibration Amplitude and Servo Feed.

COOLANT SYSTEM

Coolant tank side mounted. 3.5 GPM (795 l/hr) rotary gear pump, 50 PSI (3,52 kgf/cm²), 1/2 HP motor, single phase, 120 volt. Power Coolant Cable double stranded, woven copper braid with polyvinyl cover. 10 ft (3 m) standard; see options below.

SHIPPING DATA

Approximate weights: net 1375 lb. (623 kg), gross domestic 1550 lb. (703 kg), gross export 1675 lb. (759 kg). Volume: 100 cu ft (2.83 m³).

WARRANTY

One year.

Made in USA

V0920

OPTIONS

Power Supply Options

Input: 240,
380, 480 or
575 volts

60" column



3000 lb. Permanent Magnetic Base

For taking disintegration
off the table. Part #
A2452

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