



# METAL DISINTEGRATORS



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

## PERFORMANCE

BROKEN TOOLING ONE INCH DEEP	REMOVAL TIME
0-80 TO 10-32	UNDER 1 min.
1/4"	1 - 2 min.
5/16"	1.5 - 2.5 min.
3/8"	1.5 - 2 min.
1/2"	2 - 4 min.
5/8"	1.5 - 2.5 min.
3/4"	2.5 - 3.5 min.

## Model HK-10QT

**Motorized vertical/horizontal head positioning with easy fingertip control**

Precision IQ head disintegrates small 0-80 (1.2 mm) up to 1" (24mm) diameter HSS tooling

Double crossarms provide rock-solid stability

20KVA power supply can disintegrate up to a 2" (50 mm) diameter tap in one pass.

Huge 51 x 39½" 8000-lb.-capacity table handles the big work pieces

Automatic power feed for hands-free operation and minimal electrode consumption

Power lift and power crossarm positioning for fast setup

Dual crossarm rigidity provides precision at full crossarm reach



# Model HK-10QT

## STANDARD FEATURES

<b>OPERATING HEAD</b>	Heavy-duty precision IQ disintegrating head works by creating 50/60 positive arcs per second at the target metal with a molybdenum electrode. Provides 9" (229 mm) of rack and pinion travel. Built-in LED current monitoring indicator color-coded to assist operator feed control. Operates at any angle. Can be rotated 360 degrees around the crossarm axis. Head body is hard chromed 3 <sup>1</sup> / <sub>4</sub> " (83 mm) diameter, precision ground to .002" (.05 mm) runout. Feed scale graduated in 1 <sup>1</sup> / <sub>16</sub> " (1 mm) increments. Hassle-free Anti-Fall system prevents mishaps. Built-in thermal protection to prevent overheating.
<b>AUTO FEED</b>	Variable speed with two selectable ranges. Adjustable depth stop. Manual Feed available.
<b>SUPERSTRUCTURE</b>	<b>Column:</b> Hard chrome plated, 4 <sup>1</sup> / <sub>4</sub> " (108 mm) diameter x 60" (1524 mm) high. 72" (1828 mm) height available. Full-travel motorized lead screw raises/lowers crossarm. Maximum height from disintegrator electrode to table: 40" (1016 mm). Maximum height to the floor: 80" (2032 mm). Rotates a full 360 degrees on its base. <b>Radial Crossarm:</b> Vertical duplex, hard-chrome plated, each shaft 2 <sup>1</sup> / <sub>2</sub> " (63.5 mm) diameter x 41" (1041 mm) long. 54" (1372 mm) length available. Head travel is motorized with variable-speed control for precise positioning. Locks in position electrically from the pendant control.
<b>BASE</b>	Heavy, reinforced frame construction. Ground, cast iron work table 51" (1295 mm) wide x 39 <sup>1</sup> / <sub>2</sub> " (1003 mm) deep, 30" (762 mm) from floor to tabletop. Eight 3 <sup>3</sup> / <sub>4</sub> " (19 mm) "T" slots. Four heavy-duty ball bearing casters with leveling jacks. Table supports 8000 lb (3628 kg).
<b>POWER SUPPLY</b>	Input voltages: 240, 380, 480 or 550. Disintegrator transformer rating: 15 or 20 KVA. *See power supply option details below. Circuit breaker protection.
<b>COOLANT SYSTEM</b>	Pull out tank for easy cleaning. Cartridge filter on intake hose. Pump: 2 GPM, 90 PSI. Motor: 1 <sup>1</sup> / <sub>3</sub> HP, single phase, 120 volt. Power coolant cable (conducts both liquid coolant and low-voltage current): 7 <sup>1</sup> / <sub>2</sub> ft. (2.3 m).
<b>SHIPPING DATA</b>	Approximate weights: net 1500 lb. (680 kg), gross domestic 1680 lb. (762 kg), gross export 1750 lb. (794 kg). Cubic feet: 100 (30 cu m).
<b>WARRANTY</b>	Three years.

## OPTIONS

V0116

### \*Choosing A Power Supply

To remove broken taps in one pass:

15 KVA up to 3/4" (19 mm)

20 KVA up to 2" (50 mm)



### Remote Start/Stop

Part #A3258

### Dual Coolant Valve

Select external water source as coolant or from the built-in coolant tank.  
Part # A6448



### Cable extensions

10 foot Power Coolant Cable Part #5126-2

7.5-foot Power Coolant Cable Part #5126-1

Union for Power Coolant Cables Part #6421

### Flexibility options

54" Crossarms Part #2600-2

72" Column Part #2501-2



### Low Auxiliary Table

Accommodates taller workpieces. Various sizes.

Low table 32 x 39<sup>1</sup>/<sub>2</sub>"  
Part #A3145

Low table 39<sup>1</sup>/<sub>2</sub> x 51"  
Part #A3252

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