



**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 46 x 26" (1245 x 1003 mm)
8000-lb. (3628 kg)-capacity table
handles the big work pieces

Automatic power feed for hands-
free operation and minimal elec-
trode consumption

Power lift and power crossarm
positioning for fast setup

Dual crossarm rigidity provides
precision at full crossarm reach



Model HK-10QT

STANDARD FEATURES

OPERATING HEAD	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 ¹ / ₄ " (83 mm) diameter, precision ground to .002" (.05 mm) runout. Feed scale graduated in 1 ¹ / ₁₆ " (1 mm) increments. Hassle-free Anti-Fall system prevents mishaps. Built-in thermal protection to prevent overheating.
AUTO FEED	Variable speed with two selectable ranges. Adjustable depth stop. Manual Feed available.
SUPERSTRUCTURE	Column: Hard chrome plated, 4 ¹ / ₄ " (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. Radial Crossarm: Vertical duplex, hard-chrome plated, each shaft 2 ¹ / ₂ " (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.
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 660.4 mm) with 8000-lb. (3628 kg) capacity. 30" (762 mm) from floor to tabletop. Eight 3 ³ / ₄ inch (19 mm) "T" slots. Four heavy-duty ball bearing casters with leveling jacks. Table supports 8000 lb (3628 kg).
POWER SUPPLY	Input voltages: 240, 380, 480 or 550. Disintegrator transformer rating: 15 or 20 KVA. *See power supply option details below. Circuit breaker protection.
COOLANT SYSTEM	7.4 gal. (28 l) coolant tank. Wire mesh cartridge filter intake. Pump: 2 GPM, 90 PSI. Motor: 1 ¹ / ₃ HP, single phase, 120 volt. Power coolant cable (conducts both liquid coolant and low-voltage current): 7 ¹ / ₂ ft. (2.3 m).
SHIPPING DATA	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).
WARRANTY	One year.

OPTIONS

V1019

*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)

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

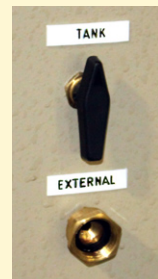
54" Crossarms	Part #2600-2
72" Column	Part #2501-2



Remote Start/Stop
Part #A3258

Dual Coolant Valve

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



Low Auxiliary Table

Accommodates taller workpieces. Various sizes.

Low table 32 x 39¹/₂"
Part #A3145

Low table 39¹/₂ x 51"
Part #A3252

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