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 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

**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'/4” (83 mm) diameter, precision ground to .002” (.05 mm) runout. Feed scale graduated in 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'/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'/4” (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'/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**


**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

**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 39'1/2” Part #A3145
- Low table 39'1/2” x 51” Part #A3252