



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.



Tap Zapper

HSS tooling removal

Salvage parts without damage in minutes

IQ head can handle small 0-80 (1.2 mm) up to 2" (50 mm) diameter tooling in one pass

Requires minimal maintenance

Auto Feed eliminates operator error and maximizes performance while minimizing electrode usage

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

Double crossarms provide rigidity, make positioning easy

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

Easy to secure parts to the work surface

Other table size options available

Made in USA

Model HK-6QT shown

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 1/16" (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, 2 3/4" (70 mm) diameter x 50" (1270 mm) high for a maximum working height of 30" (762 mm) from spindle tip to table and 72" (1828 mm) to the floor. Base secured by 3/4" (19 mm) T-bolts allowing disintegrating head to be positioned anywhere on the work surface. Radial Crossarms: Two hardened 36" (914 mm) shafts 1 1/2-inch (38 mm) diameter, traveling in recirculating ball bearings. Crossarm casting rotates 360° around column. Separate manual locks for height and rotation and a 12-inch (305 mm) lift rack for precise vertical positioning.
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. Eight 3/4" (19 mm) "T" slots, coolant spill trough and drain. Recessed control panel with oil-tight lighted push buttons, low coolant level indicator light, external fuses, and master stop push-pull switch. Supported by four heavy-duty ball bearing casters and machine levelers.
POWER SUPPLY	Input voltage options: 208, 240, 380, 480, or 550 volts AC. Circuit breaker protection. KVA ratings below.*
COOLANT SYSTEM	Built-in coolant tank. Wire mesh cartridge filter intake. Pump: 2 GPM, 90 PSI. Motor 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 for HK-6QT shown on page 1: Net 1375 lb. (623 kg), Gross domestic 1550 lb. (703 kg), Gross export 1675 lb (759 kg). Volume: 100 cu. ft. (9.3 M).
WARRANTY	One year.

Made in USA

V1019

*Power Supply KVA rating choices

to remove broken taps in one pass

- 10 KVA up to 3/4" (19 mm)
- 15 KVA up to 1-1/4" (32 mm)
- 20 KVA with IQ Head up to 2" (50 mm)



3000 lb. Permanent Magnetic Base
For working off the table. Part # A2452

Cable Extensions and Options

- 10 foot (3 m) Power Coolant Cable Part # 5126-2
- 7.5-foot (2.3 m) Power Cool. Cable Part # 5126-1
- Union for Power Coolant Cables Part # 6421
- IQ Head Extension Cable Part # A5158
- Auto Feed Extension Cable Part # A5156
- 10 foot Ground Cable Part #A5127-10

Dual Coolant Valve

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



Remote Start/Stop
Part # A3258

OPTIONS

Arcer Head

Portable – can be used with drill press and other shop tools



HK-6 Series (shown p. 1) Work surface 46 x 26" (1168 x 660 mm). Overall: 51 x 39 1/2" (1295 x 1003 mm). Eight T slots.

1-SV Series Work surf. 34 5/8 x 23 1/4" (880 x 591 mm). Overall 39 1/2 x 32" (1003 x 813 mm). Seven T slots.

2-DV Series (at right –2-SA is single arm.) Work surface 26 x 18 1/4" (660 x 464 mm). Overall 31 x 31 7/8" (787 x 810 mm). Six T slots.

Single Crossarm Superstructure

2 1/4" diameter x 30" long (57 x 762 mm). No Lift Rack. Available with small table only.

Column Sizes

- 60" (1524 mm) Part #2400-3
- 72" (1828 mm) Part #2400-4



Auto Feed Remote Control
Machine Start/Stop, Auto Feed controls and LED Current Monitor. Part #A3262

