MODEL 3-S
Compact portable disintegrator

For HSS tooling removal
Complete basic disintegration kit includes head, cables, coolant system
Everything you need in one unit
Easy to operate and fast
Ideal for small shops
Disintegrates from #4 (2.5 mm) up to 3/8” (10 mm) taps or drills in one pass
Easy movement around the shop and convenient tool/cable storage bin at back

Compact ARC•ER Head can be used with magnetic fixtures or a machine tool such as a drill press.
**STANDARD FEATURES**

**OPERATING HEAD**
Arc•er head works by making and breaking 50/60 arcs per second. Built-in LED power indicator allows the operator to optimize cutting efficiency. Operates in any position.

**BASE/CABINET**
16-gauge steel power cabinet with two handles for easy removal from base cabinet and a convenient compartment at rear for head and cable storage. 10’/” (266 mm) high, 15’ (381 mm) wide x 15” (381 mm) deep. Base cabinet with 10-gallon coolant tank rolls on four heavy-duty ball bearing casters. 18” H x 15” D x 15” W (457 x 381 x 381 mm).

**POWER TRANSFORMER**
120 or 240 volt. Disintegrator transformer rating: 3 KVA. 5 cutting heat settings. Full circuit breaker protection, general purpose Machine Tool electrical standards.

**COOLANT SYSTEM**
7 gal. (26.5 l) coolant tank on casters for easy portability. Wire mesh cartridge filter intake. Pump: 2 GPM, 90 PSI, 1/2 HP motor, single phase, 120 volt. Power Coolant Cable (conducts both liquid coolant and electrical current): double stranded, woven copper braid with polyvinyl cover. 7’ 1/2 ft. (2.3 m) length standard.

**SHIPPING DATA**
Approximate weights: net 165 lb. (74 kg), gross domestic 210 lb. (95 kg), gross export 275 lb. (125 kg). Volume: 8 cu ft (0.227 M).

**WARRANTY**
One year.

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**OPTIONS**

**Power Supply Options**
- 120 volt: 3 KVA
- 240 volt: 3 KVA

**36” 3000-lb. Magnetic base for Arc•ER Head**
This portable support package adds flexibility and work-station convenience to the 3-S. The 3,000-lb. (1360 kg) pull magnetic base securely holds the 36-inch column support. Head assembly pivots 360° on the 15” (381 mm) crossarm.
Part #A2407

**Cable Extensions**
- 10 foot (3 m) Power Coolant Cable
  - Part #5126-2
- 7.5-foot (2.3 m) Power Coolant Cable
  - Part #5126-1
- Union for Power Coolant Cables
  - Part #6421
- 10 foot (3 m) Ground Cable Extension
  - Part #A5127-10
- 10 foot (3 m) Head Cord Extension
  - Part #A5157

**External Coolant Valve**
Allows use of external coolant source via garden hose.
Part # A6449

**Mini magnetic 800-lb. base w/fixture for Arc•ER Head**
800 lb. permanent magnet holds firmly to all ferrous surfaces. Enables precise manual feed. Six angle/position adjustments with 5” (127 mm) vertical, 4.5” (114 mm) horizontal range. 4” (101 mm) downfeed.
Part #A1425

**Vacuum-base version Part #A1426**

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