



**MODEL 2-SA**

**MODEL 2-DVT**



**MODEL 2-DVQ**



**2-SA Series**

**Versatile, mid-size worktop disintegrators**

All four models salvage parts without damage in minutes – disintegrate broken screws, fasteners, bolts and taps – no heat distortion or thread damage

The sturdy single crossarm provides rigidity and ease of setup.

Choose IQ head or Arc•er Head

Choose Auto Feed or Manual Feed

Choose from four power supply options

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

Easy to secure parts to the work surface

Minimal maintenance required

See full specifications on page 2

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

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

<b>PERFORMANCE</b>	
<b>BROKEN TOOLING ONE INCH DEEP</b>	<b>REMOVAL TIME</b>
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 2-SA Series SPECIFICATIONS

## Choosing the features you need

### “Q” Head– top performer (Q/QT models)

In-the-quill disintegrator head gives continuous, reliable, heavy-duty service for the most demanding applications. Low-maintenance construction and design. The head is 3 1/4" diameter, hard chromed and precision ground with .002 run-out and 9" of vertical rack and pinion travel. Thermal protection cutout with Operator Alert can prevent expensive damage.

### Compact, durable **ARC-ER** Head

This portable disintegrator head provides reliable, accurate heavy-duty service with minimal maintenance. The state-of-the-art LED Amp Meter right in the body makes process control easy. Head is 12 1/2" long overall and weighs 5.5 lb. A 1/2" diameter, 2" long straight shank allows the head to be used remotely in fixtures or with other machine tools.

### Features by MODEL

	Q Head	Auto Feed	Arc'er Head	Spring Feed
2DV			●	●
2DVT		●	●	
2DVQ	●			●
2DVQT	●	●		

### Automatic Feed

Transistorized feed provides 9" uninterrupted feed for **hands-free** operation. Eliminates operator error, maximizes performance, minimizes electrode usage. Features adjustable automatic shutoff, auto stop, variable 2-speed, feed rate selector and plug-in integrated circuit board.

### Spring Feed

Assists operator in feeding the disintegrator head in a continuous movement. Manually adjusted. Adjustable depth stop with automatic shutoff/retract.

### Options available with 2DV Series models:

- Transformer Power rating: 3, 10, 15, or 20 KVA
  - Column height: 50" (standard) or 60"
  - Power Coolant Cable length: 7.5 ft (std.) or 10 ft
- Each of these choices affects your final cost.

## STANDARD FEATURES for all four models

<b>OPERATING HEAD</b>	Heavy-duty “IQ” (in-the-quill) head operates in any position creating sixty positive arcs per second. Can use any conductive material as an electrode. Graduated scale in 1/16" linear increments and 360 degree rotation around crossarm axis. Built-in LED power indicator.
<b>SUPERSTRUCTURE</b>	<i>Radial Crossarm:</i> Hard-chrome plated, 2 1/4-inch diameter; 30 inches long. Rotates a full 360 degrees around the column. Manually locks in position. <i>Column:</i> Hard chrome plated, 2 3/4" diameter and 50" high (a 60" column is an available option). 12" lift rack for raising and lowering the crossarm. Work height, head to the table, maximum 36" (72" to floor).
<b>BASE</b>	Heavy reinforced frame construction. Ground, cast iron work top 31" wide, 30" deep, 34" high. Six 5/8" "T" slots. Recessed control panel; lighted, oil-tight push buttons; low water level indicator light; external fuses; master stop switch; four heavy-duty ball bearing casters; coolant spill trough and drain.
<b>POWER TRANSFORMER</b>	110, 240, 380, 480, or 550 volt. Disintegrator transformer ratings are available in 3, 10, 15, or 20 KVA. (Higher KVA ratings mean you can effectively disintegrate over a larger surface area at a given rate.) Cutting heat settings from 5 to 10 depending on KVA of power supply ordered. *20 KVA available only with Auto Feed and Amp Sensing options. Circuit breaker protection; D.C. current, low voltage, Machine tool electrical standards. Mass production J.I.C. electrical standards at extra cost.
<b>COOLANT SYSTEM</b>	Pull out tank for easy cleaning. Cartridge type, filtered-intake. Pump: 2 GPM, 90 PSI ; 1/3 HP motor, single phase, 120 volt. Power coolant cable: 7 1/2-foot, double stranded, woven copper braid with polyvinyl cover.
<b>SHIPPING DATA</b>	Approximate weights - Net: 650 lb., Gross domestic: 875 lb., Gross export: 990 lb., Cubic feet: 59
<b>WARRANTY</b>	One year.

V0920

### 3000 lb. Permanent Magnetic Base

For taking disintegration off the table. Part # A2452



Options shown here must be ordered with the machine.

### Dual Coolant Valve

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



Remote Start/Stop  
Part # A3258

### Auto Feed Remote Control

Machine Start/Stop, Auto Feed controls and LED Current Monitor, Amp Sensing. 20KVA only. Part #A3262



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