METAL DISINTEGRATORS







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 Arceer 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

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 2-SA Series SPECIFICATIONS

Choosing the features you need

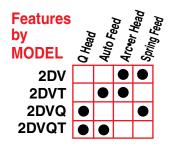
"Q" Head- top perfomer (Q/QT models)

In-the-quill disintegrator head gives continuous, reliable, heavy-duty service for the most demanding applications. Low-maintenance construction and design. The head is 3¹/₄" 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 121/2" 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.



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

OPERATING HEAD 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.

SUPERSTRUCTURE Radial Crossarm: Hard-chrome plated, 2¹/₄-inch diameter; 30 inches long. Rotates a full 360 degrees around

the column. Manually locks in position.

Column: Hard chrome plated, 23/4" 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).

BASE 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.

POWER 110, 240, 380, 480, or 550 volt. Disintegrator transformer ratings are available in 3, 10, 15, or 20 KVA.

TRANSFORMER (Higher KVA ratings mean you can effectively disintegrate over a larger surface area at a given rate.) Cut-

ting 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.

COOLANT SYSTEM 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: 7¹/₂-foot, double stranded, woven copper braid with polyvinyl cover.

SHIPPING DATA Approximate weights - Net: 650 lb., Gross domestic: 875 lb., Gross export: 990 lb., Cubic feet: 59

WARRANTY One year.

V0920



Options shown here must be ordered with the machine.

Dual Coolant Valve Select external coolant source or the built-in coolant tank.

Part # A6448





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



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