

MEDIADICE<sup>®</sup> SOLID STATE DRIVE DISINTEGRATOR-2C (MDS-2C)

**THE WORLD'S MOST TRUSTED SSD DISINTEGRATOR  
DEPLOYED TO DATA CENTERS ACROSS THE GLOBE!**



ACCEPTABLE MEDIA



SSD



Enterprise  
SSD



USB/Flash  
Drive



Cell/Smart  
Phone



Circuit Boards



Credit Card



DVD

## INDUSTRIAL STRENGTH COMMERCIAL DISINTEGRATOR

The MDS-2C has been designed for use in offices and data centers so your media can be destroyed on-site! The MDS-2C is a high-security knife-mill based disintegrator that sanitizes SSDs to a particle size of 2mm nominal edge length or less.

The MediaDice Solid State Drive Disintegrator, or MDS-2C for short, has a powerful 7.5HP motor and can handle 240 SSDs per hour. (One every 15 seconds).

SSDs can be manually loaded one at a time or placed in batches of up to 25 in the auto-loader. The autoloader also has built-in jam detection.



Phiston Technologies, the worldwide leader in end-of-life data solutions, is proud to present the most powerful SSD disintegrator on the market.

With the MediaDice-2C, you get all the power without sacrificing mobility!

The MDS-2C is made for offices and data centers alike. The MDS-2C disintegrates media to a particle size of less than 2mm, which is the standard set by the NSA-CSS.

The MDS-2C is the most rugged and powerful SSD disintegrator on the market and is trusted by some of the largest tech companies in the world. This machine has been deployed in data centers across the globe.

## BUILT-IN ENVIRONMENTAL HEALTH AND SAFETY

- HEPA Filtration system traps any potentially harmful airborne particulates from the crushing and shattering of the SSD drives.
- Crushed debris accumulates in a sealed, locked vacuum until safely disposed of.
- Noise suppression below 85db, the OSHA acceptable threshold for the workplace.
- Automatic shutdown if a jam is detected.
- Touch screen alerts when the vacuum is full and needs to be replaced.



## KEY FEATURES

- Upgraded gearbox to handle enterprise SSDs
- Disintegrates 240 SSDs per hour.
- Patented Knife mill design to ensure pulverization of media to particle size of less than 2mm x 2mm.
- Hinged screen design allows operator to easily open and safely pivot screen to inspect debris.
- Hands free operation
- Casters and leveling feet for mobility and easy installation
- Disintegrated SSDs without the need to remove aluminum casings
- Cycle counter to track volume of media destroyed and maintenance required.

## TECHNICAL SPECIFICATIONS

Dimensions	45.3" (115 cm) Wide (front left to right) • 37.8" (95 cm) Deep (front to the back of the machine) 50" High (127 cm) Height (floor to top of the machine)
Weight (excludes packing and crating)	1,250 lbs / 567 kg
Shipping Weight (includes packing, crating, and pallet)	1,500 lbs. (680 kg)
Shipping Dimensions	53.0" Wide x 45" Deep x 59" High (137 cm x 114 cm x 150 cm)
Power Requirements (voltage/frequency/current)	<b>See the label on the left side of your machine for specific factory settings</b> 200-240 Volts A.C., 3-phase, 50/60Hz, dedicated 30 Amps circuit recommended. 380-460 Volts A.C., 3-phase, 50/60 Hz, dedicated 20 Amps circuit recommended.
Current Drawn	8 Amps (no load) at 200-240 Volts A.C., 3-phase, 50/60 Hz 5.0 Amps (no load) at 400-460 Volts A.C., 3-phase, 50/60 Hz
Power Cord Included	Length: 10 ft. (3 m) 12 AWG, 4 Conductor, grounded NEMA L15-30P locking plug (Four wire 250 VAC) or NEMA L16-20P locking plug (Four wire 460 VAC)
Ambient Operating Temperature	40 - 100 °F (4 – 37.8°C)
Media Sanitization Modality	Knife Mill disintegrates media to a nominal edge length of 2mm or less.
Acceptable Media	SSD, USB/Flash Drive, Cell/Smart Phone, CD/DVD/BLU-RAY, Credit Card/IDs, Circuit Board. The manual feed will only accept SSDs, optical media, and other media, including small low-profile circuit boards up to the size of a 2.5" Standard form factor SSD or CD/DVD.
Media Sanitization Throughput	240 SSDs per hour (avg. 1 SSD every 15 seconds)
Deployment/ Transportability	Floor mounted. Built-in casters for mobility with optional leveling feet and seismic tie-downs for stability.
Machine Control/ Monitoring	Switch on manually. Security access, machine control, and Status via PLC touch screen.
Media Feeding	Autoloader with 25 SSD capacity cassette. Manual feed port for inserting one device at a time.
Debris Collection	Media are disintegrated in a knife mill chamber and extracted directly into an onboard HEPA Vacuum.
Jam/Unjam	Automatic shutdown if media jam is detected either in autoloader or knife mill. Manual unjam and restart.
Safety	Completely automatic, hands-off operation. Will not operate if lock-out doors are not completely closed, preventing hands or pieces of clothing from being carelessly caught in the machine's moving parts. The user never has to touch potentially dangerous debris. 3-Stage HEPA Filtration to meet MRV8 air quality standards.
Maintenance/ Longevity	75,000 SSDs and other media MTBF. Periodic replacement of vacuum bag and HEPA Filters by the user. Periodic service by qualified service personnel approved by Phiston may be required to replace the Knife Blades, Mill Screens, or re-tension the cutting mill's drive belt.
Technical Support	On-call technical support service department; nationwide and international technical support teams can be deployed when needed for repairs or maintenance.
Compliance	Global Safety and EMC Standards, Global Environmental Requirements, GMA, OSHA workplace for noise, electrical, mechanical, and airborne particle hazards.