

# MediaVise® Solid-State Drive (SSD) Destroyer

The Phiston MediaVise SSD Destroyer (MV-SSD) is a commercial-capacity computer solid-state drive destroyer.

The MV-SSD also destroys and renders inoperable other miniaturized electronic devices and data storage media including USBs, PDAs, cell/smart phones and circuit boards. It will also crush and disable a limited number of HDDs.



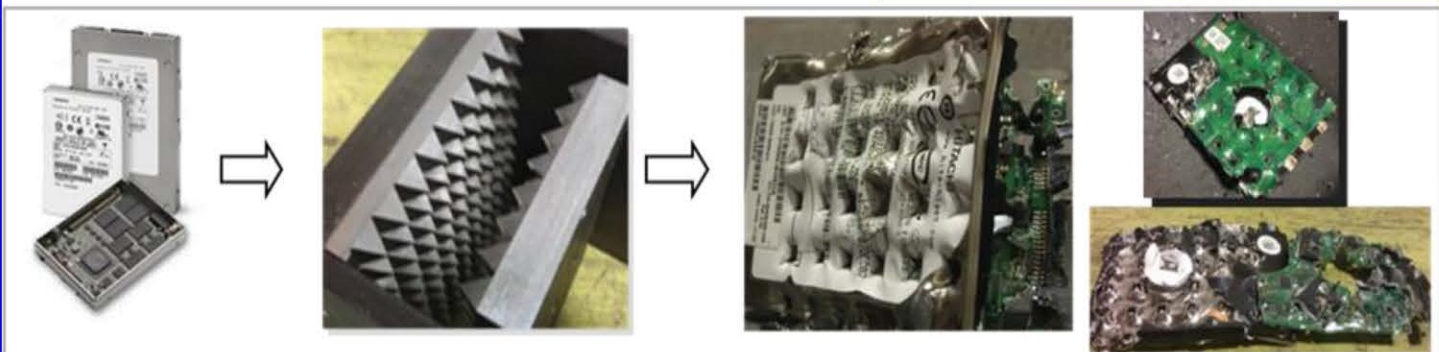
## PRODUCT FEATURES

- The MV-SSD utilizes Phiston's proprietary MediaVise hydraulic crushing platform fitted with a pair of patented crushing plates with arrays of 187 interlocking razor sharp hardened steel teeth (see below).
- The crusher delivers 20 tons (40,000 lbs) of destructive forces with up to 187 piercings of the SSD media. The fragile ceramic memory chips and controller are punctured, crushed and serrated on both sides in less than 30 seconds.
- Built-in Worker and Environmental Health and Safety features:
  - ✓ Fully automated, hands-off operation for user safety
  - ✓ Debris accumulates in a collection bin until safely disposed of
  - ✓ HEPA Filtration system traps any potentially harmful airborne particulates from the crushing and shattering of circuit boards, electronic components and silicon-based memory chips.
  - ✓ RFI and EMI Suppression to minimize interference with other electronic equipment in the vicinity
  - ✓ Noise suppression to 65db which is much quieter than the 85db threshold acceptable to OSHA for workplace

## KEY BENEFITS

- Commercial grade machine, yet portable, versatile and safe for deployment on a truck, or in an office or data center
- Media destruction can be performed in-house so media never leaves your custody intact, or entrusted to a contractor
- Simple, user friendly, automated operation
- No special adapters needed for power or for crushing various media.
- Crushing plates never need to be sharpened or replaced

## MV-SSD Patented Crushing Plates below, and Destroyed Media





## EVALUATIONS

- Approved by the Royal Canadian Mounted Police (RCMP) for Secure Destruction of **SSDs and Miniaturized Electronic Devices** including **USBs, PDAs and cell/smart phones** containing or having processed:
  - a) Protected A or B, or Confidential Information. Prior clearing or overwriting is recommended but **not** required.
  - b) Secret or Protected C information; provided information was encrypted or first cleared or overwritten.
- Approved by the RCMP for Interim Destruction pending further Approved Destruction. The MV-SSD renders **HDDs, SSDs and Miniaturized Electronic Devices** unplayable by ordinary means and is therefore approved as a risk mitigation measure for media in transit to, or awaiting additional destruction required for medium and confidentiality levels of information.
- Approved by RCMP for secure destruction of **HDDs** containing or having processed:
  - a) Protected A and B information. Prior clearing or overwriting is **not** required.
  - b) Secret or Protected C information provided information was encrypted or first cleared or overwritten
- CE/EU Listed

## MediaVise® SSD Destroyer Technical Specifications

Model	MV-SSD
Machine Weight	172 lbs. – 110 volt model 187 lbs. – 240 volt model
Machine Dimensions	27" x 22" x 12 ¼" (H x L x W)
Shipping Weight	197 lbs. – 110 volt model 212 lbs. – 240 volt model
Shipping Dimensions	32" x 25" x 15 ¼" (H x L x W)
Power Requirements (voltage / frequency / current)	220 Volts A.C. ±10%, 50/60 Hz, 7.5 Amps 110 Volts A.C. ±10%, 50/60 Hz, 15 Amps Factory Configured for any international power supplies
Maximum Media Size Destroyed	5.75" x 1.25" x 4" (H x L x W)
Full Crushing Cycle Time	30 seconds. Debris falls into debris bin. No need to clean machine after each use.
Media Accepted	Dedicated SSD destroyer (no adapters required), cell phones, circuit boards, memory chips. Will also crush a limited number of HDDs making them inoperable.
Debris Collection	Debris is ejected directly into enclosed collection bin which holds up to 80 SSDs
Maintenance/Longevity	100,000 Cycles MTBF. No blades to be replaced or sharpened
Technical Support	On-call technical support service department; nationwide and international technical support team that can be deployed if and when repairs or maintenance needed.

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