

MEDIAVISE[®] RACKMOUNT HARD DRIVE (HDD) DESTROYER (MVR-HDD)

**Redefining Data Destruction:
Rack-Mounted Precision for Data Centers**

ACCEPTABLE MEDIA



HDD



Enterprise-
HDD



HAMR



MAMR



Cell/Smart
Phone



USB/Flash
Drive



DVD



DESIGNED FOR SAFE AND EFFECTIVE DATA CENTER DEPLOYMENT!

The MediaVise® Rackmount HDD Destroyer (MVR-HDD) is the first and only commercially available HDD destroyer that can be installed in a server rack.

The MVR-HDD was designed for data center deployments utilizing between nine and twelve standard rack units. The MVR-HDD only takes up nine rack units. All mounting and hardware installation is included.

The MediaVise® Rackmount HDD Destroyer has been successfully evaluated by the National Security Agency (NSA/CSS approved) for the secure destruction of HDDs.

The crusher delivers 20 tons (40,000 lbs) of destructive forces to mangle and destroy the HDD's magnetic data storage platters, controller, and read heads in less than 30 seconds.

With the convenience and peace of mind of having full chain of custody, the MVR-HDD is your safe, easy-to-use, and comprehensive hard drive destruction solution!



As technology and data storage mediums have continued to evolve at a groundbreaking speed, so has the need to advance end-of-life data destruction methods. Phiston Technologies is the leader in end-of-life media destruction, and each of our products is designed with your needs in mind.

The rackmount destroyer has a lifecycle of 50,000 usages without the need to replace or sharpen the blades and uses Phiston's proprietary technology hydraulic crushing system. The destroyer doesn't simply fold a hard drive or punch a few holes in it; the device crushes and demolishes every square inch of the HDD, rendering all data storage surfaces completely sanitized.

The MVR is tailor-made for data center deployment. It is rack mountable, utilizing nine standard rack units, including the secure debris drawer. Other HDD destroyers have large footprints and typically have to be mounted on a table, taking up valuable real estate in a data center or on a shelf in a rack, and may occupy up to 17 rack units.

The MVR-HDD can also safely destroy cell phones, circuit boards, memory boards, and CD/DVD/Blue Ray.

The crushing process is completely automatic and designed for user safety. The system requires no adapters and allows you to insert a hard drive in any orientation. Simply insert the hard drive and press the crush button to begin the destruction process.

BUILT-IN ENVIRONMENTAL HEALTH AND SAFETY

- HEPA filtration system traps any potentially harmful airborne particles from the crushing and shattering of circuit boards, electronic components, and silicon-based integrated circuited 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 the workplace.

KEY FEATURES AND BENEFITS

- Destroyed media falls directly into a locked, secure debris collection drawer that can accommodate up to 25 destroyed HDDs and other media. The operator never has to touch the debris to remove it from the crushing chamber.
- Locking Drawer for securely storing destroyed media can only be opened by a secure passcode.
- Fully automated, hands-off operation for user safety.
- Fully sanitizes drive in less than 30 seconds.
- No special adapters are needed for power or for crushing various media.
- Crushing plates never need to be sharpened or replaced.
- Rack-mountable in Standard Racks and safe for Data Centers. Uses nine rack units.
- Adaptable to mobile racks (typically 9-12 mobile rack units). Mobile racks are the ideal vehicle for a complete mobile erasure/overwrite and destruction platform for data centers. Phiston builds mobile racks with up to 18 units.

TECHNICAL SPECIFICATIONS

Dimensions	16" x 28" x 19" (41 cm x 72 cm x 48 cm) (H x L x W) Occupies 9 EIA standard rack unit spaces (9RU)
Weight (excludes packing and crating)	160 lbs. (72 kg) – 110-volt model 180 lbs. (82 kg) – 220-volt model
Shipping Weight (includes packing, crating, and pallet)	200 lbs. (91 kg) – 110-volt model 220 lbs. (100 kg) – 220-volt model
Shipping Dimensions	21.25" x 23.25" x 32.5" (H x W x D) (54 cm x 60 cm x 83 cm) (H x L x W)
Power Requirements (voltage/frequency/current)	See the label on the left side of your machine for specific factory settings 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.
Power Cord Included	Length: 6 ft. (183 cm), 2 Pole-3 wire grounding: C13/C14 three-prong grounded (IEC 60320) or equivalent global-region standard per request.
Ambient Operating Temperature	40 - 100 °F (4 – 37.8°C)
Media Sanitization Modality	Hydraulic crushing platform fitted with a pair of patented corrugated interlocking crushing plates, delivering 20 tons (40,000 lbs) of destructive forces to mangle and destroy the HDD's magnetic data storage platters, controller, and read heads.
Acceptable Media	HDD and Enterprise HDD (includes HAMR, MAMR, EAMR, and Hybrid), cell phones, circuit boards, and PDAs.
Media Sanitization Throughput	30 seconds. Debris falls into the debris bin. No need to clean the machine after each use. (120 Drives per hour)
Deployment/ Transportability	Rack mounted on retractable slide tracks in EIA standard server rack. Uses 9RU. Commercial grade, portable SSD destroyer that is safe for deployment in offices, data centers, or on a truck.
Machine Control/ Monitoring	Fully automated, hands-on operation for user safety.
Media Feeding	Gravity-assisted, top-loaded manual feed port for inserting one device at a time. 5.75" x 1.25" x 4" (15 cm x 3 cm x 10 cm) (H x L x W)
Debris Collection	Locked, secure debris collection drawer that holds up to 25 destroyed computer HDDs and 50 laptop HDDs. Debris drawers can only be opened by an authorized operator with a key or by entering a 4-digit access code for the optional electronic lock and keypad. The window in the drawer allows inspection of debris.
Jam/Unjam	Manual unjam.
Safety	Completely automatic, hands-off operation. Won't operate if the lock-out door is not completely closed, preventing hands or pieces of clothing from being carelessly caught in the crushing chamber. The user never has to touch potentially dangerous debris. HEPA Filtration to meet MRV8 air quality standards.
Maintenance/ Longevity	Crushing plates never need replacing. 50,000 cycles MTBF.
Technical Support	On-call technical support service department; nationwide and international technical support teams can be deployed when required repairs or maintenance.
Compliance	OSHA workplace compliant for quiet and safe operations. HEPA filtration to meet MVR8 air quality standards. CE and GMA compliant. National Security Agency (NSA) successfully evaluated the destruction of HDDs. Included on NSA's Evaluated Products List (EPL). Evaluated and approved by the Royal Canadian Mounted Police (RCMP) for Secure Destruction of HDDs and Miniaturized Electronic Devices, including SSDs, USBs, PDAs, and cell/smartphones. CE/EU listed.