![SEM logo]

Global Leader in High Security Information End-of-Life Solutions for Over 50 Years

High Security Information End-of-Life Solutions

Custom engineered data destruction solutions to meet any security regulation, including NSA/CSS and NIST 800–88, for all types of data storage media.
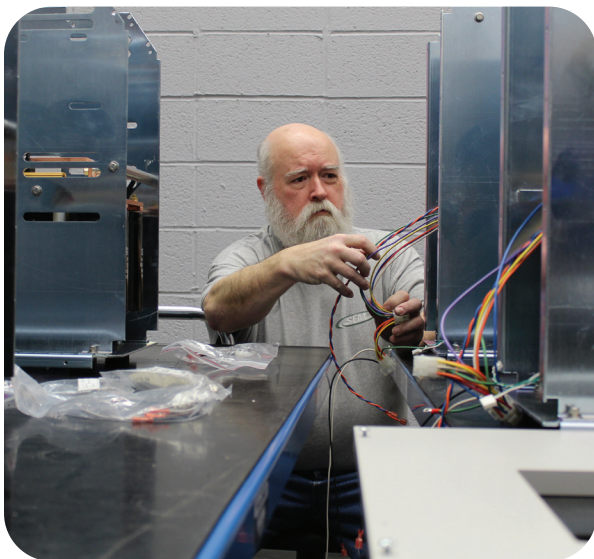
www.semshred.com

The World of SEM

SEM Founder and Korean War Veteran Leonard Rosen with a map showing SEM installs around the world

Leadership and Innovation

For over 50 years, SEM has been the driving force behind document and data destruction innovations that are now considered industry best practices. From the world's first disintegrator to the industry's most successful line of electronic media crushers and shredders, SEM enjoys a reputation for innovation earned from a firm commitment to quality, engineering, design, and product manufacturing.

Engineering and Design

Using state-of-the-art CAD systems, our engineering team works with our customers in all types of industries — from the DoD community and State agencies to data centers and commercial entities — to implement or create solutions to fit their needs. Our engineering design team creates out-of-box solutions for sanitization of all classified information, many of which are found on the NSA EPLs. Our system integration engineers work with building contractors and architects to create centralized design/build, fully integrated destruction systems. We specialize in development of custom, green solutions from concept to manufacturing using our in-house development phase gate process. Our engineering team prides itself on being a customer focused solution provider. Whether designing a commercial, off-the-shelf solution for government or military use or a customized design/build system for a Fortune 500 company, our dedicated team has the creativity, experience, and aptitude to deliver solutions that consistently exceed expectations.

Complete Manufacturing Capabilities

Unlike most suppliers of information destruction equipment, SEM is the manufacturer, not just a reseller. Our facility is equipped with state-of-the-art factory automation equipment where we cut, mill, turn, and grind steel used in most of our products. Using ISO14001 standards, our quality management system is second to none, and our manufacturing and quality control staff are industry leaders who take the highest pride in every item they assemble and test. Our in-house manufacturing capabilities also allow us to react more quickly to customer demands than suppliers who rely on outside contract manufacturers. With an SEM OEM product, you can feel confident you are getting the highest quality product available. **All SEM degaussers, crushers, disintegrators, and hard drive shredders are proudly made in the USA.**

Global Service Providers

SEM not only designs and manufactures the industry's premier data destruction devices, we also pride ourselves on the level of service we provide. From our dedicated customer care team to our knowledgeable and friendly service technicians, we are here to make sure that your experience with SEM is nothing short of exceptional. SEM service technicians maintain clearances including TS/SCI, are located throughout the United States, and are deployed globally to provide consulting, evaluation, installation, and maintenance on our devices. With over 50 years of experience and a dedicated, customer-centric team, SEM is the undisputed leader in the data destruction device industry today.

NEW! SSD2-HS
NSA Listed Solid State Destroyer

SEM's new NSA listed SSD2-HS disintegrator destroys solid state drives and boards to a 2mm² final particle size ensuring complete destruction of SSD devices. Designed for enterprise drive destruction, the SSD2-HS cuts through multiple steel plates, carriers, and other enterprise drive constructed components as well as solid state drives, cell phones, thumb drives, laptop boards, and memory modules, making it the most capable industrial SSD destruction device on the market today.

Throughput/ Hour:	Up to 500 devices with casings removed, or 60 solid state drives in casings
Media Accepted:	SSDs in casing, USB drives, SD cards, compact flash, micro SD, SIM cards, RAM, and cell phone components
Dimensions (HXWXD):	Disintegrator: 49" x 53" x 34" Fan system: 67" x 26" x 48"
Electrical:	Disintegrator: 3-Phase; Fan system: 120V
Waste Collection:	3-gallon air system with HEPA filter

- **Listed on NSA/CSS EPL**
- **2mm² Particle**
- **Touch Button Controls with E-Stop**
- **External Vacuum**
- **HEPA Filtration**
- **Hour Meter**
- **Solid Steel Cabinet**
- **Self-Contained Waste Collection**
- **Easy-Lift Handle for Waste Removal**
- **Contact SEM for Pricing**

Learn more at semshred.com/ssd2-hs

External vacuum ensures smooth operation and jam mitigation

Carbon pre-filter with HEPA filtration to remove fine particulates and ensure operator safety

User-friendly touch button interface

Custom feed slot ensures safe media feeding

Solid steel enclosure

Enclosed waste collection with auto bag full indicator and handle for easy removal

Degauss Magnetic Media

Degaussers create powerful magnetic fields to sanitize magnetic storage media, rendering the drive useless. Degaussable media includes rotational hard drives; computer, audio, and video tapes; and magnetic removable storage media. Classified data stored on magnetic media must be degaussed in an NSA listed degausser prior to being physically destroyed in an NSA listed crusher or shredder.

EMP-1000 HS

NSA Listed:	Yes
Throughput/Hour:	Up to 570 drives
Dimensions (HXWXD):	23" x 11.4" x 19"
Weight:	160 lbs.
Type:	Electromagnetic
Magnetic Field:	2.0 Tesla/20,000 gauss
Electrical:	120-240V— 50-60Hz; auto sensing voltage
Verification Method:	Built-in magnetic field sensor with visual field verification
Special Features:	Fully integrates with SEM's iWitness media tracking system
NSN:	7490-01-700-2954
Gov. Price:	$16,537

NSA Listed Degauss, Destroy, Document Bundle for Classified HDDs

Combine the EMP1000-HS NSA Listed magnetic degausser with the 0101 hard drive crusher and iWitness end-of-life documentation tool for a degauss, destroy, and document bundle to completely eliminate high security data from magnetic media in accordance with NSA and DoD guidelines. SEM's iWitness allows you to seamlessly track end-of-life media and export for auditing purposes.

Includes the following components:

- EMP1000-HS NSA Listed degausser
- 0101 NSA Listed automatic hard drive crusher
- iWitness software and hardware bundle includes laptop with SSD drive and preloaded software
    - SCIF compliant
    - Compact and portable
    - TAA compliant per FAR 52.204.24 through 52.204.26

Destroy Hard Drives

The SEM 0101 NSA listed hard drive crusher is the ideal way to meet step two of the DoD's degauss and destroy mandate. Destruction takes only eight seconds, and the 0101 is the only unit on market with a chamber large enough to fit hard drives mounted with rails. Crushers used for classified media MUST be NSA evaluated and listed.

0101 Crusher

	0101	0101 with SSD Kit
NSA Listed:	Yes	Yes, HDD only
Throughput/Hour:	Up to 204 devices	
Dimensions (HXWXD):	22" x 10" x 19"	
Media Accepted:	HDD	HDD and SSD
Electrical:	115V/60Hz, standard 15 amp outlet, other voltages available	
Special Features:	Only powered unit that accepts drives with integrated rails	Includes two easily interchangeable anvils
NSN:	115V: 7490-016-948-148 220V: 7490-016-948-151	7490-016-948-150 (SSD Kit)
Gov. Price:	$6,517	$9,510

With the iWitness it is easy to adhere to the NIST 800-88 documentation requirements, which includes recording the following:

- Manufacturer
- Model
- Serial number
- Method used
- Tool used
- Verification method
- Name of operator
- Date, and more

$24,321

Hard Drive IT Shredders

All SEM IT shredders are noted on the NSA/CSS EPL for HDD Destruction Devices

All SEM IT shredders meet DIN Level H-4 and are available as combo shredders, destroying both HDDs and SSDs in one convenient device, or for HDDs only. Devices can be configured in a variety of options to fit specific usage, power, and space requirements. **NSNs available for hard drive shredders and 0315 HDD Value Kit.**
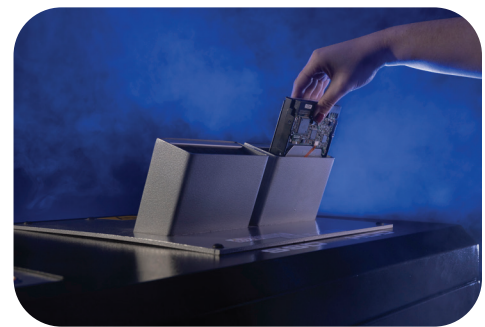
PLEASE NOTE:

- Classified HDDs must be degaussed in an NSA listed degausser (see SEM EMP1000-HS, page 4) prior to physical destruction.

- SSDs are not degaussable. Classified SSDs must be destroyed to the NSA's mandated 2mm^2 particle size, achievable with an SSD disintegrator (see SEM SSD2-HS, page 3).

0304 with 20" feed chute

SEM IT shredders are also available in a Value Kit (VK) configuration.

SEM's IT shredder value kits are a plug and play solution that take the guesswork out of ordering a shredder. VKs include an IT shredder, integrated HEPA air filtration system for ultimate operator and environmental health and safety, metal shroud and Lexan cover for discharge conveyor, and domestic crating. Voltages can be custom-configured to user's site.

	Model 0315	Model 0305	Model 0304
Throughput/hour:	Up to 350 drives	Up to 3,000 drives	Up to 3,500 drives
Dimensions (HXWXD):	44" x 45" x 21"	66" x 60" x 79"	67" x 75" x 94"
Motor/Electrical:	1.5 HP 110V, 20A 1-phase; 3-phase, international available	10 HP 208/230/460 3-phase; international available	20 HP 208/230/460 3-phase; international available
Final Particle Size:	1.5" HDD 0.375" SSD	1.5" HDD 0.375" SSD	1.5" or 0.75" HDD 0.375" SSD
Special Features:	Unique to SEM: dual infeed and separate cutting chambers on combos; hardened solid steel "pierce and tear" cutters; enterprise destruction		
NSN:	Yes	Yes	—
Starting At:	$29,793	$58,989	$66,780

NSA Listed Disintegrators

The Disintegrator: SEM's Flagship Product and a Legacy

On January 23, 1968, the USS Pueblo, a lightly armored Navy intelligence vessel performing routing surveillance, was intercepted and attacked by North Korean patrol boats. With capture inevitable, the Americans stalled for time, destroying the classified information aboard while taking fire. Unfortunately, the volume of material on board was so great that it was impossible to destroy it all prior to capture, and only a small amount of the classified material was destroyed.

Upon learning of the "Pueblo Incident," Korean War Veteran and SEM Founder Leonard Rosen was struck with the idea that there must be a better way to destroy classified information, and he began working to develop a faster, more efficient and secure method. Within weeks he had developed the concept for the world's first paper disintegrator — and the SEM legacy was born.

DS 1436

About Disintegrators

Disintegrators incorporate rotor and bed knives to pulverize material inside a cutting chamber until it is small enough to fall through a pre-determined screen size, ensuring the final particle size produced is the same every time. **All SEM disintegrators are listed on the NSA/CSS Evaluated Products List for the destruction of paper, key tape, and CDs when purchased with a 3/32" screen.**

In addition, they are available with final particle sizes ranging from 2mm to 25mm depending on screen size, use 3-phase electrical, and are fully customizable by SEM's in-house engineering team with a variety of options including horsepower, waste evacuation systems, sound enclosures, and enhanced user interfaces. SEM's dual stage disintegrators (3000 and 1400 series) are ideal for central destruction solutions.

	1012/5	23	3000 (Dual Stage)	1400 Series
NSA Listed:	Yes	Yes	Yes	Yes
NSA Evaluated Throughput:	500 lbs. per hour	900 lbs. per hour	1,200 lbs. per hour	2,400 lbs. per hour
Max. Throughput:	1,000 lbs. per hour	1,800 lbs. per hour	2,400 lbs. per hour	5,000 lbs. per hour
Feed Opening:	10" x 16"	12" x 24"	12" x 24"	14" x 36"
Dimensions (HXWXD):	62" x 28.5" x 42"	74" x 42" x 48"	120" x 78" x 60"	74" x 80" x 65"
Special Features:	Entry level device for compact, affordable, capable destruction	Exceptional horsepower and throughput in a compact device	Dual stage for destruction of hard bound manuals, banker's boxes, and burn bags	Ideal for highest volume centralized destruction facilities such as large military bases or data processing centers
Motor:	15 HP	30 or 40 HP	Dual stage: 30 HP with 10 HP pre-shredder	40, 75, or 100 HP; also available as dual stage with pre-shredder

Disintegrator VKEs

All SEM disintegrator value kits with enclosure (VKE) include state of the art technologies and features such as customized MX sound enclosures to reduce sound and dust during operation, waste collection systems, and solid steel rotors designed to provide 70% more rotor mass than open rotor designs. SEM's disintegrator value kits also include SEM's proprietary knives that provide 25% more wear than traditional knives. The Model 1012/5VKE is ideal for low to medium volume, centralized destruction; while the Model 23/5VKE is for very high volume applications.

Disintegrator VKEs include the following:

- Hour meter and key lock
- Push button controls
- Visual load sensor with timed shutdown
- Dual bag waste collection
- Bottomless high efficiency filter kit
- Machine sound dampening

- Custom STC rated sound enclosure for sound, odor, and dust mitigation
- Spare knives and waste collection bags
- Integrated easy-to-use operator control center
- Maintenance kit
- Enclosure lighting

Environmentally-Friendly Centralized Destruction Systems

SEM offers completely customized and fully configured dual stage industrial disintegrator systems to efficiently and effectively destroy any required volume of mixed media to NSA or CUI specifications. All systems are NSA listed for paper, key tape, and CDs and are ideal for medium to very high volume destruction. Other customizable options include sound mitigation, feed conveyors, air evacuation systems, cart tippers, master control panels, air locks, air stands, and inline magnetic separators. Choose from our pre-configured VKE Green systems or have our in-house engineering staff design the ideal solution to meet any application.

SEM Briquetting Solutions — From small batch systems to room-size, automated processes, SEM briquettors reduce large volumes of loose waste into small, 100% recyclable briquettes and provide points towards LEED accreditation. Any SEM disintegrator (new or retrofit) can be paired with a briquetting system to provide an eco-friendly waste reduction solution.

NSA Listed Turnkey Disintegrators

SEM's turnkey disintegrators are versatile devices that are suitable for the destruction of both mixed media and optical media as well as paper. **All devices on this page are listed on the NSA/CSS EPL for paper, CDs, and key tape.**

	200	DS-200	DS-400
NSA Listed:	Yes — CDs, Paper, Key Tape		
Throughput Capacity:	Up to 75 lbs. per hour	Up to 100 lbs. per hour	Up to 200 lbs. per hour
Media Accepted:	Optical media, paper, small eMedia		
Final Particle Sizes:	2mm-9mm, screen dependent	2mm-9mm, screen dependent	2mm-9mm, screen dependent
Dimensions (HXWXD):	59" x 51" x 25"	59" x 51" x 25"	65" x 51" x 25"
Waste Collection:	35 gallon vacuum		
Motor:	0.5 HP	1 HP with 0.5 HP pre-shredder	3 HP
Electrical:	115V—60Hz, 20 amp; international available	115V—60Hz, 30 amp; international available	208/230/460 3-phase; international available
NSN:	7490-01-461-6124	7490-01-504-5606	—
Gov. Price :	$12,090	$15,450	$19,092

Solid steel enclosure with sound mitigation ▼

The ultimate plug and play solution for lower volumes of paper, optical, and small e-media.

▲ Vacuum and waste collection

▲ Disintegrator (DS-200 includes a pre-shredder)

SEM's turnkey disintegrators are self-contained units that include integrated vacuum and waste collection and an office-sized disintegrator, all in a solid steel cabinet with state-of-the-art soundproofing. Mounted on lockable casters for portability.

NSA Listed Paper Shredders

All SEM high security paper shredders are listed on the NSA/CSS EPL for Paper Shredders and are NIST 800-88 compliant for the destruction of classified, top secret, COMSEC, SCI, and CUI, producing a final particle smaller than the NSA and NIST 800-88 mandated 1mm x 5mm. All SEM paper shredders are best in class.

Departmental Shredders

	344	266/4	5140C/4	1201CC
Special Features:	Smallest particle on the NSA EPL 0.8mm x 2.5mm	Highest volume high security paper shredder at 28 reams per hour	Ultra wide feed throat for larger sized paper and ultimate flexibility	100% OIL-FREE, eco-friendly with replaceable cutting head
NSA Listed:	Yes	Yes	Yes	Yes
Particle Size:	0.8mm x 2.5mm	0.8mm x 5mm	0.8mm x 5mm	0.8mm x 5mm
Sheet Capacity/Pass:	Up to 8	Up to 18	Up to 18	Up to 10
NSA 1-Hour Rating:	12 reams/5 sheets	28 reams/10 sheets	24 reams/10 sheets	18 reams/6 sheets
Feed Opening:	10.25"	12.25"	16"	11.75"
Auto Oiler:	Yes	Yes	Yes	OIL-FREE
Dimensions (HXWXD):	36.5"x19.5"x18.5"	40"x21.5"x23.5"	40"x26"x23.5"	34"x20"x20"
Weight:	106 lbs.	225 lbs.	253 lbs.	106 lbs.
Bin Capacity:	28 gallon	48 gallon	60 gallon	30 gallon with particle mixer
Electrical:	115V—60Hz or 220V—50Hz; international voltages available			
NSN:	115V: 7490-01-664-8153 220V: 7490-016-946-960	115V: 7490-01-395-3263 220V: 7490-01-681-3681	115V: 7490-01-461-6119 220V: 7490-01-694-6959	115V: 7490-01-664-9499 220V: 7490-016-947-764
Gov. Price:	$3,771	$5,643	$6,250	$5,719

Desk Size Shredders

	1324C/3WO	2226CC/3WO	244/4
NSA Listed:	Yes	Yes	Yes
Particle Size:	0.8mm x 5mm		
Sheet Capacity/Pass:	Up to 4	Up to 11	Up to 13
NSA 1-Hour Rating:	5 reams/3 sheets	15 reams/6 sheets	17 reams/8 sheets
Feed Opening:	9.5"	10.25"	10.25"
Auto Oiler:	Yes	Yes	Yes
Dimensions (HXWXD):	33"x20"x15"	36.5"x19.5"x18.5"	36.5"x19.5"x18.5"
Weight:	69 lbs.	106 lbs.	106 lbs.
Bin Capacity:	20 gallon	28 gallon	28 gallon
Electrical:	115V—60Hz or 220V—50Hz; international voltages available		
NSN:	—	—	115V: 7490-01-504-5605 220V: 7490-016-946-017
Gov. Price:	$1,666	$2,768	$2,909

344

The only high security paper shredder on the market with a final particle size 50% smaller than the NSA mandate.
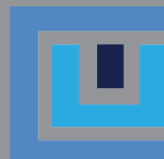
▲ 0.8 mm x 2.5mm final particle size

▲ Factory installed automatic oiler

▲ Ergonomic easy switch with auto start/stop and reverse

▲ Bag full/door open indicator

▲ Energy Savings Mode (ESM) shuts off power when not in use

▲ Mounted on casters for easy relocation

1201CC

The world's most versatile and eco-friendly NSA listed high security paper shredder. Only from SEM.

▲ The ONLY shredder on the market today that was evaluated and approved by the NSA to run without oil

▲ Fully replaceable cutting heads extend the life and lower total cost of ownership

▲ Whisper quiet operation

▲ Touch pad controls

▲ All metal cabinet

All SEM paper shredders incorporate solid steel cutting heads

All SEM NSA listed paper shredders and disintegrators are also NIST 800-88 compliant, meeting the requirements for the destruction of classified, top secret, COMSEC, SCI, and CUI.

CONTROLLED UNCLASSIFIED INFORMATION

All SEM NSA listed paper shredders produce a P-7 0.8mm x 5mm particle or smaller

SEM manufactures and ships from our warehouses in Massachusetts. We are proud to be Made in the USA!

For over 50 years, SEM has been a trusted partner of the most secure agencies in the Federal Government. In more recent years, SEM has become the trusted partner of the world's largest data centers and cloud service providers.

The SEM global service team provides installation, technical support, and maintenance services for our devices.

Our technicians maintain the highest government clearances and are ready to travel at a moment's notice to support our military and government clientele.

SEM GSA MAS Contract

Information Technology Schedule 70
Contract #GS-35F-005AA
SIN 132-8; 132-12
Contract Period: 10/10/2022-10/10/2027

For detailed info on SEM's GSA contracts, visit www.semshred.com/gsacontracts

Prices and specifications subject to change without notice.

Cage Code Number: 29810
Federal ID Number: 04-2425508
DUNS Number: 00-595-7329
Unique Entity Identifier (UEI): NSW6L6MM5GS5

Veteran Owned
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