



*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 including paper, hard drives, solid state, optical, currency, ID/credit cards, dog tags, cell phones, tablets, and eMedia.



www.semshred.com



NIST

The World of SEM

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.



Consistent, efficient
SSD destruction to 2mm



SSD2-HS

Introducing the SSD2-HS

SEM's new SSD2-HS disintegrator destroys solid state drives and boards to a 2mm² final particle size ensuring the complete destruction of any and all SSD devices. Fan system mitigates jamming, providing end users with consistent, smooth operation. Designed for enterprise drive destruction with increased torque, the SSD2-HS can cut 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. This revolutionary system includes state-of-the-art sound dampening insulation, HEPA filtration, as well as a variety of safety, ease-of-use, and convenience features. [Visit our website for more info!](#)



- ▲ 2mm² Particle
- ▲ Hour Meter
- ▲ E-Stop
- ▲ External Vacuum
- ▲ HEPA Filtration
- ▲ TAA Compliant

	SSD2-HS
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:	3-Phase 460/230/208—60Hz; international voltage available Fan System: 120V
Waste Collection:	3-gallon air system with HEPA filter



Magnetic Media Degaussers

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 such as floppy, ZIP, JAZZ, REV, and Syquest disks. **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.**



EMP1000-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
Gov. Price / Comm. Price:	\$15,750 / \$17,640

NSA Listed Degauss, Destroy, Document Bundle for Classified HDDs

SEM's iWitness allows you to seamlessly track end-of-life media and export for auditing purposes. System meets NSA/CSS requirement for destruction of classified HDDs by first degaussing then destroying the drive.

Includes the following components:

- EMP1000-HS NSA Listed Degausser
- 0101 NSA Listed Auto Hard Drive Crusher
- iWitness Software and Hardware Bundle
 - SCIF compliant
 - Compact and portable
 - TAA compliant per FAR 52.204.24 through 52.204.26

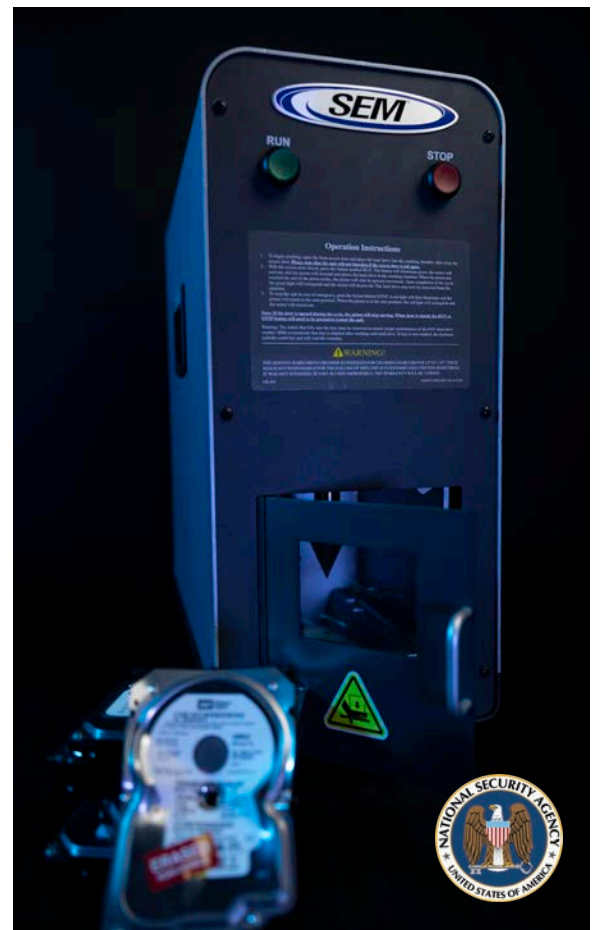


IT Crushers

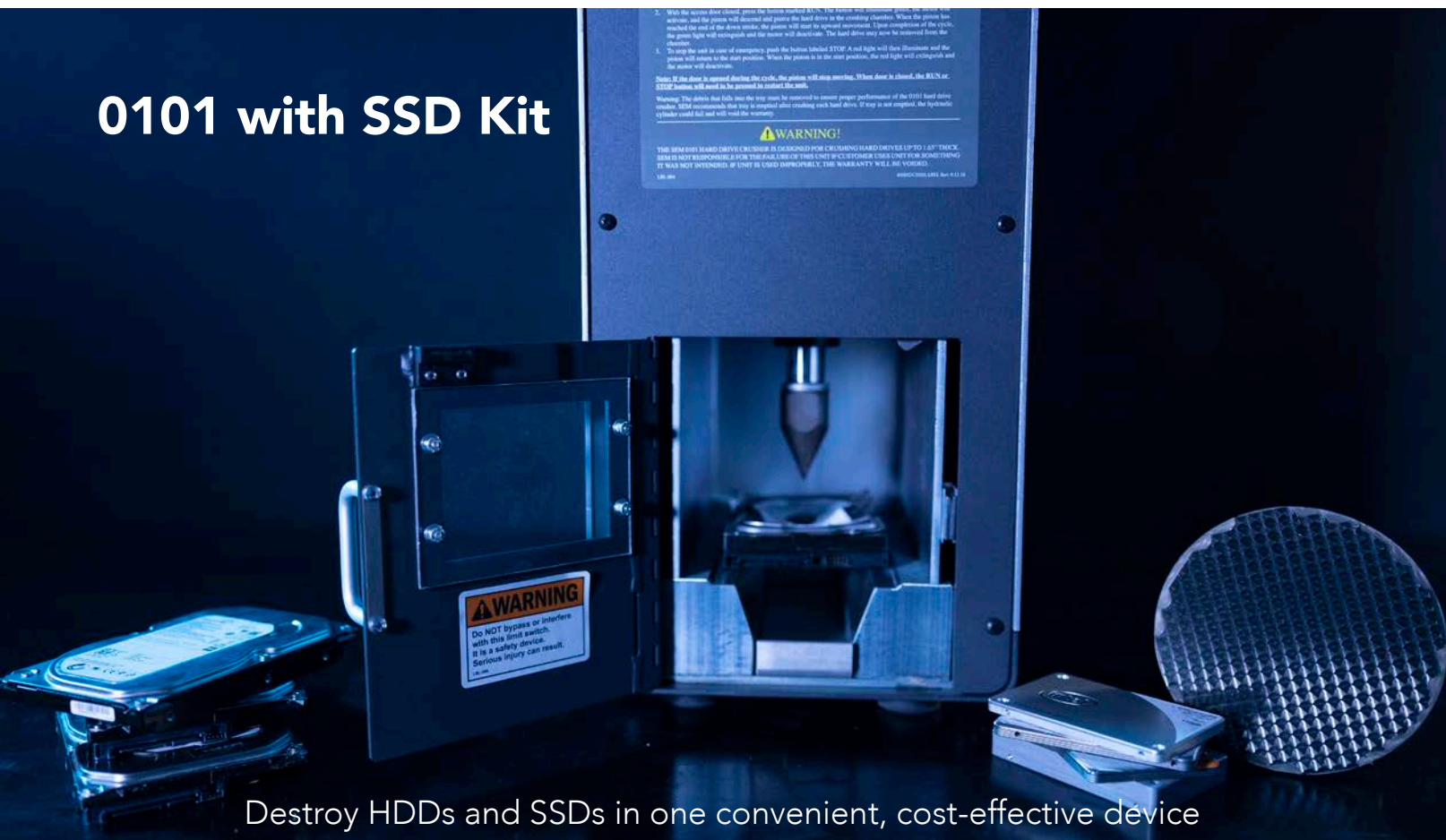


0101 Automatic Hard Drive Crusher

	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:	7490-016-948-148 (115V) 7490-016-948-151 (220V)	7490-016-948-150 (SSD Kit)
Gov. Price / Comm. Price:	\$4,714 / \$5,280	\$7,139 / \$7,995



0101 with SSD Kit



Destroy HDDs and SSDs in one convenient, cost-effective device

Enterprise IT Shredders

All SEM enterprise IT shredders are noted on the NSA/CSS EPL for HDD Destruction Devices and meet DIN Level H-4. They 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.

All enterprise 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. **NSNs available for hard drive shredders and 0315 HDD Value Kit. Contact us for more info!**



0304 Combo

	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, int'l available	10 HP 208/230/460 3-phase; int'l available	20 HP 208/230/460 3-phase; int'l 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	—
HDD Only Gov./Comm.:	\$23,168 / \$25,948	\$44,100 / \$49,392	\$50,925 / \$57,036
HDD VK Gov./Comm.:	\$23,168 / \$25,948	\$44,100 / \$49,392	\$50,925 / \$57,036
HDD/SSD Gov./Comm.:	\$29,793 / \$33,368	\$59,989 / \$66,067	\$66,780 / \$74,793
HDD/SSD VK Gov./Comm.:	\$32,043 / \$35,888	\$65,639 / \$73,515	\$73,430 / \$82,241

The ONLY shredders designed specifically to destroy enterprise drives with steel parts and multiple plates



0305 Combo and 0315 Combo



SEM's combo shredders are ideal for destruction of HDDs, SSDs, data tapes, cell phones, smartphones, optical media, memory sticks, thumb drives, PCBs, and other related electronic storage media

Optical Media Destroyers

SEM's line of optical media destroyers includes devices on the NSA/CSS EPL for optical media as well as NSA/CSS EPL listed devices that destroy both paper and optical.



	0201 OMD	Formax 8732 Combo
NSA Listed:	Yes — CDs (DVDs through 2024)	Yes — Paper, CDs, DVDs, BDs
Throughput Capacity:	Up to 1,583 discs per hour	Dependent on media
Final Particle Size:	2mm x 3.9mm	Paper: 1mm x 5mm Optical: 2mm x 2mm
Dimensions (HXWXD):	32" x 20" x 18"	31" x 26" x 45"
Waste Collection:	15 gallon internal bin	Paper: 28-gallon internal bin Optical: 21-gallon internal bin
Electrical:	120V—60Hz or 230V—50Hz	115V—60Hz
Gov. Price / Comm. Price:	\$3,895 / \$4,362	\$6,895 / \$7,722

A Tradition of Excellence for Over 50 Years

On January 23, 1968, the USS Pueblo, a Navy intelligence vessel, was engaged in a routine surveillance mission when it was intercepted by North Korean patrol boats. According to U.S. reports, the Pueblo was in international waters when the North Koreans turned their guns on the lightly armed vessel and demanded its surrender. The Americans refused, and the North Koreans opened fire, wounding the commander and two others. With capture inevitable, the Americans fought back, destroying information aboard while taking further fire. Unfortunately, the volume of material on board was so great that most was lost prior to capture, and only a small amount of the classified material was destroyed.

Upon learning of the "Pueblo Incident," Korean War Veteran Leonard Rosen was struck with the idea that there needed to be a way to destroy classified information, and he began working to develop a faster, more efficient and secure method. With his efforts, the world's first paper disintegrator — and the SEM legacy was born.

Today, the SEM name has become synonymous with secure data destruction and SEM continues to lead the industry in product performance, operational excellence, and unsurpassed service and support.



of the North Korean coast when it was
waters almost 16 miles from shore, but the
s attempted to escape, and the North
stalled for time, destroying the classified
t that it was impossible to destroy it all

at there must be a better way to destroy
thin weeks he had developed the concept

d the industry through innovation, superior



NSA Listed Disintegrators

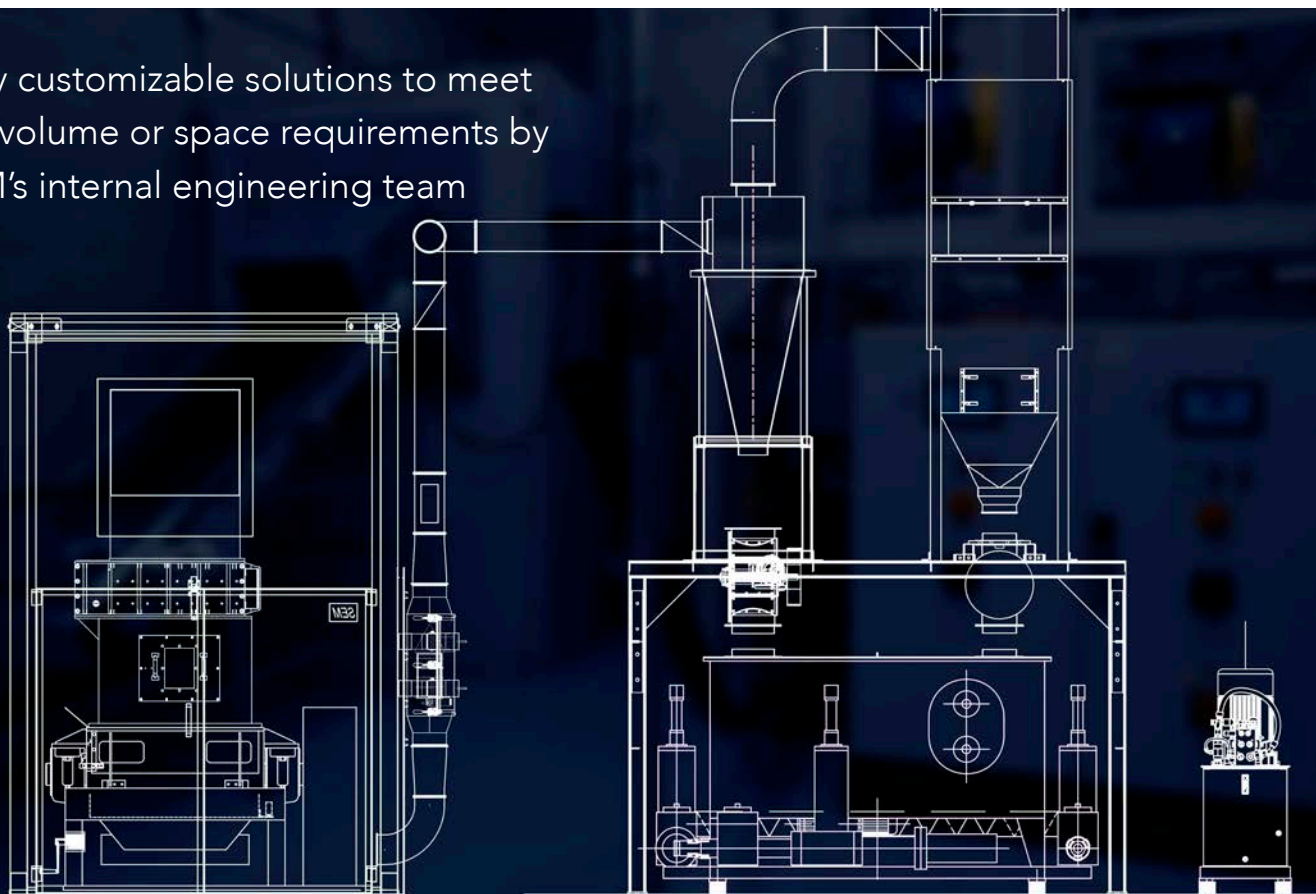
All SEM disintegrators are on the NSA EPL for paper, key tape, and CDs. In addition, they are available with final particle sizes ranging from 2mm to 25mm depending on screen size, use 3-phase electrical, and are fully customizable with a variety of options including horsepower, waste evacuation systems, sound enclosures, and enhanced user interfaces. SEM's dual stage disintegrators (3000 and 1400 series) are ideal for bulk destruction.

	1012/5	23	3000 (Dual Stage)	1400 Series
NSA Listed:	Yes	Yes	Yes	Yes
NSA Evaluated Throughput Capacity:	500 lbs. per hour	900 lbs. per hour	1,200 lbs. per hour	2,400 lbs. per hour
Maximum Throughput Capacity:	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:	Also ideal for CAC ID and dog tag destruction applications	Also ideal for CAC ID and dog tag destruction applications	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



DS 1436

Fully customizable solutions to meet any volume or space requirements by SEM's internal engineering team





Model 1012/5VKE



All SEM disintegrators are listed on the NSA/CSS EPL and are NIST 800-88 compliant for the destruction of classified, top secret, COMSEC, SCI, and CUI.



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Disintegrator Value Kits with Enclosure

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 XL Knives that provide 25% more wear than traditional knives. The Model 2VKE is ideal for low volume office environments; Model 1012/5VKE for medium volume, centralized destruction; and Model 23/5VKE for very high volume applications.

All SEM Disintegrator VKEs include the following:

- Hour meter and key lock
- Push button controls
- Visual load sensor
- Dual bag waste collection
- Bottomless high efficiency filter kit
- Machine sound dampening
- Customized STC rated sound enclosure for high performance sound, odor, and dust mitigation
- Spare XL Knives and waste collection bags
- Integrated easy-to-use operator control center
- Disintegrator maintenance kit
- Enclosure lighting




Model 2VKE

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.

Unique 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	115V—60Hz or 220V—50Hz	115V—60Hz or 220V—50Hz	115V—60Hz or 220V—50Hz
NSN:	7490-01-664-8153 (115V) 7490-016-946-960 (220V)	7490-01-395-3263	7490-01-461-6119 (115V) 7490-016-946-959 (220V)	7490-01-664-9499 (115V) 7490-016-947-764 (220V)
Gov. Price/Comm. Price:	\$3,557 / \$3,984	\$5,323 / \$5,962	\$5,895 / \$6,603	\$5,718 / \$6,405



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 — a truly green solution, and unique to SEM
- ▲ Fully replaceable cutting heads extend the life of the 1201CC, lowering total cost of ownership and providing superior shredding for years to come
- ▲ Touch pad controls, all metal cabinet, and whisper quiet operation provide for operator comfort and ease of use — ideal for office environments



Model 344



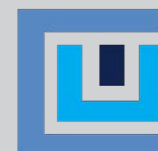
Shred paper to a 0.8mm x 2.5mm final particle, the world's smallest particle size listed by the NSA for paper destruction — only from SEM

SEM Classics:

	1324C/3	1324C/3W0	2226CC/3	2226CC/3W0	244/4
NSA Listed:	Yes	Yes	Yes	Yes	Yes
Particle Size:	0.8mm x 5mm	0.8mm x 5mm	0.8mm x 5mm	0.8mm x 5mm	0.8mm x 5mm
Sheet Capacity/Pass:	Up to 5	Up to 5	Up to 11	Up to 11	Up to 13
NSA 1-Hour Rating:	5 reams/3 sheets	5 reams/3 sheets	15 reams/6 sheets	15 reams/6 sheets	17 reams/8 sheets
Feed Opening:	9.5"	9.5"	10.25"	10.25"	10.25"
Auto Oiler:	—	Yes	—	Yes	Yes
Dimensions (HXWxD):	27"x15.5"x11.5"	34"x20.75"x19.75"	36.5"x19.5"x18.5"	36.5"x19.5"x18.5"	36.5"x19.5"x18.5"
Weight:	48.5 lbs.	48.5 lbs.	106 lbs.	106 lbs.	106 lbs.
Bin Capacity:	9 gallon	20 gallon	28 gallon	28 gallon	28 gallon
Electrical:	115V—60Hz or 220V—50Hz				
NSN:	7490-016-947-762 (115V) 7490-016-947-761 (220V)	7490-016-946-504 (115V) 7490-016-946-505 (220V)	7490-016-946-015 (220V)	7490-01-481-0399 (115V) 490-016-946-014 (220V)	7490-01-504-5605 (115V) 7490-016-946-017 (220V)
Gov. Price/Comm. Price:	\$1,208 / \$1,353	\$1,571 / \$1,760	\$2,255 / \$2,525	\$2,611 / \$2,924	\$2,744 / \$3,073



All devices on pages 12 & 13 are listed on the NSA/CSS EPL and are NIST 800-88 compliant, meeting the requirements for the destruction of classified, top secret, COMSEC, SCI, and CUI.



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Mixed Media Disintegrators

SEM's mixed media 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	Yes — CDs, Paper, Key Tape	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	Optical media, paper, small eMedia	Optical media, paper, small eMedia
Final Particle Sizes:	2mm-9mm, depending on screen size	2mm-9mm, depending on screen size	2mm-9mm, depending on screen size
Dimensions (HXWxD):	59" x 51" x 25"	59" x 51" x 25"	65" x 51" x 25"
Waste Collection:	35 gallon vacuum	35 gallon vacuum	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 / Comm. Price:	\$9,300 / \$10,416	\$11,976 / \$13,413	\$16,317 / \$18,275

Model 200



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. Our in-house engineering staff can design the ideal solution to meet any application.



SEM Briquetting Solutions — Recyclers typically do not accept shredded paper due to its bulk, so SEM introduced a line of eco-friendly briquetting systems. From small batch systems to room-size, totally automated processes, SEM briquetters reduce large volumes of loose waste into small, manageable briquettes. Any SEM disintegrator (new or retrofit) can be paired with a briquetting system to provide the ultimate waste reduction solution.

NEW! 0205 Series SSD Crushers

The SEM Model 0205 Series includes two revolutionary mobile crushing devices designed specifically for solid state media. The MICRO accepts a wide variety of SSDs, cell phones, small tablets, thumb drives, RAM, IronKeys, and PC boards, while the NANO accepts the smallest solid state devices including Compact Flash Type I, SD Cards, SOIC-8, PLCC-32, SOIC-16, and TSOP48.

- ▲ Solid steel rotary crushers
- ▲ Durable metal cabinet
- ▲ Casters for portability
- ▲ Touch screen LCD interface
- ▲ Dual voltage
- ▲ TAA compliant
- ▲ MICRO \$13,895 | NANO \$17,495
- ▲ **Learn more at semshred.com**



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

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Cage Code Number 29810
Federal ID Number 04-2425508
DUNS Number 00-595-7329

National Stock Numbers (NSNs)

Numerous SEM products have National Stock Numbers (NSNs), making procurement simple and efficient. In addition to the NSNs listed within this catalog, SEM has NSNs for hard drive shredders, unclassified paper shredders, and shredder oil. Contact SEM Customer Care or visit **www.semshred.com/nsn** for more info.



SEM GSA MAS Contracts

Paper Shredders, Disintegrators, Parts, and Accessories:

Schedule 75 Contract #GS-02F-0111P, Exp. 03/31/2024; SINS 339940 & 339940SVC

Information Technology:

Schedule 70 Contract #GS-35F-005AA, Exp. 10/10/2022; SINS 3341, 1811212 & OLM

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

Prices and specifications subject to change without notice.

