

# High Security Information End-Of-Life Solutions

Security | Compliance | Safety | Durability



## Compliant Solutions for Security-Centric Organizations

Federal Government | State & Local  
Data Centers | Healthcare | Education  
Professional & Financial Services  
Payment Card Industry | Banking  
Security Printing | Casinos



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

# The World of SEM



## In-House Engineering, Design, and Manufacturing



Using state-of-the-art CAD systems, our engineering team works with clients in myriad industries — from the DoD and Intelligence Community to hyperscale data centers and Fortune 500 companies — to create and implement solutions to fit their needs. Our design team creates out-of-box solutions for sanitization of sensitive information found on all types of media, and our system integration team works with building contractors and architects to create centralized design/build, fully integrated destruction systems.

Our facility is equipped with precision factory automation equipment where we cut, mill, turn, and grind steel used in our products. 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, and our in-house manufacturing capabilities allow us to react quickly to customer demands. All SEM degaussers, crushers, disintegrators, and hard drive shredders are proudly made in the USA.



# A History of Innovation

Since 1967, 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 in 1968 to SEM devices becoming the standard for every U.S. Embassy in 1976 to the most successful line of electronic media crushers and shredders today, SEM enjoys a reputation for innovation earned from a firm commitment to quality, engineering, design, and product manufacturing.

Visit [www.semshred.com](http://www.semshred.com) to learn more.

◀ SEM's EMP1000-HS is an NSA listed degausser approved for the sanitization of classified and sensitive magnetic media such as hard disk drives (HDDs) and tapes. Features a fast 25 second cycle, auto verification, and integration with media tracking software.



# Global Service Providers

SEM not only designs and manufactures the industry's premier data destruction devices, we also pride ourselves on our level of service. 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 U.S. Top Secret and are deployed globally to provide consulting, evaluation, installation, and maintenance.



- ◀ SEM's 0305 Enterprise Hard Drive Shredder destroys both HDDs and SSDs in one rugged device. With dual feed chutes, dual solid steel cutting heads, premium sound mitigation, and integrated waste conveyor systems, the 0305 is the shredder of choice for larger data centers and production environments. Also destroys tapes, license plates, cell phones, tablets, and other tough media. Includes HEPA filtration for ultimate environmental and operator health and safety. ▼



# A Trusted Partner

The SEM name has become synonymous with high security data destruction, and SEM continues to lead the industry through innovation, superior product performance, operational excellence, and unsurpassed service and support. As a result, SEM has become a trusted partner to the world's most security-centric organizations, including hyperscale data centers, the U.S. Intelligence Community and DoD, healthcare facilities, educational and research institutes, software companies, security printers, the payment card industry, and casinos.



U.S. Department  
of Veterans Affairs



## Data Center Solutions

SEM devices can be found in the world's leading data centers to provide state-of-the-art, on-site destruction solutions for the protection of even the most sensitive data. Regardless of media — from multiple-plated solid steel or glass HDDs to the tiniest solid state chips and everything in between — SEM has solutions to efficiently destroy data to meet even the most stringent regulatory requirements.

- ◀ SEM's 0205MICRO destroys solid state drives and devices, ensuring no chip is left undamaged and no data left behind.

SEM's 0205NANO destroys the world's smallest microchips — a SEM exclusive. ▶



- ◀ SEM's NIST 800-88 compliant 0101 automatic hard drive crusher is an efficient, affordable solution for the destruction of low volumes of HDDs and SSDs.



## Data Center Series

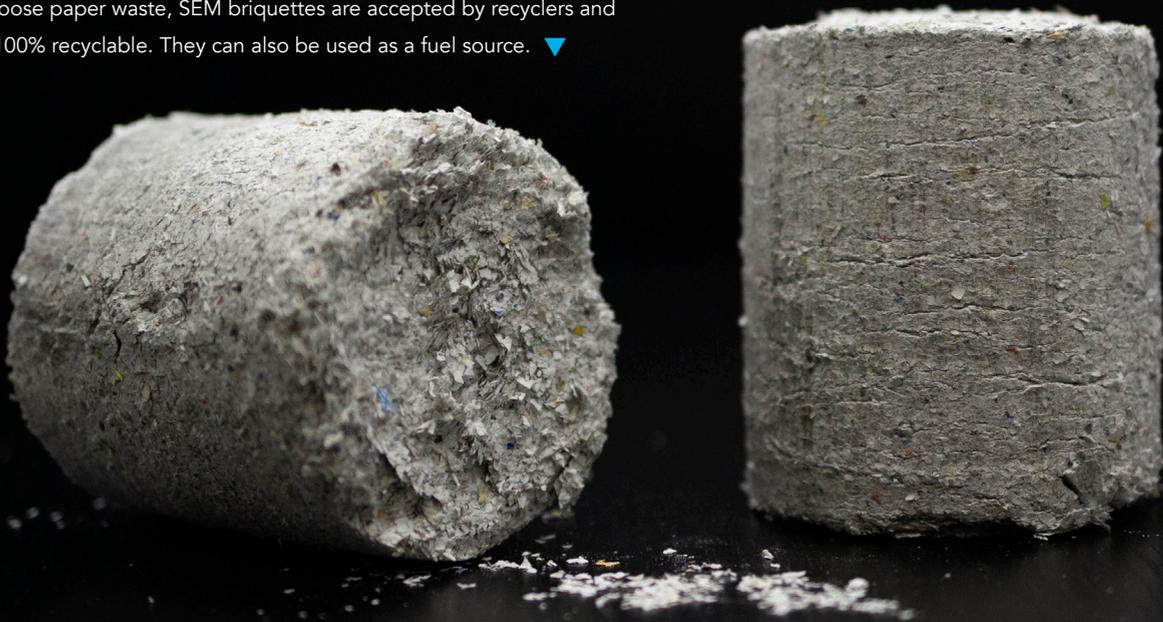
In response to the growing demand for data center specific destruction, SEM launched the Data Center Series of hard drive shredders including the DC-S1-3 shown here. Featuring solid steel cutting heads, 3-phase power, a 3HP motor, and high torque, the DC-S1-3 combo hard drive shredder easily destroys even the most robust enterprise HDDs and SSDs in one efficient unit. In addition, the DC-S1-3 features a small footprint to maximize data center floor space, premium sound mitigation material in cabinet, and HEPA filtration for ultimate environmental and operator health and safety. CE option available.

# Eco-Conscious Paper Solutions

Founded in 1967 as a government solutions provider for the destruction of end-of-life classified information found on paper, SEM has adapted throughout the years to meet the ever changing needs of information security, and paper destruction is still a significant focus of SEM's innovation efforts.

Whether financial or health records, currency, personally identifiable information (PII), or national secrets, SEM devices still today securely destroy sensitive information found on paper — but now do it with the environment as a priority. SEM's green solutions include zero landfill briquetting systems and energy efficient technologies, providing LEED points and peace of mind for centralized paper and currency destruction facilities.

SEM briquetting solutions compress paper waste by 90%. Unlike loose paper waste, SEM briquettes are accepted by recyclers and 100% recyclable. They can also be used as a fuel source. ▼



# Paper Destruction Today

While the world moves toward a digital future, there is still a tremendous amount of sensitive data on paper, particularly in the realms of business, healthcare, education, and professional services. In the government sector, paper destruction requirements have tightened in recent years, and the current requirement for nearly all paper documents with any type of sensitive or PII is a 1mmx5mm particle (P-7, shown below).



The future-forward SEM 344 paper shredder boasts the world's smallest particle size, 0.8mmx2.5mm, an exclusive to SEM.



The SEM 1201CC high security paper shredder is an eco-friendly and cost-effective solution for destruction of sensitive paper documents. This whisper quiet device requires no oil for operation and has replaceable cutting heads, lowering total cost of ownership. Like all other SEM high security paper shredders, the 1201CC has been evaluated and listed by the NSA and is NIST 800-88 compliant, making it the ideal device for eco-conscious, security-centric organizations.



# Destruction Solutions for Any Industry

SEM works with all types of industry to provide information end-of-life solutions for specific needs and regulatory requirements. In addition to paper and IT media, SEM devices are currently used to destroy numerous other types of sensitive media requiring protection and therefore destruction at end-of-life, some of which are featured below. For comprehensive information, visit us at [www.semshred.com](http://www.semshred.com).



A SEM clean and eco-friendly centralized paper destruction solution with briquettor in a secure room at an FBI facility. ▼

## Media Destroyed

- HDDs and SSDs
- Thumb Drives and Memory Sticks
- RFID Chips
- CDs, DVDs, and Blu-ray Discs
- Data Tapes
- Tablets and Cell Phones
- Paper
- Currency
- Printer's Plates and Tipping Foil
- Film and X-Rays
- License Plates
- Medical Devices
- Plastic and Metal Credit and ID Cards
- Casino Chips, Dice, and Playing Cards
- Off Spec Cannabis



## Industries Served

- Data Centers
- Security Printing
- Payment Card Industry
- Financial Services
- Education and Research Institutes
- Healthcare
- Medical Device
- Professional Services
- Private and Government Banking
- Casinos and Gaming
- Federal Government Agencies

# Future-Forward Innovation and Compliance

SEM has remained the industry leader by staying ahead of emerging technologies and new data storage media, as well as engineering custom solutions for specific client requests. In addition, SEM manufactures devices that comply with even the most stringent regulatory requirements, including having numerous devices on the NSA/CSS Evaluated Products Lists as approved solutions for the destruction of government top secret and classified information. SEM devices also comply with NIST 800-88, HIPAA, FACTA, FISMA, GDPR, PCI DSS, Intergraf, PIPEDA, and all U.S. state and industry-specific end-of-life data security requirements.



**FACTA**  
Federal Automated Credit Transactions Act



**NIST** *i-SIGMA*<sup>™</sup>





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

**508.366.1488 | [www.semshred.com](http://www.semshred.com)**