

CURRENCY DESTRUCTION SYSTEMS

The SEM Model 22HDS-C is designed to destroy 1,000 note bundles in central banks and their branches

Security Engineered currency destruction systems are in use throughout the United States Federal Reserve System, and by central banks in Europe, the Americas and the Pacific Rim.

Because banknotes are typically packaged in 1,000 note bundles, they can't be destroyed by conventional shredding systems. Prior to the introduction of the SEM Model 22HDS-C, large and expensive shredder/disintegrators were required to destroy these brick-like bundles. Central banks and their branches were faced with the dilemma of buying expensive, oversized systems or the expense and security risks inherent in returning worn banknotes to their headquarters.

The SEM Model 22HDS-C offers an economical and cost-effective alternative.

It was designed specifically for destroying bundled currency. A pre-programmed conveyor feeds four 1,000 note bundles into the disintegrator each minute. The conveyor is programmed to provide an optimum feed rate ensuring smooth operation. Incorrectly placed bundles activate a photo-sensor stopping the conveyor to prevent a jam. Once the bundles reach the destruction chamber, knives cut them apart and slice through the bills at a rate of 3,600 cuts per minute until each piece is small enough to fall through the holes in the security screen. The destroyed notes are then pneumatically conveyed into two large

barrels for easy, clean removal. Exhaust air flows through a multi-bag filter.

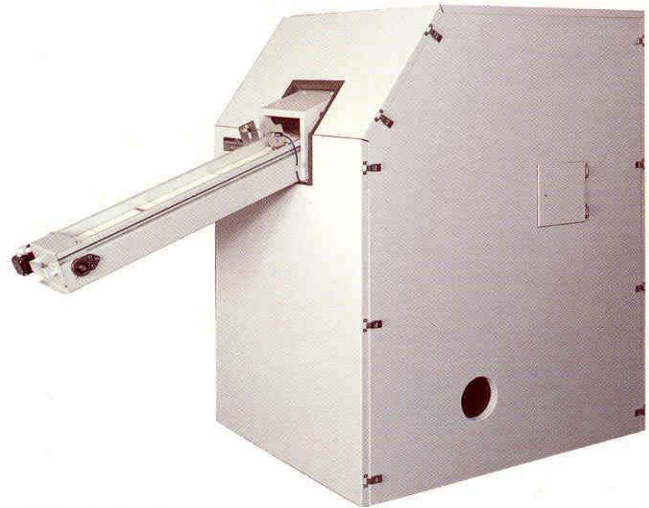
The SEM Model 22HDS-C is environmentally friendly. This proven, field-tested design with its exclusive "slanted" scissor-like cutting knives minimizes shock and stress, reducing horsepower requirements and power consumption.



Worldwide Sales, Service and Support

The Security Engineered Model 22HDS-C currency destruction system is built by an industry leader with over 25 years of experience in providing banks, security, defense and government agencies; and commercial and industrial clients throughout the world with a complete product line ranging from personal shredders to high-volume institutional disintegrators. SEM's currency destruction system can be customized to meet local requirements.

Worldwide Sales, Service, and Support are available. SEM systems are maintained by factory trained, qualified representatives. And our customer service department is ready to answer any questions you may have regarding use or maintenance and assist you with the installation of your system. Manuals and videos are provided for complete training.



Sound Enclosure

Specifications


Particle size	2.5 x 2.5 mm to 12 x 12 mm
Average throughput (varies according to screen size)	Four 1,000 note bundles per minute (500 lbs or 227 kg per hour)
Horsepower	25
Power	Voltage as required, 50 or 60 Hz as required
Weight	2,800 lbs or 1,273 kg
Standard features	Pre-programmed conveyor system with photosensor Sound enclosure Waste collector with dust filter Auto feed rate controller with load meter for performance monitoring Vibration isolating spring mounts



Pneumatic waste collector with dust filter



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 Printed in USA on recycled paper.