

Allegheny Hard Drive/E-Scrap Shredders

FOR RELIABLE, SECURE DESTRUCTION OF HARD DRIVES AND ELECTRONIC STORAGE DEVICES

"I can't say enough about our Allegheny Hard Drive/E-Scrap Shredder. We can shred 1500 drives in half a day in my mobile truck! The shredder has paid for itself tenfold, and I'm expanding to in-house destruction next year."

TIM EARLEY
Advantage E-cycling

ALLEGHENY'S rugged, high-capacity hard drive/e-scrap shredders meet the growing need for destruction of computer hard drives, optical media, and other electronic storage devices (cell phones, handheld devices, laptop computers, etc.). The **Allegheny Hard Drive/E-Scrap Shredders** offer reliable, cost-effective destruction of obsolete electronic materials that pose a threat to data security and tax our landfills.

Physical destruction is the most effective and desirable solution for unwanted or obsolete data-bearing media. Shredding offers maximum protection, eliminating any possibility of reconstruction or retrieval. Allegheny offers three separate horsepower models, a 3 Hp, 7½ Hp and a 20 Hp model.

Our compact, affordable 3 Hp Model 5HD3, with a 5" cutting assembly, can destroy 12-15 hard drives per minute—up to 600 standard drives per hour. The 7½ Hp model, featuring either an 8" or 12" cutting assembly, accepts most standard hard drives (25-35 per minute). The 12" version accepts most laptop computers (without batteries). Allegheny's heavy-duty 20 Hp model, with twice the torque of the 7½ Hp model, is designed for high volume applications. The 12" cutting assembly shreds 35-45 hard drives per minute, as well as laptop computers and electronic storage devices. All models operate with minimal noise and vibration.



BUILT TO LAST

Allegheny Hard Drive/E-Scrap Shredders are designed, engineered and manufactured to be the most rugged, reliable and long-lasting in the industry. Key features include: computer-aided design (CAD) and computer-aided manufacturing (CAM) to guarantee precision and maximum shredding power; all-steel spur/drive gears for high torque and heavy loads; a powerful Lincoln motor; and Dodge-Reliance gear reducers that run in oil for quiet, trouble-free operation.

Our hard drive/e-scrap shredders are ideal for e-scrap recyclers, data centers, and records & information management centers that need to destroy sensitive data-bearing media.



*Allegheny Model 5HD3
Hard Drive/E-Scrap Shredder*

Anatomy of an Allegheny Hard Drive/E-Scrap Shredders

Standard features that make the Allegheny Hard Drive/E-Scrap Shredder the most reliable in the industry

Angled 5", 8" or 12" wide in-feed chutes provide ease in feeding.

All-steel spur/drive gears are carburized and case-hardened – designed to withstand high torque and heavy loads.

Individual, 1½" wide, precision-ground sawtooth hooked cutters easily shred computer hard drives, optical media, and electronic devices such as cell phones, handheld devices, laptop computers (without batteries), etc. into unusable and unidentifiable pieces.

Convenient feed shelf holds materials prior to shredding.

Current-sensing relay stops machine in the event of a jam. Reversing starter allows operator to clear jam in seconds.

Powerful Lincoln motor handles the heavy loads required for efficient high volume shredding.

Shredder is available with an optional output conveyor for transfer of shredded material into a dumpster or other container.

Dodge-Reliance shaft-mounted gear reducer is completely sealed and runs in oil for quiet, trouble-free operation. No lubrication or adjustments are required.

Key-locked low-voltage control panel ensures safe operation by authorized operators only.

International symbol-coded safety labels are affixed to the machine to ensure safety awareness.

Centralized lubrication system offers easy maintenance of spur/drive gears and roller bearings.

Allegheny shredders are designed and engineered for ease in maintenance and servicing. This ensures lasting performance with minimum downtime.

Equipment is mounted on casters for easy, smooth mobility.



Machine shown with covers removed.

MODEL	5HD3	8HD7.5	12HD7.5	12HD20
Motor	3 HP TEFC	7½ Hp TEFC	7½ Hp TEFC	20 Hp TEFC
Capacity (per minute)	12-15 hard drives*	25-35 hard drives*	30-35 hard drives**	35-45 hard drives**
Capacity (per hour)	Up to 600 standard* drives Up to 300 server drives	Up to 1500 standard* drives Model Up to 750 server drives	Up to 2,400 standard* drives fed two at a time. Up to 1,200 server drives	Up to 3,500 standard* drives fed two at a time. Up to 1,750 server drives
Input Speed (per minute)	23' / 7m	42' / 12.8 m	42' / 12.8 m	65' / 19.8 m
Feed Opening (WxH)	5" x 1¼" 127 mm x 44.5 mm	8" x 2" 203 mm x 51 mm	12" x 2" 305 mm x 51 mm	12" x 2" 305 mm x 51 mm
Cutting Assembly (width)	5" / 127 mm	8" / 203 mm	12" / 305 mm	12" / 305 mm
Cutting Assembly (clearance)	1¼" / 31.75 mm	1½" / 38 mm	1½" / 38 mm	2" / 51 mm
Cutters (diameter)	6½" / 165 mm - hooked Precision-ground sawtooth cutters, made from tool steel, heat-treated to optimum Rockwell hardness.	9" / 229 mm - hooked	9" / 229 mm - hooked	10½" / 267 mm - skiptooth
Shred Width	1½" / 38 mm	1½" / 38 mm	1½" / 38 mm	1½" / 38 mm (other shred widths available)
Decibel Rating (approx.)	68 dBL	70 dBL	70 dBL	75 dBL
Voltage	208/230 Volt AC, 1-phase, 60 cycle (Model 5HD3 only) / 208/230/460 Volt AC, 3-phase, 60 cycle			
Dimensions (WxLxH)	33" x 33" x 55" 84 cm x 84 cm x 140 cm	42" x 41" x 56" 107 cm x 104 cm x 142 cm	42" x 45" x 56" 107 cm x 114 cm x 142 cm	48" x 55" x 68" 122 cm x 140 cm x 173 cm
Weight (approx.)	1200 lbs / 544 kg	2250 lbs / 1021 kg	2500 lbs / 1134 kg	4,200 lbs / 1905 kg

* Standard drives up to 1" (25 mm) thick and most server drives.

** In addition to accepting standard and server drives, all 12" models accept laptop computers (without batteries).

As we constantly improve our products, specifications are subject to change.



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GIVE US A CALL

To learn more about how Allegheny can provide a total solution for your security, recycling, and waste reduction needs, please call us. We offer the widest range of information destruction equipment available in the industry—from office paper shredders to high capacity shredding systems that can destroy up to 25 tons of paper per hour.

If you would like information about our superior equipment, please refer to the separate brochures on our **J-Series Office Paper Shredders, 16-Series Shredders, 100-Series Shredders, 1000-Series Shredders, Security Grinders, Product & E-Scrap Shredders or Allegheny Horizontal Balers.**