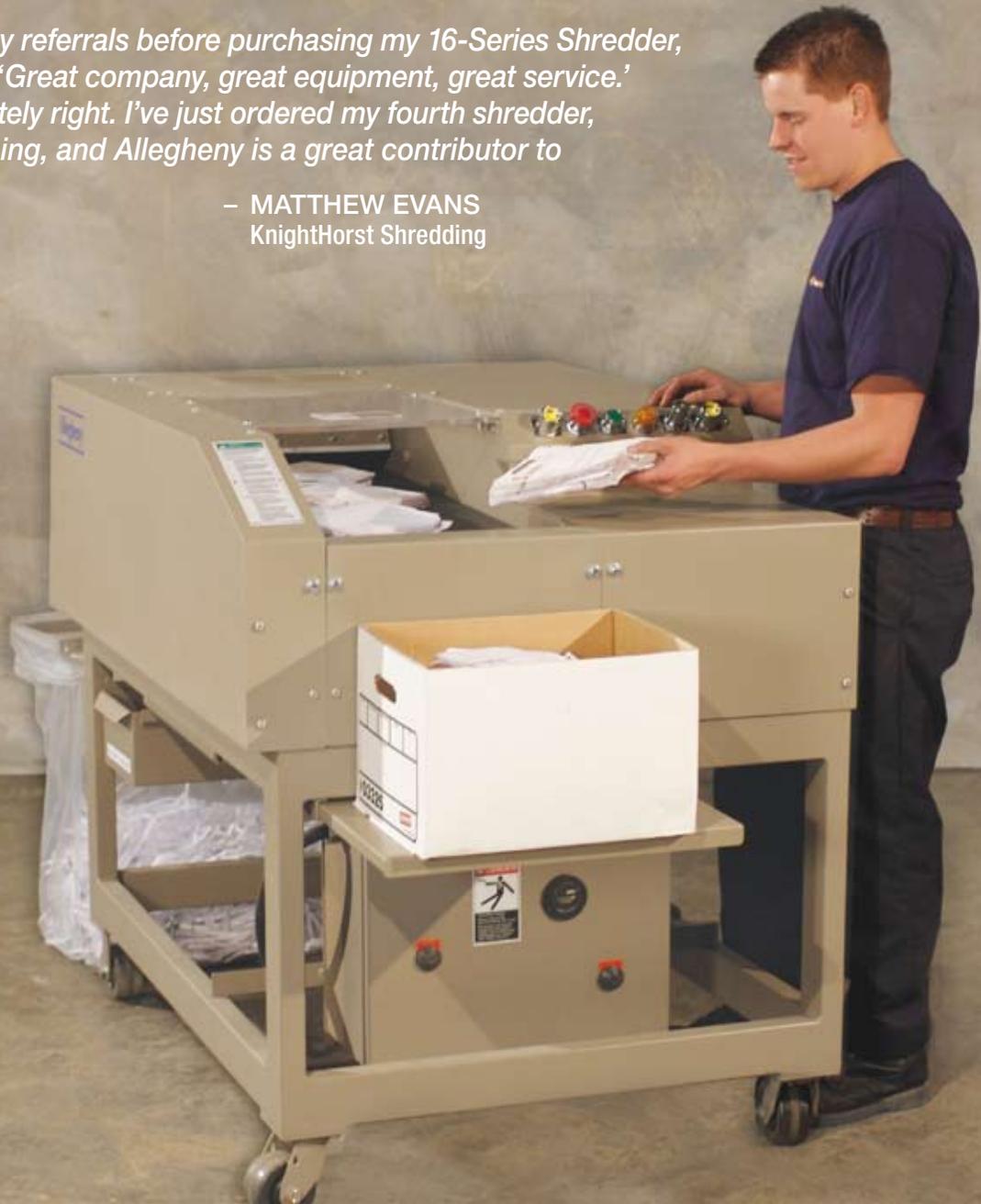


Allegheny 16-Series Shredders

CAPACITY: FROM 750 LBS UP TO 1200 LBS PER HOUR – DESIGNED FOR 1 OPERATOR

“I contacted twenty referrals before purchasing my 16-Series Shredder, and they all said, ‘Great company, great equipment, great service.’ They were absolutely right. I’ve just ordered my fourth shredder, business is booming, and Allegheny is a great contributor to my success.”

– MATTHEW EVANS
KnightHorst Shredding



ALLEGHENY 16-SERIES SHREDDERS provide versatile shredding power in a rugged, compact machine. Designed for use by a single operator, these shredders are powerful yet remarkably quiet. They offer high capacity shredding to ensure secure destruction of your confidential materials, while maintaining the proven reliability found in all Allegheny equipment. The 16-Series Shredders are ideal for organizations that have outgrown

their office paper shredder.

The Allegheny 16-Series comprises two different models: **Model 16-75C** and **Model 16-150C**. To meet your specific needs, we offer two different horsepower motors for each model.

The 16" wide input conveyor and powerful 5" diameter crusher paddle allow these machines to destroy a range of confidential materials, including wastebasket contents, thick reports, computer

printouts, multiple sheets of microfiche, audio/video cassettes, CDs and DVDs.

Everything fed into an Allegheny shredder, from thick stacks of computer printouts to a single check, is rendered unreadable. Allegheny 16-Series Shredders are ideal for centralized shredding in banks, hospitals, and organizations that have limited space yet need to destroy a large volume of confidential material.

Versatile, Powerful, Durable

When you need to shred high volumes of confidential material, the last thing you want is expensive downtime. That's why Allegheny's conveyor-fed shredders are designed, engineered, and manufactured to be the most reliable in the industry.

BUILT TO LAST

Allegheny 16-Series Shredders are built for continuous use, with shredding capacities ranging from 750 lbs up to 1200 lbs of paper per hour.

Computer-aided design and manufacturing

Allegheny 16-Series Shredders are designed using state-of-the-art computer-aided design (CAD) equipment. We also use computer-aided manufacturing (CAM) equipment — including computer-controlled lathes, turret punches, mill-



ing machines, press brakes, and laser cutting machines — to ensure precision and long life for all components.

Unique cutting assembly

The cutting assembly on all Allegheny 16-Series Shredders is made of individual solid steel cutters and combers. Compared with other types of cutting heads, this unique Allegheny design reduces build-up of shredded material and offers greater resistance to damage and wear.

Unique to the 16-Series cutter design is a double inverted key. This provides greater cutting assembly clearance, allowing you to shred thicker stacks of paper.

It also distributes power (torque) evenly from the drive train to the cutters, ensuring maximum life for the entire assembly.

The self-sharpening cutters are precision-ground from A-2 tool steel and heat-treated to optimum Rockwell hardness for lasting durability. Optional on all Allegheny conveyor-fed shredders are cutters made of our highest impact-resistant T-18 tool steel. Designed and milled only for Allegheny, this special steel withstands the heaviest shock loads and the most abusive applications, essentially eliminating cutter breakage.



These virtually indestructible cutters can shred stacks of paper and plastic materials such as microfiche, credit cards, computer disks, and audio/video cassettes. Although not recommended, the rugged T-18 cutters can even shred foreign objects such as small steel wrenches and bolts.

Heavy-duty drive train

In our 16-Series Shredders, Allegheny uses Dodge-Reliance shaft-mounted gear reducers — the most reliable in the industry. All shafts are made of stress-relieved, high alloy, heat-treated steel. In addition, the spur/drive gears in all Allegheny shredders are carburized for resistance to wear and shock loads.

The entire drive train, in fact, is far heavier than required for the job. As a result, it provides years of trouble-free operation even under the most demanding conditions.

All-steel construction

All covers, frames, base assemblies, spur/drive gears, shafts, cutters, combers,

end plates, etc., are manufactured using only the highest quality American-made steel.

Skilled craftsmen

Each Allegheny shredder is built by a team of trained craftsmen who take great pride in their work. Their attention to detail and dedication to excellence have been instrumental in earning Allegheny its worldwide reputation for quality equipment.



UNIQUE SAFETY FEATURES

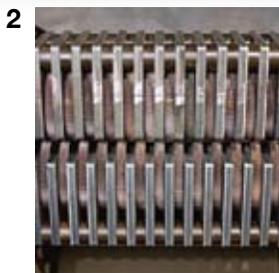
Safety is an integral part of the design of every Allegheny shredder. All conveyor-fed models are equipped with fixed safety shields, low-voltage control panels, and two-position stop buttons. International symbol-coded safety labels plus comprehensive user manuals and maintenance schedules ensure safe and reliable operation.

OPTIONAL EQUIPMENT TO MAXIMIZE PRODUCTIVITY

Allegheny provides optional equipment to enhance the productivity of your 16-Series Shredder. This includes Extended Feed Tables, Tippers, Output Conveyors, and Horizontal Balers. Please see the back page of this brochure for more information.

STRONGEST WARRANTY IN THE INDUSTRY

Allegheny 16-Series Shredders and all optional equipment are backed by a **1-year warranty on all parts and labor**. Plus, our unprecedented **10-year guaranteed trade-in policy** will save you money in upgrading to a new or larger model.



- 1 The 16" wide input conveyor and 5" diameter steel crusher paddle allow you to shred crumpled papers, corrugated boxes, beverage containers, and other wastebasket contents without having to flatten or sort them.
- 2 Durable, self-sharpening sawtooth cutters are made of A-2 tool steel or Allegheny's optional highest impact-resistant T-18 tool steel. The cutters easily shred stacks of documents, microfiche, computer disks, and even three-ring binders full of paper!
- 3 Driven by a powerful Leeson motor and Dodge-Reliance shaft-mounted gear reducer, the 16-Series drive train performs under the heaviest loads.



Anatomy of an Allegheny 16-Series Shredder

Standard features that make the 16-Series the most reliable in the industry

Allegheny's virtually indestructible T-18 tool steel cutters (optional on all models) withstand the heaviest shock loads and the most abusive applications.

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

All 16-Series Shredders are equipped with a unique two-position stop button to ensure operator safety.

Convenient pull-out shelf holds materials prior to shredding. Optional extended feed table is available.

Allegheny takes pride in the ergonomic design of its paper shredders and complete shredding systems —maximizing safety, comfort, and convenience for operators.

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

16" wide input conveyor and 5" diameter steel crusher paddle allow you to shred wastebasket contents.

All-steel construction provides ruggedness and durability.

Optional output conveyor is available.

All-steel spur/drive gears are designed for high torque and heavy loads.

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

Model 16-150C is equipped with an outboard bearing. This provides stability of the cutter shaft and shaft-mounted gear reducer.

Sealed ball bearings on all rotating shafts require no maintenance.

Model 16-150C includes centralized lubrication system for easy maintenance of spur/drive gears, roller bearings, and outboard bearing.

Powerful Lincoln motor can handle the heavy loads required for efficient paper shredding.

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

Reversing starter and all other electrical controls are by Cutler-Hammer, known worldwide for exceptional quality and reliability.



Machine shown with covers removed.

Model 16-150C is equipped with a current-sensing relay that automatically stops the machine in the event of a jam. As on all Allegheny models, the reversing starter allows the operator to clear a jam in seconds.

MODEL	16-75C		16-150C	
MOTOR	3 Hp	5 Hp	7½ Hp	10 Hp
Capacity*	65-75	95-105	140-150	150-160
Input Speed (feet / meters per minute)	61 / 19	64 / 20	49 / 15	66 / 20
Feed Opening (width)	16" / 406 mm	16" / 406 mm	16" / 406 mm	16" / 406 mm
Cutting Assembly (width)	16" / 406 mm	16" / 406 mm	16" / 406 mm	16" / 406 mm
Cutting Assembly (clearance)	1/2" / 12.7 mm	1/2" / 12.7 mm	1/2" / 12.7 mm	1/2" / 12.7 mm
Cutters	4.25" diameter; sawtooth; precision-ground from A-2 tool steel or Allegheny's highest impact-resistant T-18 tool steel (optional on all models), heat-treated to optimum Rockwell hardness.			
Shred Width (other shred widths available)	5/16" / 7.9 mm	5/16" / 7.9 mm	1/2" / 12.7 mm	1/2" / 12.7 mm
Crusher Paddle (diameter)	5" / 127 mm	5" / 127 mm	5" / 127 mm	5" / 127 mm
Decibel Rating	63 dBA	63 dBA	65 dBA	65 dBA
Voltage	208 / 230 / 460 Volt AC, 3-phase, 60 cycle (other voltages are available)			
Dimensions (W x L x H)	37" x 58" x 44" (Length 70" with detachable bagholder) 940 mm x 1473 mm x 1117 mm (Length 1778 mm with detachable bagholder)			
Weight (machine/shipping)	1000 / 1190 lbs 454 / 450 kg	1100 / 1450 lbs 499 / 658 kg	1135 / 1485 lbs 515 / 674 kg	1150 / 1500 lbs 522 / 681 kg

*Total sheets of 20 lb bond paper that can be shredded per pass. Actual capacity depends on available power supply.

As we constantly improve our products, specifications are subject to change without notice.

Allegheny 16-Series Complete Shredding Systems

Allegheny offers optional equipment to provide easier disposal of your shredded materials and enable you to turn your waste paper into recycling dollars. We can even custom design a complete shredding system to maximize your shredder's productivity and reduce your labor costs.

We'll help you determine the most efficient way to collect materials for shredding, process materials through the shredder, and recycle the shredded paper for a profit.

Allegheny will also help you design the physical layout of your system to make the most efficient use of available space and personnel. Using computer-aided design technology, we can provide you with a detailed diagram showing the most efficient layout of your shredding system within your facility.



Extended Feed Tables

Allegheny offers an optional feed table for all 16-Series Shredders, allowing easy sorting of wastebasket contents prior to shredding. Allegheny Extended Feed Tables are manufactured from 14-gauge steel to provide a rigid, durable working space.



Tipplers

Used with a loading cart or security container, the Allegheny 880 Tipper offers an efficient way to load material onto your shredder's input conveyor. This increases throughput of material to be shredded and minimizes operator fatigue and strain.



Output Conveyors

For transporting shredded materials into a baler, compactor, dumpster, or other receptacle, all 16-Series Shredders can be equipped with a standard bolt-on output conveyor, or we can build a conveyor to your specifications (either bolt-on or free-standing).



Horizontal Balers

Allegheny offers a complete line of heavy-duty horizontal closed-end balers to increase the efficiency of your disposal or recycling operations. These balers are equipped with electric-eye sensors for automatic

control of the baling ram. This allows your operators to continue shredding until it is time to tie off the bale. Bale weights range from 175 lbs to over 1,500 lbs.



Piggyback Systems

This unique Allegheny design utilizes a 16-Series Shredder mounted directly over the end of an Allegheny 2024-532 CE Horizontal Baler. This configuration allows a complete shredding and baling system to be installed in a limited space.



Mobile Shredding Systems

Supply us with a truck and we will install a complete turn-key shredding system, including shredder, diesel generator, optional output conveyor, and all necessary equipment and accessories. You'll have everything you need to drive off and launch a contract shredding service.

Establishing a Contract Shredding Service

Take advantage of Allegheny's more than 40 years of experience in the field of document security and destruction. We manufacture the highest quality shredding systems available and we can design a complete system for you. Call your Allegheny sales representative for our fact sheet *Ten Steps to Establishing a Successful Contract Shredding Service*. We also offer a free DVD, *Shredding for Profit*. Our experts will help guide you toward a successful future in this exciting growth industry.

Give Us a Call

To learn more about how Allegheny can provide a total solution for your security needs, please call us. We offer the widest range of superior shredders 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 shredders with different capacities than Allegheny's 16-Series Shredders, please refer to the separate brochures on our **J-Series Office Paper Shredders**, **100-Series Shredders**, **1000-Series Shredders**, **Security Grinders** or **Allegheny Horizontal Balers**.



Allegheny Shredders
THE SHREDDING INDUSTRY ICON SINCE 1967

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