

Confidential Documents

Shredding paper and cardboard products,
destroying electronic storage media and
eliminating fraudulent use of data.

www.ulstershredders.com



Efficient Processing & Waste Management

Waste management is now an integral part of every organisation's core activities. Our role is to help each customer handle their processing and shredding needs efficiently and cost effectively, whether it be plastic, metal, tyres, documents or other onsite shredding requirements.

With over thirty years experience behind us, and a global customer base that ranges from SMEs and office centres to large scale industrial plants, we have an unparalleled breadth of experience in the field of advanced industrial shredders. This means that we can design, deliver and install full turnkey shredding solutions to handle practically any product, in any environment, worldwide.

Our success is based on our ability to evaluate specific situations and then deliver precise solutions. Our aim is to help customers achieve measurable bottom line improvements: savings in manpower costs through reduced material handling reduced transportation costs from moving compacted material improved corporate security, particularly with document disposal new revenue streams from sale of shredded waste.

Ulster Shredders' state of the art engineering facility in Northern Ireland houses several complete shredding lines. These allow our engineers to perform throughput and consistency testing by conducting trials, tests and demonstrations of our customers' materials under real production conditions.



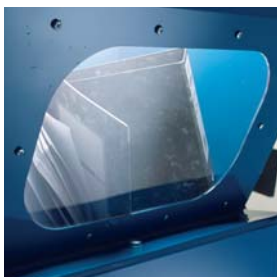
Shredding Confidential Documents

It seems that despite the advances of our e-digital age, hard copy printing of material continues unabated, and may indeed be on the increase. Combine this with the multitude of available storage methods for confidential material – hard drives, CDs, DVDs, Zip disks etc., and it's obvious that conventional methods of destroying confidential material are simply not up to the job.

Our shredders are the perfect choice for those who want complete peace of mind in knowing that their data has been rigorously destroyed. More than a paper shredder, they are designed to render paper and cardboard products completely invalid, and they can deal equally well with electronic storage media such as CDs, hard drives and other plastic items. This eliminates the opportunity for fraudulent use of data and saves and storage space.

Ulster Shredders are widely used by many organisations to reduce large volumes of confidential documents to a manageable format that can be disposed of or recycled.

Safety is paramount feature of all our products, and it is design engineered into each machine. This not only ensures that dust and noise are kept to a minimum, but that operator safety is maintained at all times.



U-15 Shredder

The high levels of torque from this robust 15KW/20hp unit mean that it can handle high volumes of paper and cardboard items, as well as plastic products such as CDs, DVDs, and video cassettes.

In addition, its low speed/high torque combination means that the U-15 can shred heavier duty products such as some plastic utility piping, plastic extrusions, injection mouldings and rotational mouldings.

Key features:

- Up to 75% volume reduction
- Economical product waste recycling
- Self cleaning, counter rotational shafts for continuous shredding
- Flexible feed and discharge arrangements available
- Automatic reversing and overload protection system
- Basic and smart control system options
- Variety of knife and hook options to suit different products and shred size requirements

Alternative applications:

- Security destruction of production seconds and by-products
- Stainless steel, food grade and pharmaceutical machines
- Hydraulically driven, integrated marine waste processing systems
- Mobile on-site shredding
- Air conveyed feed and discharged shredding systems

U-45SB Shredder

The U-45SB is a cost effective solution for businesses that require a more shredding power than the U-15, but do not need a full size cutting chamber. The shortened size of the cutting force, which means that it in addition to paper, cardboard and data storage media, it can handle glass textiles, wood, tannery products, municipal waste, rubber and tobacco. A further advantage of this configuration is reduced maintenance costs.

Key features:

- Up to 75% volume reduction
- Economical product waste recycling
- Self cleaning, counter rotational shafts for continuous shredding
- Flexible feed and discharge arrangements available
- Automatic reversing and overload protection system

- Basic and smart control system options
- Variety of knife and hook options to suit different products and shred size requirements

Alternative applications:

- Security destruction of production seconds and by-products
- Hydraulically driven, integrated marine waste processing systems
- Mobile on-site shredding
- Air or belt conveyed feed and discharged shredding systems

U-TS100 Mk1

Heavy duty shredding requires a heavy duty solution, so where there are large volumes of paper and cardboard documents to be disposed of in complete security, the U-TS100Mk1 provides the answer. This machine is designed for very tough environments where continuous running and minimal downtime is required. Its modular format allows for the interchange of modules with different knife configurations, which means that in addition to documents and hard plastics, it can also handle tyres, glass and 205 litre drums in metal or plastic.

Key features:

- Transportation costs of shredded materials reduced by up to 75%
- Preparation of products for recycling
- Modular construction for ease of maintenance
- Self cleaning, counter rotational shafts for continuous shredding
- Flexible feed and discharge arrangements available
- Automatic reversing and overload protection system
- Basic and smart control system options
- Variety of knife and hook options to suit different products and shred size requirements

Alternative applications:

- Pre shredder and secondary shredder for automotive tyres
- Security destruction of production seconds and by-products
- Shredding of 205 litre steel drums
- Secondary shredder for general sorted waste

U-15 General specifications



	Height	Width	Length	Weight
General Assy.	2400mm	1125mm	2180mm	1200kg
Shredder	550mm	750mm	2100mm	800kg
Drive Motor	550mm	475mm	1150mm	325kg
Safety Stand*	1175mm	875mm	2180mm	300kg
Safety Hopper*	920mm	950mm	765mm	70kg
Control Panel	600mm	600mm	200mm	30kg

Cutting Chamber Size	700mm x 345mm
Distance between shaft centres	132mm
Size of shaft hexagon	60mm A/F
Maximum knife diameter	175mm
Maximum knife thickness	31mm
Maximum weight of knife	5kg

* Can vary with turnkey systems to customer's requirement, and manufactured to CE Standard

U-45 SB General specifications

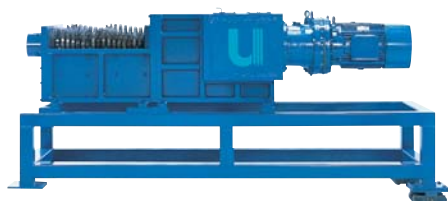


	Height	Width	Length	Weight
General Assy.	2700mm	1470mm	2320mm	1800kg
Shredder	550mm	1000mm	2120mm	1250kg
Drive Motor	550mm	475mm	1150mm	325kg
Safety Stand*	1275mm	1290mm	2320mm	400kg
Safety Hopper*	1120mm	1200mm	700mm	100kg
Control Panel	800mm	800mm	200mm	50kg

Cutting Chamber Size	621mm x 524mm
Distance between shaft centres	192mm
Size of shaft hexagon	85mm A/F
Maximum knife diameter	260mm
Maximum knife thickness	31mm
Maximum weight of knife	8kg

* Can vary with turnkey systems to customer's requirement, and manufactured to CE Standard.

U-TS100 Mk1 General specifications



	Height	Width	Length	Weight
General Assy.	3400mm	2050mm	3470mm	8900kg
Shredder	925mm	1425mm	3500mm	7250kg
Gearbox Assy.	925mm	1425mm	2350mm	4500kg
Chamber Assy.	800mm	1220mm	1450mm	2750kg
Drive Motor	800mm	625mm	1500mm	750mm
Safety Stand*	1650mm	1590mm	3470mm	1125kg
Safety Hopper*	1250mm	1425mm	925mm	325kg
Control Panel	1600mm	1000mm	400mm	200kg

Cutting Chamber Size	800mm x 812mm
Distance between shaft centres	305mm
Size of shaft hexagon	127mm A/F
Maximum knife diameter	420mm
Maximum knife thickness	47mm
Maximum weight of knife	35kg

* Can vary with turnkey systems to customer's requirement, and manufactured to CE Standard.

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