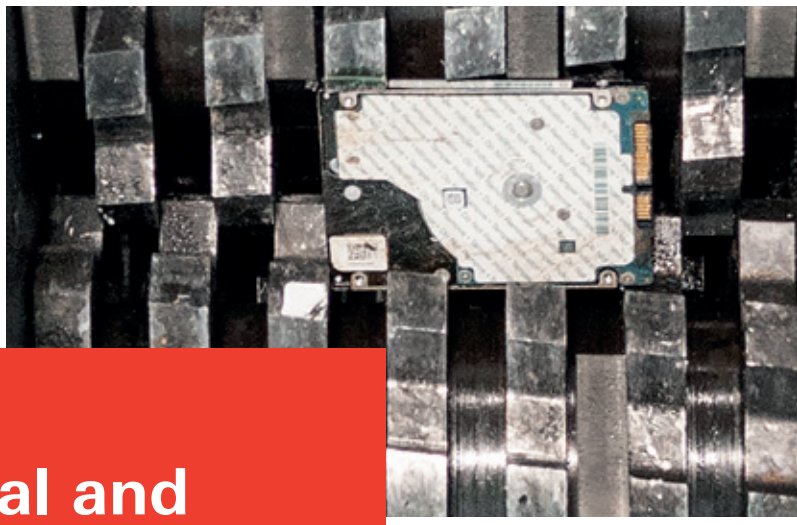
HSM®

Great Products, Great People.



Solutions for industrial and professional Data Destruction

Product Overview

www.hsm.eu

Misuse of data causes millions in damages!

Dealing with files and documents is something you do on a daily basis and everyone is very conscious of the need to act responsibly. However, there is an increase in the occurrence of data leaks which could be detrimental to the reputation of government offices, institutions and companies or lead to financial loss. In today's digital world countless amounts of confidential information are stored on our hard drives, USB sticks, magnetic tapes, CDs, DVDs and Blu-ray discs, credit cards and customer cards as well as discs.

But what happens to these storage devices when they are no longer required?
Many are disposed of carelessly; offered for sale at car boot sales or sold on ebay, the data allegedly having been deleted using conventional wiping routines. This is an open invitation for the data to be misused; it is extremely easy to restore and retrieve confidential data.
These risks can be avoided! HSM offers the largest range of document shredders and digital data media shredders for all areas of application.

Optical data carriers

Magnetic data carriers

Electronic data carriers and digital devices (without battery/rechargeable battery)

Hard drives with magnetic storage media

HSM Quality "Made in Germany"

HSM has always adhered to quality principles, whether in development and construction, production, project planning or service. HSM plants are certified according to DIN EN ISO 9001 and work towards the creation of high-quality products.

The clear belief in German production is a part of the responsibility that comes with being an integral element in the regional community.

Made in Germany

We believe that customer satisfaction starts with the advice provided!

- HSM specialists provide you with individual advice on site, even for custom solutions or specific projects. So that you get a system that is specifically tailored to meet your needs.
- We provide advice on data protection to companies and government offices.

Even after your purchase, we are there for you!

- You can rely on our worldwide support as well as on the punctual delivery of spare parts and the processing of service orders.
- HSM service contracts, which include regular maintenance and inspections, ensure operational reliability and security.

The right solution for every security requirement

It only takes a few steps to get the correct security level

1 Define your protection class ...

Protection class 1	Protection class 2	Protection class 3
Normal protection requirement for internal data.	High protection requirement for confidential data.	Very high protection requirements for particularly confidential and secret data.

2 ... which leads to the security levels.

Strip width max. 6 mm, approx. 35 pieces*

Internal documents to be rendered illegible or invalidated, for instance internal company communications, such as out-of-date instructions, travel guidelines, notices, forms.

Particle size max. 320 mm², approx. 194 pieces*

Data media with sensitive and confidential data as well as personal data subject to high protection requirements, e.g. company sales reports and tax documents as well as quotations, orders etc. with private address data.

Particle size max. 160 mm², approx. 389 pieces*

Data media with sensitive and confidential data as well as personal data subject to high protection requirements, e.g. balances and conditions as well as payslips, personal data/files, work contracts, tax documents.

Particle size max. 30 mm², approx. 2,079 pieces*

Data media with confidential information of fundamental importance for a person, company or institution, e.g. medical reports, patents, construction documents, strategic papers, competitor analyses, process documentation.

*based on DIN A4, 80 g/m²

3 Select the data media relevant for you.

e.g. paper, printed forms

e.g. CDs, DVDs, Blu-ray discs

e.g. floppy disks, ID cards with magnetic strips

e.g. USB sticks, chip cards, solid state drives, flash memory from smartphones

e.g. films, foils

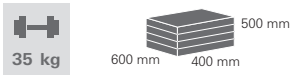
HSM Shredder Baler Combinations

HSM Powerline SP 4040 V

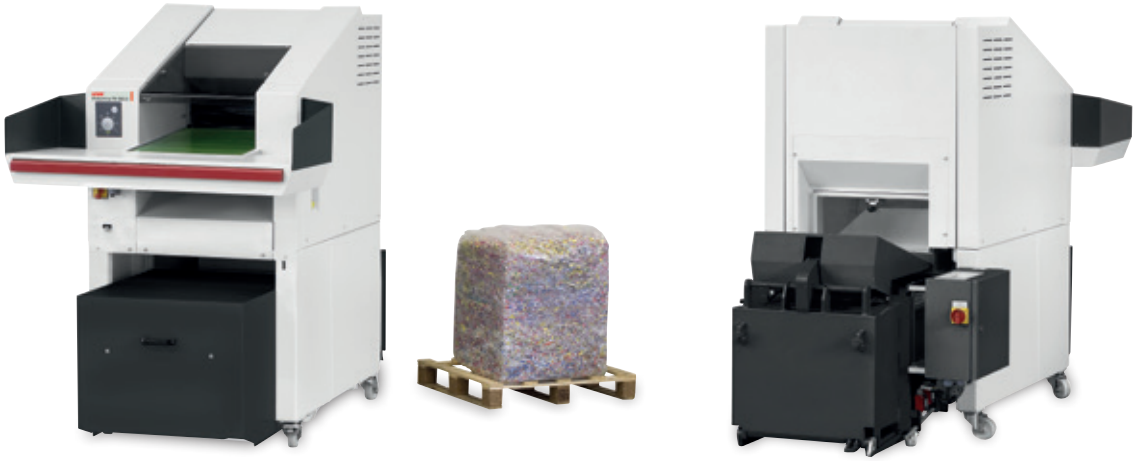
This compact combination of the FA 400.2 heavy duty document shredder and a vertical baling press is designed for the professional destruction of large quantities of documents, which are then compressed into bales of up to 35 kg.

- Cutting rollers made of hardened solid steel
- Convenient material feeding via conveyor belt
- Continuous operation is possible thanks to the powerful motor with a chain drive
- Automatic return eliminates paper jams
- Light barrier for automatic start of the compression process
- Shredded material is compressed into compact bales and can be cleanly disposed of either in a box or waste bag
- Practical removal trolley for the easy removal of bales
- Cross cut shredder baler combinations have a manual oiler
- User safety through emergency off switch
- Functional operator control panel with LED indicator
- Mobile on castors, with parking brake

Max. bale weight / bale size:



Model	**HSM Powerline SP 4040 V**		
Cutting type	Strip cut	Particle cut	Particle cut
Cutting size in mm / Product number	5.8 / 2513111144	5.8 x 50 / 2514111144	3.9 x 40 / 2515111144
Security level ISO/IEC 21964 (DIN 66399)	P-2 / O-2 / T-2 / E-2	P-3 / O-2 / T-3 / E-2	P-4 / O-3 / T-4 / E-3 / F-1
Shredder material			
Cutting capacity in sheets DIN A4 80 g/m²	104	96	80
Cutting speed in mm/s	220	220	220
Intake width in mm	428	428	428
Power consumption in kW	6.2	6.2	6.2
Voltage / Frequency	400 V / 50 Hz	400 V / 50 Hz	400 V / 50 Hz
Dimensions (W x D x H) in mm	1120 x 2175 x 1981	1120 x 2175 x 1981	1120 x 2175 x 1981
Weight in kg	737	737	737
Bale weight max. in kg	35	35	35
Pressing power in kN	44	44	44



HSM Shredder Baler Combinations

HSM Powerline SP 5080

This powerful combination of the FA 500.3 heavy duty document shredder and a counterplate baling press is suitable for data security in archives and compresses the shredded material into bales of between 40 and 80 kg.

- Cutting rollers made of hardened solid steel
- Convenient material feeding via conveyor belt
- Continuous operation is possible thanks to the powerful motor with a chain drive
- Automatic reverse eliminates paper jams
- Simple commissioning of the combination using Plug-and-Play
- Light barrier for automatic start of the compression process
- Shredder material is compressed into compact bales and can be cleanly disposed of in a waste bag
- The bale weight is variable depending on the requirement
- Automatic oiler provides for consistently high cutting capacity
- User safety through emergency off rail
- Multi-functional element for intuitive operation
- Mobile on castors, with parking brake

Max. bale weight / bale size:

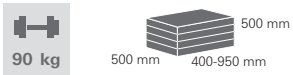
Model	**HSM Powerline SP 5080**			
Cutting type	Particle cut	Particle cut	Particle cut	Particle cut
Cutting size in mm / Product number	10.5 x 40-76 / 2992209134	6 x 40-53 / 2990209134	3.9 x 40 / 2994209134	1.9 x 15 / 2993209134
Security level ISO/IEC 21964 (DIN 66399)	P-2 / O-2 / T-2 / E-2	P-3 / O-2 / T-3 / E-2	P-4 / O-3 / T-4 / E-3 / F-1	P-5 / O-3 / T-4 / E-3 / F-1
Shredder material				
Cutting capacity in sheets DIN A4 80 g/m²	510-550	300-350	180-200	90-100
Cutting speed in mm/s	210	210	210	210
Intake width in mm	500	500	500	500
Power consumption in kW	11.5	11.5	11.5	13.5
Voltage / Frequency	400 V / 50 Hz	400 V / 50 Hz	400 V / 50 Hz	400 V / 50 Hz
Dimensions (W x D x H) in mm	1267 x 2474 x 1792	1267 x 2474 x 1792	1267 x 2474 x 1792	1267 x 2474 x 1792
Weight in kg	1350	1350	1350	1480
Bale weight max. in kg	40-80	40-80	40-80	40-80
Pressing power in kN	80	80	80	80

HSM Powerline SP 5088

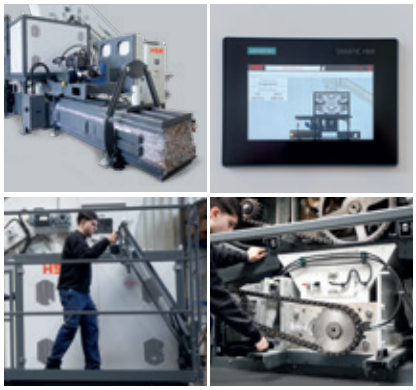
With this waste disposal station, HSM combines the FA 500.3 heavy duty document shredder with a channel baling press. It is therefore perfect for use in archives or central stations for shredding large quantities of documents, which are then compressed into bales of up to 90 kg.

- Cutting rollers made of hardened solid steel
- Convenient material feeding via conveyor belt
- Continuous operation is possible thanks to the powerful motor with a chain drive
- Automatic return eliminates paper jams
- Simple commissioning of the combination using Plug-and-Play
- Light barrier for automatic start of the compression process
- Shredded material is compressed into compact bales, which are manually tied off with three baler straps and can also be disposed of cleanly in a waste bag
- The bale weight is variable depending on the requirement
- Automatic oiler provides for consistently high cutting capacity
- User safety through emergency off rail
- Multifunction element for intuitive operation
- Mobile on castors, with parking brake

Max. bale weight / bale size:



Model	HSM Powerline SP 5088		
Cutting type	Particle cut	Particle cut	Particle cut
Cutting size in mm / Product number	10.5 x 40-76 / 2992414134	6 x 40-53 / 2990414134	3.9 x 40 / 2994414134
Security level ISO/IEC 21964 (DIN 66399)	P-2 / O-2 / T-2 / E-2	P-3 / O-2 / T-3 / E-2	P-4 / O-3 / T-4 / E-3 / F-1
Shredder material			
Cutting capacity in sheets DIN A4 80 g/m²	510-550	300-350	180-200
Cutting speed in mm/s	210	210	210
Intake width in mm	500	500	500
Power consumption in kW	11.5	11.5	11.5
Voltage / Frequency	400 V / 50 Hz	400 V / 50 Hz	400 V / 50 Hz
Dimensions (W x D x H) in mm	1273 x 3281 x 1792	1273 x 3281 x 1792	1273 x 3281 x 1792
Weight in kg	1660	1660	1660
Bale weight max. in kg	90	90	90
Pressing power in kN	85	85	85

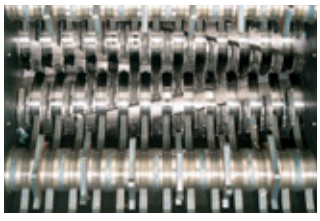


HSM Multilevel Shredder-Systems

HSM DuoShredder 5750

Fully automatic two-stage shredder system. Depending on the type of material, a throughput of up to 800 kg/h is achieved. In combination with an HSM baler, the DuoShredder becomes a complete disposal system.

- High-quality materials and "Made in Germany" quality for safety and durability
- Multi-level shredder system with two shredding stages:
  Stage 1: Pre-shredding via a four-shaft system with two intake shafts and two cutting shafts;
  Stage 2: Fine-shredding via a two-shaft system
- Intelligent level monitoring in the loading hopper optimises the throughput of the multi-level shredder system with input conveyor belt
- Automatic reverse function clears material blockages
- Robust frame construction with integrated, electrically interlocked inspection and maintenance door
- Intuitive operator guidance with graphics and language selection
- Modular design reduces installation, servicing and maintenance time
- Energy-saving, frequency-regulated drives reduce electricity consumption by up to 40% compared with conventional systems – with no loss of performance
- Reliably shreds complete lever-arch files; the shredder system can also be used for other materials with prior approval from HSM
- The system is particularly easy to maintain: Shredding stages 1 and 2 can be pulled out for improved accessibility; foldable platform for maintenance at the filling chute
- Key components are centrally lubricated at an easily accessible point to save time
- Recommendation: in a space-saving combination with the fully automatic HSM VK12 channel baling press, the HSM DuoShredder becomes a complete disposal system
- Optional: Monitoring and remote maintenance system



Cutting unit stage 1: pre-shredder

Cutting unit stage 2: downstream shredder

Model	HSM DuoShredder 5750	HSM DuoShredder 5750
Cutting type	Particle cut	Particle cut
Cutting size in mm	6 x 40-53	4.6 x 34
Security level ISO/IEC 21964 (DIN 66399)	P-3 / O-2 / T-3 / E-2	P-4 / O-3 / T-4 / E-3 / F-1
Shredder material		
Throughput capacity in kg/h	up to 800	up to 650
Working width in mm	500	500
Power consumption in kW	1st stage= 2 x 5.5 / 2nd stage = 2 x 5.5	1st stage = 2 x 5.5 / 2nd stage = 2 x 5.5
Dimensions (W x D x H) in mm*	1900 x 1200 x 3300	1900 x 1200 x 3300

*depending on project-related design

HSM TriShredder 6060

Fully automatic multi-level shredder system with three cutting units and a throughput of up to 2500 kg/h. In combination with an HSM baler, the TriShredder becomes a complete disposal system.

- High-quality materials and "Made in Germany" quality for safety and durability
- Multi-level shredder system with three shredding stages:
  Stage 1: Pre-shredding via a four-shaft system with two intake shafts and two cutting shafts;
  Stages 2 and 3: Fine-shredding via a two-shaft system
- Intelligent level monitoring in the loading hopper optimises the throughput of the multi-level shredder system with input conveyor belt
- Automatic reverse function clears material blockages
- Robust frame construction with integrated, electrically interlocked inspection and maintenance doors
- Modular design reduces installation, servicing and maintenance time
- Plug-and-play connections for easy commissioning of the shredder system
- Energy-saving, frequency-regulated drives reduce electricity consumption by up to 40% compared with conventional systems – with no loss of performance
- Reliably shreds complete lever-arch files; the shredder system can also be used for other materials with prior approval from HSM
- Intuitive operator guidance with graphics and language selection
- Key components are centrally lubricated at an easily accessible point to save time
- Recommendation: In a space-saving combination with the fully automatic HSM VK23 channel baling press, the HSM TriShredder becomes a complete disposal system
- Optional: A metal separator is available to ensure cleanly sorted shredded material and to protect shredding stage 3 from metal pieces
- Optional: Electrical extension mechanism for the 2nd and 3rd shredding stages
- Optional: The monitoring and remote maintenance system ensures continuous operation of the system and minimises maintenance and down times

Model	**HSM TriShredder 6060**	**HSM TriShredder 6060**
Cutting type	Particle cut	Particle cut
Cutting size in mm	7.5 x 40-80	4.6 x 34
Security level ISO/IEC 21964 (DIN 66399)	P-3 / O-2 / T-3 / E-2	P-4 / O-3 / T-4 / E-3 / F-1
Shredder material		
Throughput capacity in kg/h	up to 2500	up to 2000
Working width in mm	650	650
Power consumption in kW	1st stage: 2 x 11 2nd stage: 2 x 11 3rd stage: 2 x 11	
Dimensions (W x D x H) in mm*	1940 x 1430 x 3900	1940 x 1430 x 3900

*depending on project-related design

HSM StoreEx OMDD 130

HSM StoreEx HDS 150

HSM Digital Data Media Shredders

HSM StoreEx OMDD 130

This digital data media shredder is specifically designed for shredding CDs/DVDs and credit cards with the highest security requirements.

- High quality materials and "Made in Germany" quality for safety and durability
- Cutting rollers made of hardened solid steel
- Powerful continuous operation
- Stand-by energy-saving function
- The device automatically switches off if pressure is applied to the safety element. Safety element prevents unintentional entry and serves as a splinter shield
- Light barrier for automatic start/stop
- An automatic reverse rectifies material jams
- Optical display and shut down if the bin is full
- Can be moved on castors

HSM StoreEx HDS 150

The compact HSM StoreEx HDS 150 digital data media shredder destroys digitial data carriers and mobile devices (without battery/rechargeable battery) in a safe and economical way – and is data protection compliant as well.

- High quality materials and "Made in Germany" quality for safety and durability
- Powerful continuous operation
- Convenient operation via the membrane keypad with display
- LED display for continuous input of media at a comfortable working height
- Different functional modes for the various types of material and maximum throughput
- Time-saving direct input of CDs/loyalty cards
- Removable waste container / discharge conveyor belt on the right or left (depending on model)
- Low maintenance due to closed direct drive unit

Model	**HSM StoreEx OMDD 130**		**HSM StoreEx HDS 150**
Cutting type	Particle cut	Particle cut	Particle cut
Type	single-stage	single-stage	single-stage
Cutting size in mm	2.2 x 4	2 x 2	53
Shredder material			
Cutting capacity max. in items/hr	2000 CDs/DVDs (1 item per pass)	1300 CDs/DVDs (1 item per pass)	210 hard drives 3.5" (1 item per pass), 200 hard drives 2.5", 4200 CDs/DVDs, 280 magnetic tapes
Security level ISO/IEC 21964 (DIN 66399)	O-5 / T-6 / E-5	O-6 / T-6 / E-5	H-3 Security cut / T-1 / T-2
Voltage / Frequency	220-240 V / 50/60 Hz	220-240 V / 50/60 Hz	220-240 V / 50/60 Hz
Power consumption in kW	1.9	1.9	1.5
Weight in kg	91	83	534
Dimensions (W x D x H) in mm	620 x 487 x 1021	620 x 487 x 1021	1200 x 815 x 1325
Dimensions of feed-in opening (B x T x H) in mm	130 mm working width	130 mm working width	165 x 290 x 60

HSM StoreEx HDS 230
with removable waste container

HSM StoreEx HDS 230
with discharge conveyor belt

HSM StoreEx HDS 230

Secure, data protection compliant and cost-effective. This powerful digtal data media shredder destroys digital data carriers and mobile devices (without battery/rechargeable battery) into small particles, making data recovery impossible.

- High quality materials and “Made in Germany“ quality for safety and durability
- Powerful continuous operation
- Convenient operation via the robust membrane keypad with display
- The large LED display enables the continuous input of media at a comfortable working height
- Different functional modes for the various types of material and maximum throughput
- Time-saving direct input of CDs/loyalty cards
- Removable waste container for effortless emptying (depending on model)
- Low maintenance due to closed direct drive unit

Model	**HSM StoreEx HDS 230**	**HSM StoreEx HDS 230**
Cutting type	Strip cut	Particle cut
Type	single-stage	dual-stage
Cutting size in mm	20 x 40-50	11.5 x 26
Shredder material		
Cutting capacity max. in items/hr	360 hard drives 3.5" (1 item per pass), 1500 hard drives 2.5", 7500 CDs/DVDs, 500 magnetic tapes	280 hard drives 3.5" (1 item per pass), 1150 hard drives 2.5", 6000 CDs/DVDs, 420 magnetic tapes
Security level ISO/IEC 21964 (DIN 66399)	H-4 / O-1 / T-2 / E-2	H-5 / O-2 / T-3 / E-2
Voltage / Frequency	3 x 400 V / 50 Hz	3 x 400 V / 50 Hz
Power consumption in kW	3	6
Weight in kg	733	1098
Dimensions (W x D x H) in mm	1550 x 870 x 1420 (model with removable waste container) 2850 x 870 x 1713 (model with discharge conveyor belt)	
Dimensions of feed-in opening (B x T x H) in mm	165 x 300 x 60	165 x 300 x 60

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● **Sales and service points**

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