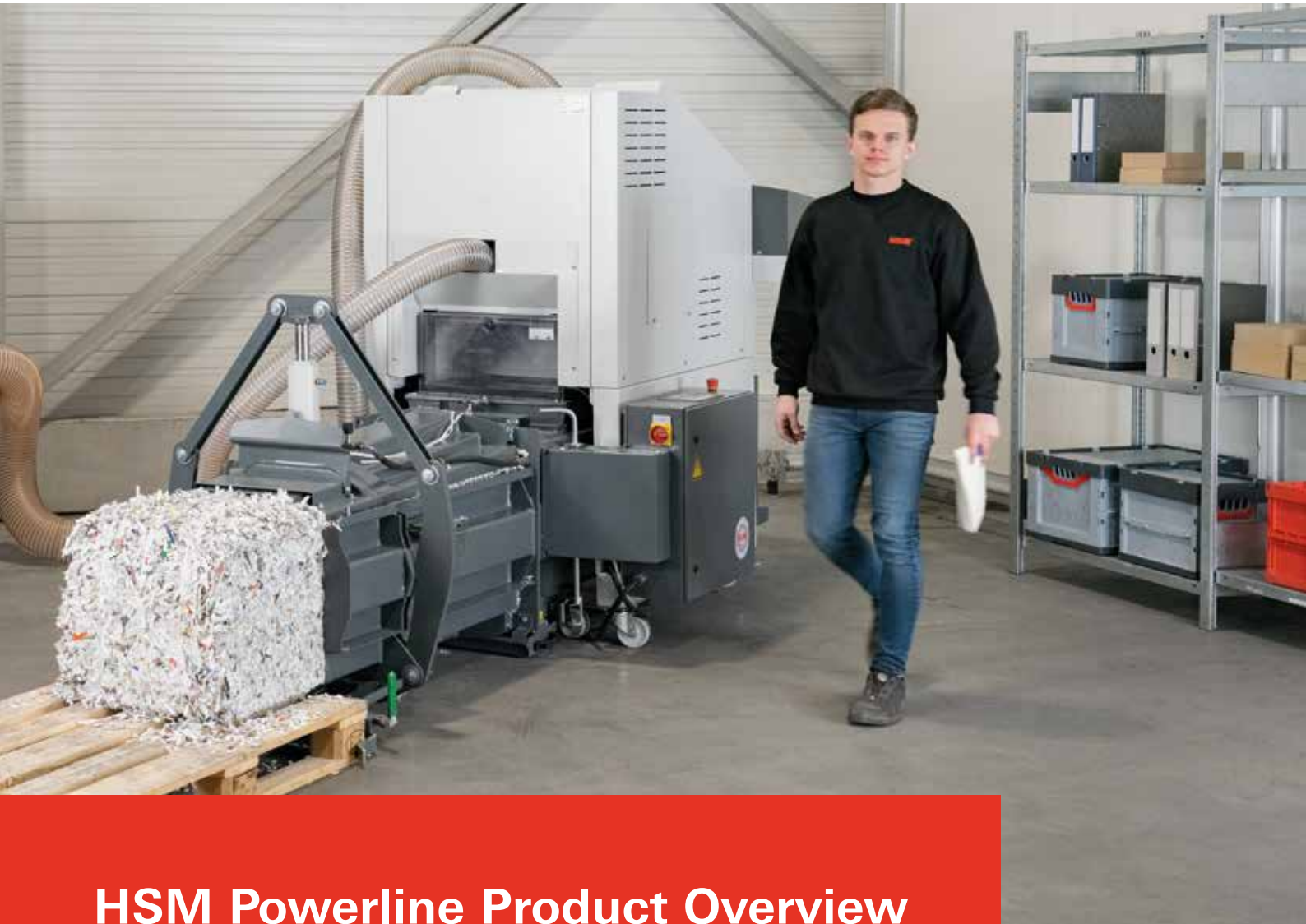




Great Products, Great People.



HSM Powerline Product Overview

Heavy Duty Document Shredders
Shredder Baler Combinations

Your experts for data protection

If you want to protect data securely, you need products you can trust completely. That is why with every HSM document shredder, you get a machine with our extensive experience and expertise built-in to it. We are at the forefront with our wide scope of products: our balanced product range makes

us a popular partner for security in the home office, in company offices or departments or in archives – in companies, cooperatives, associations, authorities, public institutions, workshops or other administrative bodies.

Expert advice



The perfect solution for data destruction

Confidential documents do not belong in the waste bin but in an HSM document shredder. The following applies: the more confidential the data, the higher the security level should be according to ISO/IEC 21964 (DIN 66399). The particle cut document shredders offer a sufficiently high level of data protection for most private and commercial

documents from security level P-3. If there is an increased need for protection, e. g. for confidential, secret or personal data, the GDPR-compliant data carrier destruction requires security level P-4. Data carriers with information of existential importance that is to be kept secret should be destroyed at security level P-5.



Presentation of the different security levels using the example of paper data carriers.

The heavy duty document shredders are used for:

- Destruction of files, crumpled paper and storage media
- Destruction of identification, passport and health documents
- Invalidation of sales packagings, labels, tokens, manuals or certificates

Depending on the model, these data carriers can be reliably destroyed with an HSM Powerline:



Fig. exemplary

Compact disposal stations for the centralised destruction of data media

Large amounts of confidential documents or personal data can be destroyed just as easily as a small stack of paper – quickly, in a user-friendly process and in compliance with the GDPR. With the HSM Powerline product range, HSM provides high-performance disposal stations that, in addition to paper stacks of up to 550 sheets, can also securely destroy digital data

carriers such as CDs/DVDs, customer and credit cards, memory cards or USB sticks. Even complete file folders or printed sales packaging are easily destroyed and then pressed into compact bales. This significantly reduces the volume of waste material and simplifies disposal.

Heavy duty document shredders



HSM Powerline 450.2
For confidential data carriers, crumpled paper or continuous paper

P-4 P-5



HSM Powerline FA 400.2
For convenient data destruction thanks to the conveyor belt

P-1 P-2 P-3 P-4



HSM Powerline FA 500.3
Particularly powerful for maximum protection requirements

P-2 P-3 P-4 P-5

Shredder baler combinations



HSM SP 4040 V
Destruction of large amounts of data with subsequent compression of the cutting material

P-2 P-3 P-4



HSM SP 5080
For convenient data destruction with ejection of compact bales

P-2 P-3 P-4 P-5



HSM SP 5088
For highest throughput due to channel baler

P-2 P-3 P-4



HSM produces the HSM Powerline heavy duty document shredders and shredder baler combinations in Germany.



The HSM Powerline heavy duty document shredders and shredder baler combinations meet the highest security standards.



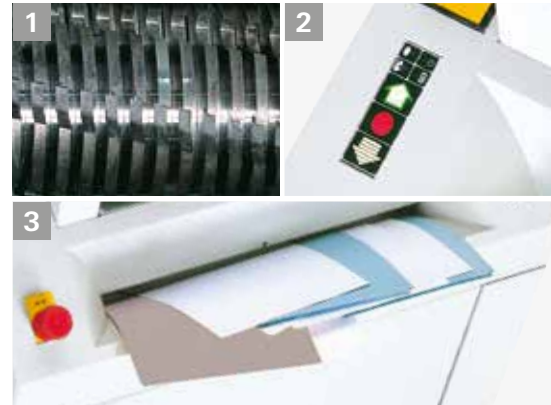
The HSM Powerline heavy duty document shredders and shredder baler combinations are equipped with energy-efficient IE3-compliant motors.

HSM Powerline 450.2 heavy duty document shredder

Powerful and durable. This heavy duty document shredder provides for data security in archives or central stations for document shredding.

The advantages:

- An automatic reverse reduces paper jams.
- Effortless emptying via a removable trolley with a reusable collecting bag.
- Light barrier for automatic start/stop.
- User safety through emergency off switch.
- Mobile on castors.
- Easy filling due to large funnel, e.g. with crumpled paper (product number: 1503154).



1 Solid steel cutting rollers

The induction-hardened, solid steel cutting rollers are robust and ensure a high level of durability.

2 Functional operator control panel with LED indicator

The functional operator control panel with an LED indicator provides the operating status of the shredder very clearly.

3 Continuous operation

To enable you to shred documents in continuous operation mode, the shredder has a powerful motor.



1503154 ▲
1688144 ►



Model	HSM Powerline 450.2	
Cutting type	Particle cut	Particle cut
Cutting size in mm / Product number	3.9 x 40 / 1503154	2 x 15 / 1688144
Security level ISO/IEC 21964 (DIN 66399)	P-4/O-3/T-4/E-3/F-1	P-5/O-4/T-5/E-4/F-2
Shredder material		
Cutting capacity in sheets DIN A4 80 g/m ²	65-70	28-32
Cutting speed in mm/s	210	218
Intake width in mm	443	443
Power consumption in kW	3	2.2
Voltage / Frequency	400 V / 50 Hz	400 V / 50 Hz
Dimensions (W x D x H) in mm	752 x 668 x 1602	752 x 668 x 1471
Weight in kg	220	220
Bin volume in l	290	290

HSM Powerline FA 400.2 heavy duty document shredder

Thanks to its large throughput, this sturdy and durable heavy duty document shredder is perfect for use in continuous operation in archives or central stations for document shredding.

The advantages:

- An automatic reverse reduces paper jams.
- The functional operator control panel with an LED indicator provides the operating status of the shredder very clearly.
- Effortless emptying via a removable trolley with a reusable collecting bag.
- User safety through emergency off switch.
- Practical storage table for data carriers.
- Mobile on castors, with parking brake.



1 Convenient material feeding

Convenient material feeding via conveyor belt.

2 Solid steel cutting rollers

The induction-hardened, solid steel cutting rollers are robust and ensure a high level of durability.

3 Manual oiler

To ensure a consistently high cutting capacity, these cross cut document shredders have a manual oiler.



Model	HSM Powerline FA 400.2			
Cutting type	Strip cut	Strip cut	Particle cut	Particle cut
Cutting size in mm / Product number	11.8 / 1534144	5.8 / 1513144	5.8 x 50 / 1514144	3.9 x 40 / 1515144
Security level ISO/IEC 21964 (DIN 66399)	P-1/O-1/T-1/E-1	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/m ²	144	104	96	80
Cutting speed in mm/s	220	220	220	220
Intake width in mm	428	428	428	428
Power consumption in kW	4	4	4	4
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	1120 x 1568 x 1649	1120 x 1568 x 1649	1120 x 1568 x 1649	1120 x 1568 x 1649
Weight in kg	445	425	430	444
Bin volume in l	460	460	460	460

HSM Powerline FA 500.3 heavy duty document shredder

The top model of the HSM Powerline heavy duty document shredder range. This powerhouse is perfect for shredding large quantities in continuous operation in archives or central document shredding stations.

The advantages:

- Convenient material feeding via conveyor belt.
- High user safety through emergency off rail.
- Cutting rollers made of hardened solid steel.
- An automatic reverse reduces paper jams.
- Practical storage table for data carriers.
- Mobile on castors, with parking brake.



1 Multifunction control panel

Multifunction control panel for intuitive operation.

2 Convenient working height

Data carriers are inserted at a convenient working height.

3 Simple emptying

The removable trolley is divided into two areas which makes it easier to empty the reusable collection bag.

4 Automatic oiler

Automatic oiler provides for consistently high cutting capacity.



Model

HSM Powerline FA 500.3

Cutting type	Particle cut	Particle cut	Particle cut	Particle cut
Cutting size in mm / Product number	10.5 x 40-76 / 1992114	6 x 40-53 / 1990114	3.9 x 40 / 1994114	1.9 x 15 / 1993114
Security level ISO/IEC 21964 (DIN 66399)	P-2/O-2/T-3/E-2	P-3/O-2/T-2/E-2	P-4/O-3/T-4/E-3/F-1	P-5/O-4/T-5/E-4/F-2
Shredder material				
Cutting capacity in sheets DIN A4 80 g/m ²	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	7.5	7.5	7.5	9.5
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	1168 x 1796 x 1792	1168 x 1796 x 1792	1168 x 1796 x 1792	1168 x 1796 x 1792
Weight in kg	883	905	905	1060
Bin volume in l	530	530	530	530

HSM Powerline SP 4040 V shredder baler combination

This compact and space saving combination of the HSM Powerline 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.

The advantages of the HSM Powerline FA 400.2 heavy duty document shredder:

- Description see page 5.

The advantages of the baling press:

- Automatic start-stop of the pressing process enables continuous data destruction without interruption.
- Particularly low-maintenance.



1 Functional operator control panel

Modern control with membrane keyboard, graphics-capable text display and language selection.

2 Compressing

Cutting material is pressed into compact bales and can be cleanly disposed of either in a collection bag or – stackable – in a cardboard box.

3 Bale removal trolley

Practical removal trolley for the easy removal of the shredded material.



Max. bale weight / bale size:



Model	HSM Powerline SP 4040 V		
	Strip cut	Particle cut	Particle cut
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/m ²	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 Powerline SP 5080 shredder baler combination

This compact and powerful combination of the HSM Powerline 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.

The advantages of the HSM Powerline FA 500.3 heavy duty document shredder:

- Description see page 6.

The advantages of the baling press:

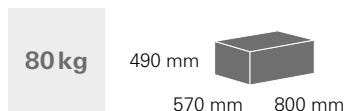
- Automatic start-stop of the pressing process enables continuous data destruction without interruption.
- The bale weight is variable depending on the requirement.
- Shredded material is compressed into compact bales and can be cleanly disposed of in a waste bag.



- 1 Membrane keypad with display**
Convenient operation via the robust membrane keypad with display.
- 2 Safe operation**
The finished bale is output safely due to two-hand operation.
- 3 Simple commissioning**
Simple commissioning of the combination using Plug-and-Play.
- 4 Dust extractor for clean operation**
The optional HSM DE 4-75 dust extractor reduces dust emissions and ensures clean operation.



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/m ²	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 shredder baler combination

With this waste disposal station, HSM combines the FA 500.3 heavy duty document shredder with a channel baling press. This combination is particularly suitable for destroying large amounts of data in archives or central stations. The shredded material is pressed into bales of up to 90 kg.

The advantages of the HSM Powerline FA 500.3 heavy duty document shredder:

- Description see page 6.

The advantages of the baling press:

- Automatic start-stop of the pressing process enables continuous data destruction without interruption.
- The compact bale is manually tied off with three baler straps and can be disposed of cleanly in a waste bag.
- The bale length / bale weight is variable depending on the requirement.



1 Automatic pressing process

The shredded material falls into the baling channel. A light barrier starts the pressing process.

2 Tape station

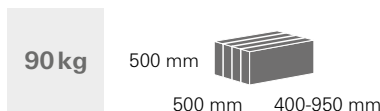
The tape station is readily accessible. The strapping tape can be easily changed.

3 Tying off the bale

After opening the strapping flap, the strapping tape is pulled out using the baler hook and knotted.



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/m ²	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 Accessories

HSM offers a wide range of accessories for the HSM Powerline product family which increase productivity and help the operator.

HSM Powerline FA 400.2 / SP 4040 V



Extension to the loading table by 600 mm, on the left or right
Product number: 2461111



Additional shredder-material collecting trolley for FA 400.2
Product number: 2441111



HSM DE 4-75 dust extractor
in dust classification M
incl. tubing
Product number: 2410124

HSM Powerline FA 500.3 / SP 5080 / SP 5088



Extension to the loading table by 600 mm, on the left
Product number: 2460111



Additional shredder-material collecting trolley for FA 500.3
Product number: 2440111



Pallet holder for SP 5088
Product number: 2490111



Discharge conveyor belt for FA 500.3
(1613 mm discharge height)
Product number: 2421111



HSM DE 4-75 dust extractor
in dust classification M
incl. tubing
Product number: 2411124



Suitable consumable materials can be found at www.hsm.eu



The direct way to more security




























Ensure your data security yourself!

Many companies or public institutions are too quick to choose an external service provider when faced with the question of destroying data either inside the organisation or externally. What is often overlooked: **the contracting entity is still liable – even if the service provider is clearly at fault.***

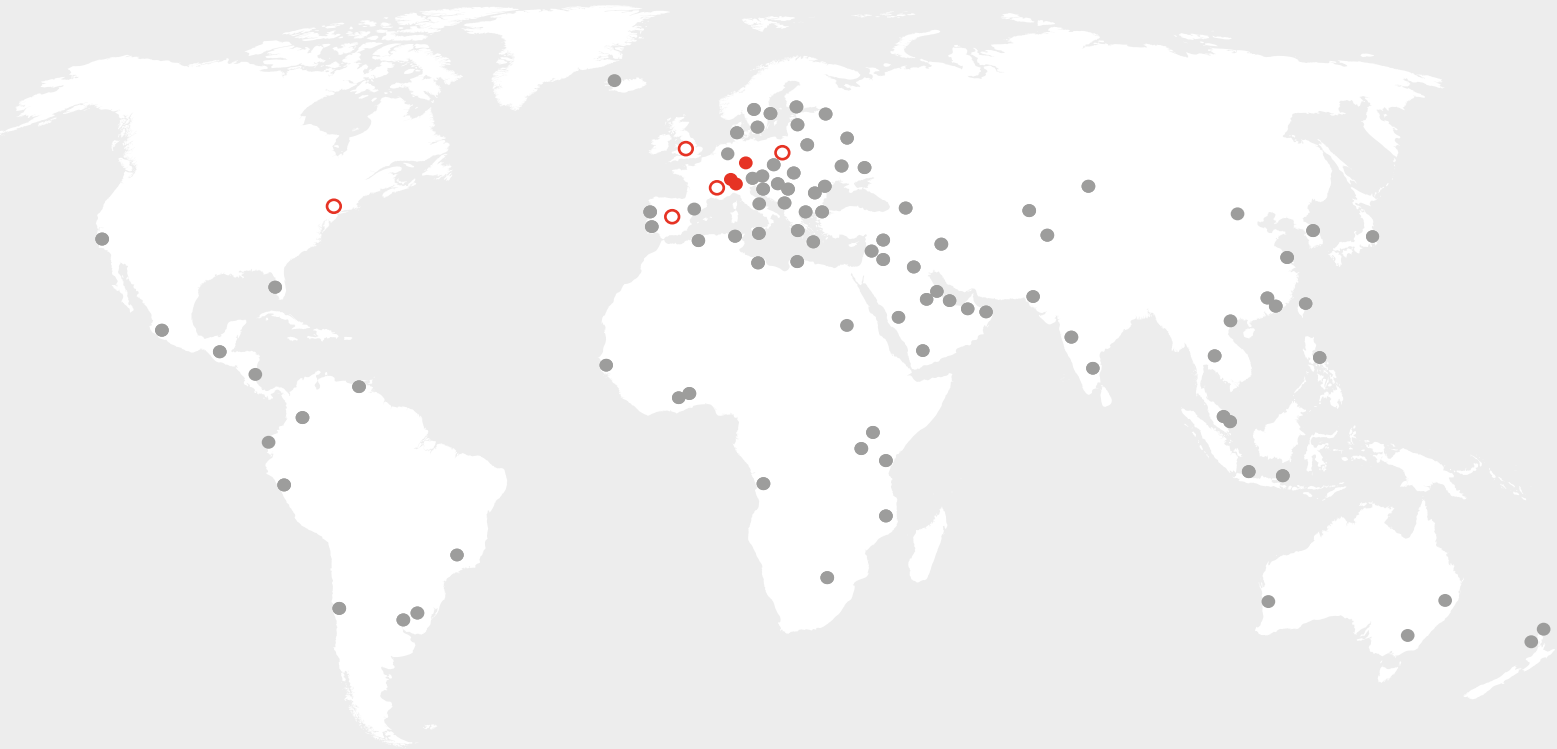
Moreover – the more stages and hands a storage device goes through, the more likely unauthorized access will occur. The efforts and the costs for external destruction are often underestimated. Do your own comparison!

Security, effort and costs – all favour internal data destruction.

The stages of my data carrier's journey, using an application example.

 I do the shredding 	 →  3rd Party Shredding 	
In-house Data Destruction	Mobile Shredding Service on-site	External Shredding Service
 <p>The data carrier gets destroyed by me personally; with my document shredder or using a central machine in the open-plan office</p> 	<div style="display: flex; justify-content: space-between;"> <div style="width: 60%;">  I throw the data carriers into the central, locked data protection container </div> <div style="width: 35%;">  </div> </div> <hr/> <div style="display: flex; justify-content: space-between;"> <div style="width: 60%;">  The data protection container is emptied, e.g. 1 x per week by the service provider </div> </div> <hr/> <div style="display: flex; justify-content: space-between;"> <div style="width: 60%;">  All the containers in the company are stored in a central location </div> <div style="width: 35%;">  All the containers in the company are transported to the service provider in a lorry </div> </div> <hr/> <div style="display: flex; justify-content: space-between;"> <div style="width: 60%;">  My data media carriers are destroyed with other data media in the mobile shredding system </div> <div style="width: 35%;">  The containers are in an intermediate storage at the service provider's facility </div> </div> <hr/> <div style="display: flex; justify-content: space-between;"> <div style="width: 60%;">  </div> <div style="width: 35%;">  My data carriers are destroyed with many other data carriers in an external shredding system </div> </div>	
<p>Recurring effort</p>  Oil the cutting unit  Empty the waste bin	<p>Recurring effort</p>  Inspect the service provider for adherence to contract*  Archiving of the minutes / certificates for the statutory period	
<p>Investments</p>  Purchase of document shredder  Purchase consumables	<p>Investments</p>  Rent for containers  Possible price increases  Costs for data destruction	
<p>Data Protection</p> 	<p>Data Protection</p> 	

*In accordance with Clause 5 Para 2, Clause 24 Para 1, Clause 28 Para 1, Para 3 sub-para h, Clause 32 Para 1, sub-para b and d and Clause 82 Para 2 of the General Data Protection Regulation (GDPR). No responsibility is accepted for the accuracy of this information.



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