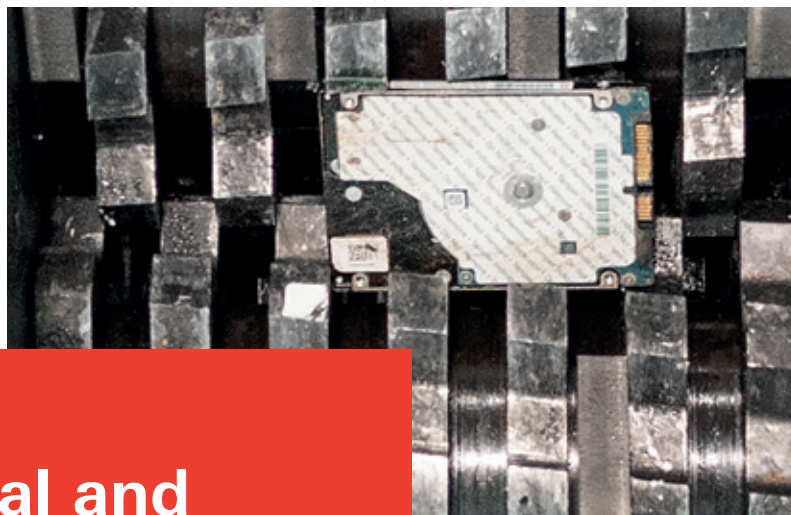# HSM®

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.

O	**T**	**E**	**H**
Optical data carriers	Magnetic data carriers	Electronic data carriers	Electronic data carriers

HSM quality "Made in Germany"

HSM has always adhered to quality principles, whether in development and construction, production, project planning or service. All HSM plants are certified according to DIN EN ISO 9001 and work towards the creation of long-lasting products that retain the value of the HSM brand long into the future.

The clear belief in German production is a part of the responsibility that comes with being an integral element in the regional community. This ensures that every customer can enjoy the high quality of HSM products for a long time.

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 ...**

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

2 **... which leads to the security levels.**

P-2

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.

P-3

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.

P-4

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.

P-5

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.**

P — e.g. paper, printed forms

O — e.g. CDs, DVDs, Blu-ray discs

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

E — e.g. USB sticks, chip cards, solid state drives, flash memory from smartphones
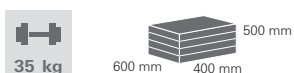
F — e.g. films, foils

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 non-slip 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:

35 kg

500 mm
600 mm   400 mm

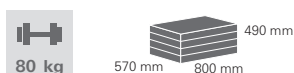| Model	HSM Powerline SP 4040 V		
Cutting type	Strip cut	Particle cut	Particle cut
Cutting size in mm / Product number	5.8 / 2513111144	5.8 x 50 / 2514111144	3.9 x 40 / 2515111144
Security level ISO/IEC 21964 (DIN 66399)	P-2 / O-2 / T-2 / E-2	P-3 / O-2 / T-3 / E-2	P-4 / O-3 / T-4 / E-3 / F-1
Shredder material	🗐 ✎ ▭ 🐷 ▪ 📱	🗐 ✎ ▭ 🐷 ▪ 📱	🗐 ✎ ▭ 🐷 ▪ 📱
Cutting capacity in sheets DIN A4 80 g/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

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 non-slip 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:

80 kg

490 mm
570 mm 800 mm

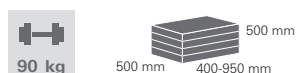| Model	HSM Powerline SP 5080			
Cutting type	Particle cut	Particle cut	Particle cut	Particle cut
Cutting size in mm / Product number	10.5 x 40-76 / 2992209134	6 x 40-53 / 2990209134	3.9 x 40 / 2994209134	1.9 x 15 / 2993209134
Security level ISO/IEC 21964 (DIN 66399)	P-2 / O-2 / T-2 / E-2	P-3 / O-2 / 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

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 non-slip 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:

90 kg   500 mm   400-950 mm   500 mm

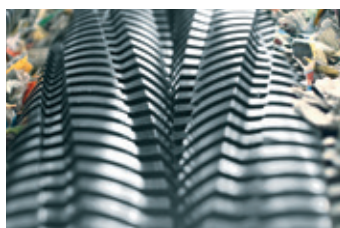| Model	HSM Powerline SP 5088			
Cutting type	Particle cut	Particle cut	Particle cut	Particle cut
Cutting size in mm / Product number	10.5 x 40-76 / 2992414134	6 x 40-53 / 2990414134	3.9 x 40 / 2994414134	1.9 x 15 / 2993414134
Security level ISO/IEC 21964 (DIN 66399)	P-2 / O-2 / T-2 / E-2	P-3 / O-2 / T-3 / E-2	P-4 / O-3 / T-4 / E-3 / F-1	P-5 / O-4 / T-5 / E-4 / F-2
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	1273 x 3281 x 1792	1273 x 3281 x 1792	1273 x 3281 x 1792	1273 x 3281 x 1792
Weight in kg	1660	1660	1660	1790
Bale weight max. in kg	90	90	90	90
Pressing power in kN	85	85	85	85

HSM DuoShredder 5750

Two-stage, fully automatic document disposal system. Depending on the type of material, it can achieve an efficient throughput of up to 800 kg per hour. In combination with an HSM baling press, you can expand the HSM DuoShredder 5750 into a complete disposal system.

- High quality materials and "Made in Germany" quality for safety and durability
- Two-stage fully automated shredding system
- Stage 1: pre-shredding using a four-shaft system consisting of two intake shafts and two cutting shafts
- Stage 2: fine shredding using a two-shaft system
- Sturdy loading hopper with built-in overloading protection to control the shredder and the conveyor belt

- Light barrier monitors filling level between stages to prevent overloading
- Automatic stop and reverse when jammed
- The entire system is controlled automatically
- Equipped as standard with energy-saving frequency regulated drive
- Modern PLC control unit for integrated control of all system components

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

HSM TriShredder 6060

HSM TriShredder 6060 3-stage shredding unit with three cutting units and a throughput of up to 2500 kg/h at security level P-3. In combination with a baling press, you can expand the HSM TriShredder 6060 into a complete disposal system.

- High quality materials and "Made in Germany" quality for safety and durability
- Three-stage fully automated shredding system
- Stage 1: pre-shredding using a four-shaft system consisting of two intake shafts and two cutting shafts
- Stages 2 and 3: fine shredding using a two-shaft system
- Sturdy loading hopper with built-in overloading protection to control the shredder and the conveyor belt

- Light barrier monitors filling level between stages to prevent overloading
- Automatic stop and reverse when jammed
- The entire system is controlled automatically
- Equipped as standard with energy saving frequency regulated drive
- Modern PLC control unit for integrated control of all system components

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	bis zu 2500			bis zu 2000
Working width in mm	650			650
Power consumption in kW	1st stage: 2 x 11	2nd stage: 2 x 7.5	3rd stage: 2 x 7.5	
Dimensions (W x D x H) in mm	1940 x 1430 x 3900			1940 x 1430 x 3900

HSM StoreEx HDS 150

HSM StoreEx HDS 230
mit Auffangbehälter

HSM StoreEx HDS 230
mit Auslaufförderband

HSM digital data media shredders

HSM StoreEx HDS 150

The HSM StoreEx HDS 150 digital data media shredder destroys digitial media devices 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, energy-saving power unit enables long 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

- Removable waste container for effortless emptying

- An automatic reverse rectifies material jams

- Low maintenance due to closed direct drive unit

HSM StoreEx HDS 230

Secure, data protection compliant and economical. This digital data media shredder shreds digital data carriers into little particles and makes data recreation virtually impossible.

- High quality materials and „Made in Germany" quality for safety and durability

- Powerful, energy-saving power unit enables long 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 HDS 150	HSM StoreEx HDS 230	HSM StoreEx HDS 230
Cutting type	Strip cut	Particle cut	Particle cut
Type	single-stage	single-stage	dual-stage
Cutting size in mm	40	20 x 40-50 (< 1000 mm²)	11.5 x 26 (< 300 mm²)
Shredder material			
Cutting capacity in items/hr	up to 1200 hard drives 2.5", up to 210 hard drives 3.5" (1 item per pass); up to 4200 CDs/DVDs; up to 280 magnetic tapes	up to 1500 hard drives 2.5", up to 360 hard drives 3.5" (1 item per pass); up to 7500 CDs/DVDs; up to 500 magnetic tapes	up to 1150 hard drives 2.5", up to 280 hard drives 3.5" (1 item per pass); up to 6000 CDs/DVDs; up to 420 magnetic tapes
Security level ISO/IEC 21964 (DIN 66399)	H-3 / T-1 / T-2	H-4 / O-1 / T-2 / E-2	H-5 / O-2 / T-3 / E-2
Voltage / Frequency	220-240 V / 50/60 Hz	3 x 400 V / 50 Hz	3 x 400 V / 50 Hz
Power consumption in kW	1,5	3	6
Weight in kg	534	733	1098
Dimensions (W x D x H) in mm	1200 x 815 x 1325	1550 x 870 x 1420 (model with removable waste container) 2850 x 870 x 1716 (model with discharge conveyor belt)	
Dimensions of feed-in opening (B x T x H) in mm	165 x 290 x 60	165 x 300 x 60	165 x 300 x 60

Consumable materials

Reusabel collecting bags

Order number	Suitable for document shredders or press models, standard equipment	Dimensions (W x H x L) in mm	Weight 100 pieces
6111 995 200	HSM SP 4040 V (PU = 25 pcs.)	600 x 400 x 1000	17.5 kg
6209 995 000	HSM SP 5080 (PU = 25 pcs.)	580 x 500 x 1400	27.0 kg
6515 995 000	HSM SP 5088 (PU = 25 pcs.)	560 x 540 x 1200	22.6 kg

Cardboard box

Order number	Suitable for shredder baler combination models, standard equipment	Dimensions (W x H x L) in mm
6111 995 101	HSM SP 4040 V (PU = 1 pc.)	590 x 485 x 390

Special lubrication oil

Order number	Container	Quantity
1235 997 403	Bottle	250 ml
1235 997 501	Canister	5 l

Tape clamps

Order number	Item	Weight/ PU
6127 990 101	HSM Tape clamps (PU = 1000 pcs.)	12 kg

Strapping tape

Order number	Suitable for press models standard equipment	Type	Tensile strength	Length per roll	Tape width	Weight per roll
6205 993 010	HSM SP 4988 / HSM SP 5088	WG 30	280 kg	500 m	8.0 mm	2.2 kg

Explanations of the technical data:

Cutting type	The material is shredded into either strips or particles.
Cutting size	Dimension of the strips or particles of the shredded material (depending on the paper quality).
Security levels	In accordance with ISO/IEC 21964 (DIN 66399)
Cutting power	The max. number of sheets (DIN A4, 80 g/m^2), fed lengthways, with the motor cold and cutting unit oiled, which can be cut on one cycle.
Throughput	Max. volume that can be shredded in one hour.
Working width	Maximum effective width of the feed opening.
Motor in kW	Power consumption of the document shredder motor at maximum cutting capacity.
	Power consumption of the press motor in normal operation.
Voltage / frequency	Three-phase/alternating current power supply.
Pressing power	Piston cylinder surface multiplied by the maximum hydraulic pressure (theoretical value).
Bale size	The length/height of the bales varies according to the expansion force of the compressed material.
Bale weight	The bale weight varies depending on the type, moisture and condition of the compressed material and the bale length or height.
Dimensions of the machine	External dimensions of the machine when set up for operation.
Machine weight	Net weight of the machine without packaging and loaded material and with no optional equipment.

HSM®

Great Products, Great People.

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○ **Subsidiaries**

● **Sales and service points**

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