

# HSM Document Shredders

Data protection for all application areas



# HSM Document Shredders – Product Finder



High-quality document shredders for small offices or work at home.

Intelligent basic model for work at home	→	<ul style="list-style-type: none"> <li>• max. 7 sheets per cycle</li> <li>• Container volume 14 l</li> </ul>	<ul style="list-style-type: none"> <li>• Available in security level 2</li> </ul>	<b>HSM 70.2</b>
Compact universal shredder	→	<ul style="list-style-type: none"> <li>• max. 12 sheets per cycle</li> <li>• Container volume 17 l</li> </ul>	<ul style="list-style-type: none"> <li>• Available in security levels 2 and 3</li> </ul>	<b>HSM 80.2</b>
Perfect size for small offices	→	<ul style="list-style-type: none"> <li>• max. 15 sheets per cycle</li> <li>• Container volume 25 l</li> </ul>	<ul style="list-style-type: none"> <li>• Available in security levels 2 and 3</li> </ul>	<b>HSM 90.2</b>
Convenience with an attractive design	→	<ul style="list-style-type: none"> <li>• max. 18 sheets per cycle</li> <li>• Container volume 25 l</li> </ul>	<ul style="list-style-type: none"> <li>• Available in security levels 2 and 3</li> </ul>	<b>HSM 102.2</b>



Versatile document shredders, used ideally under the desk or as central devices for large offices.

Highly efficient at the desk - also suitable for shredding credit and store cards and CDs	→	<ul style="list-style-type: none"> <li>• max. 24 sheets per cycle</li> <li>• Container volume 33 l</li> </ul>	<ul style="list-style-type: none"> <li>• Available in security levels 2, 3 and 4</li> </ul>	<b>HSM 104.3</b>
Multi-functional compact model – also shreds credit and store cards and CDs	→	<ul style="list-style-type: none"> <li>• max. 24 sheets per cycle</li> <li>• Container volume 33 l</li> </ul>	<ul style="list-style-type: none"> <li>• Available in security levels 2, 3 and 4</li> </ul>	<b>HSM 105.3</b>
Ideal for busy offices - also shreds credit and store cards and CDs	→	<ul style="list-style-type: none"> <li>• max. 24 sheets per cycle</li> <li>• Container volume 48 l</li> </ul>	<ul style="list-style-type: none"> <li>• Available in security levels 2, 3 and 4</li> </ul>	<b>HSM 108.2</b>
Professional data security model for larger offices – also shreds credit and store cards, CDs and floppy disks	→	<ul style="list-style-type: none"> <li>• max. 30 sheets per cycle</li> <li>• Container volume 76 l</li> </ul>	<ul style="list-style-type: none"> <li>• Available in security levels 2, 3, 4 and HS level 6</li> </ul>	<b>HSM 125.2</b>
Perfect central device for large offices – also shreds credit and store cards, CDs and floppy disks	→	<ul style="list-style-type: none"> <li>• max. 42 sheets per cycle</li> <li>• Container volume 105 l</li> <li>• Intake width 300 mm</li> </ul>	<ul style="list-style-type: none"> <li>• Available in security levels 2, 3, 4 and HS level 6</li> </ul>	<b>HSM 225.2</b>



Powerfull shredders for entire IT departments or office floors.

Entry-level model in the PROFESSIONAL class – also shreds credit and store cards and entire computer lists	→	<ul style="list-style-type: none"> <li>• max. 25 sheets per cycle</li> <li>• Container volume 116 l</li> <li>• Intake width 386 mm</li> </ul>	<ul style="list-style-type: none"> <li>• Available in security levels 2, 3 and 4</li> </ul>	<b>HSM 386.2</b>
Professional model for large offices or entire office floors – also shreds credit and store cards, CDs and floppy disks	→	<ul style="list-style-type: none"> <li>• max. 42 sheets per cycle</li> <li>• Container volume 148 l</li> <li>• Intake width 400 mm</li> </ul>	<ul style="list-style-type: none"> <li>• Available in security levels 2, 3, 4 and HS level 6</li> </ul>	<b>HSM 390.3</b>
Security expert meets all demands and for the frequent shredding of crumpled paper – also shreds credit and store cards, CDs, floppy disks and DAT cartridges	→	<ul style="list-style-type: none"> <li>• max. 67 sheets per cycle</li> <li>• Container volume 146 l</li> <li>• Intake width 400 mm</li> </ul>	<ul style="list-style-type: none"> <li>• Available in security levels 2, 3, 4 and HS level 6 (4122 in level 3 only)</li> </ul>	<b>HSM 411.2/412.2</b>
Power-pack can process even very large quantities – also shreds credit and store cards, CDs, floppy disks, entire computer lists and crumpled paper	→	<ul style="list-style-type: none"> <li>• max. 85 sheets per cycle</li> <li>• Container volume 290 l</li> <li>• Intake width 443 mm</li> </ul>	<ul style="list-style-type: none"> <li>• Available in security levels 3 and 4</li> </ul>	<b>HSM 450.2</b>



High-volume models with extremely high output for large IT departments and archives or as a central shredding point.

Mobile top models, specialised on continuous operations at large departments and archives or as central shredding points – also shreds credit and store cards, CDs and floppy disks	→	<ul style="list-style-type: none"> <li>• max. 180 sheets per cycle</li> <li>• Container volume 460 l</li> <li>• Intake width 428 mm</li> </ul>	<ul style="list-style-type: none"> <li>• Available in security levels 1, 2 and 3</li> </ul>	<b>HSM FA 400.2</b>
	→	<ul style="list-style-type: none"> <li>• max. 440 sheets per cycle</li> <li>• Intake width 500 mm</li> <li>• Collection trolley optional</li> </ul>	<ul style="list-style-type: none"> <li>• Available in security levels 1, 2 and 3</li> </ul>	<b>HSM FA 490.1</b>
	→	<ul style="list-style-type: none"> <li>• max. 650 sheets per cycle</li> <li>• Intake width 500 mm</li> <li>• Collection trolley optional</li> </ul>	<ul style="list-style-type: none"> <li>• Available in security levels 2 and 3</li> </ul>	<b>HSM FA 500.2</b>

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# “Made in Germany” – for highest demands



**HS Level 6:** The security level HS Level 6, developed by HSM, is an example of the particular efficiency of our document shredders. This highest security level was originally developed specially for top international state security authorities.



The **V groove of the cutting rollers** is another development by HSM in terms of shredding equipment: The new, extremely efficient and high-precision cutting mechanism of the V GROOVE enables a considerably higher cutting capacity at the same energy input.

It's what's inside that counts. As with a top-class modern computer, the inner qualities of document shredders can only be guessed at from the outside. Whether specially hardened solid steel cutting rollers or thermally protected quality motors – with all of its sophisticated inner technological developments, HSM is one of the leading document shredder manufacturers.



## SECURITY LEVEL 1

For general documents that are to be rendered illegible after expiry



## SECURITY LEVEL 2

For internal documents that need to be rendered illegible such as computer lists or bad copies



## SECURITY LEVEL 3

For confidential documents such as personal data and documents



## SECURITY LEVEL 4

When the confidentiality of documents is of existence importance for the company



## SECURITY LEVEL 5

For secret documents where extraordinary security requirements must be adhered to, such as government offices or fundamental research



## HS Level 6

This is the maximum security feature developed by HSM (out of DIN standard) – especially for shredding highly confidential documents

## HSM COMPACT

The entry-level models of our HSM COMPACT series are equipped perfectly for shredding paper and documents discretely at home or at small offices. Placed immediately next to or under the desk, they can be loaded easily and start to work automatically.



### HSM COMPACT – The technical features:

- Automatic start/stop control
- Stand-by operation without power consumption
- Intake width of 225 mm (>DIN A4)
- Rocker switch for on/off and reverse
- Hardened solid steel cutting rollers, unaffected by staples and paper clips
- For small amounts and short operating times
- Thermally protected motor
- Runs quietly
- Tried-and-tested closed gear box prevents dirt and wear, thus increasing the service life
- Cutting rollers with HSM V groove



### HSM 70.2 COMPACT max. 7 sheets

#### The intelligent basic model for work at home.

- This document shredder can also be used as a waste paper basket for non-confidential material thanks to its infeed opening
- Intake width: 225 mm
- Machine height: 384 mm
- Container volume: 14 litres

- Available in the following cutting versions:  
5.8 mm strips, security level 2, max. 7 sheets per cycle  
3.9 mm strips, security level 2, max. 5 sheets per cycle

### HSM 80.2 COMPACT max. 12 sheets

#### The compact universal shredder.

- Intake width: 225 mm
- Machine height: 410 mm
- Container volume: 17 litres
- Cutting roller with HSM V groove for particle cut model

- Available in the following cutting versions:  
5.8 mm strips, security level 2, max. 12 sheets per cycle  
3.9 mm strips, security level 2, max. 8 sheets per cycle  
4 x 25 mm particles, security level 3, max. 5 sheets per cycle



Top part which can be easily removed



Container is also used as a waste paper basket



Automatic start/stop control



Rocker switch for on/off and reverse



Powerful drive, thermally protected motor





**HSM 90.2 COMPACT** max. 15 sheets

**The perfect size for small offices.**

- This document shredder can also be used as a waste paper basket for non-confidential material thanks to its infeed opening (strip cut versions)
  - Also suitable for shredding credit cards and store cards (security level 2)
  - Cutting roller with HSM V groove for particle cut model
  - Intake width: 225 mm
  - Machine height: 423 mm
  - Container volume: 25 litres
- 
- Available in the following cutting versions:
    - 5.8 mm strips, security level 2, max. 15 sheets per cycle
    - 3.9 mm strips, security level 2, max. 12 sheets per cycle
    - 4 x 25 mm particles, security level 3, max. 6 sheets per cycle



**HSM 102.2 COMPACT** max. 18 sheets

**Convenience with an attractive design.**

- Most powerful document shredder of the COMPACT class with integrated container for easy removal of the shredded material
  - Filling level display through integrated inspection window in container
  - Auto-stop when container is full
  - Also suitable for shredding credit cards and store cards (security level 2)
  - Closed housing provides protection against paper dust
  - Cutting roller with HSM V groove for particle cut model
  - Intake width: 225 mm
  - Machine height: 500 mm
  - Container volume: 25 litres
- 
- Available in the following cutting versions:
    - 5.8 mm strips, security level 2, max. 18 sheets per cycle
    - 3.9 mm strips, security level 2, max. 15 sheets per cycle
    - 1.9 mm strips, security level 3, max. 9 sheets per cycle
    - 4 x 25 mm particles, security level 3, max. 7 sheets per cycle

**HSM 102.2 COMPACT** Up to 15 sheets

**silver edition**

- details see HSM 102.2 COMPACT
- Available in the following cutting versions:
    - 3,9 mm strips, security level 2, max. 15 sheets per cycle
    - 4 x 25 mm particles, security level 3, max. 7 sheets per cycle



Top part which can be easily removed (HSM 90.2)



Container is also used as a waste paper basket



Automatic start/stop control



Rocker switch for on/off and reverse



Container is easy to empty



Thermally protected motor



## HSM OFFICE

At the various security levels in accordance with DIN 32757-1 and HSM's own level, HS Level 6, the devices of the HSM OFFICE series are designed specifically for use at the desk or as central devices for large offices. Ideally technically equipped, our OFFICE models ensure a permanent high capacity. The large OFFICE machines not only shred paper, but also CDs.

### HSM OFFICE – The technical features:

- Designed specially for continuous operation
- Hardened solid steel cutting rollers, unaffected by staples and paper clips
- Powerful drive for high performance even when used for long periods of time – thermally protected motor
- Tried-and-tested closed gear box prevents dirt and wear, thus increasing the service life
- Closed housing provides protection against paper dust
- Rocker switch for on/off and reverse
- Cutting rollers with HSM V groove
- Automatic control via photoelectric cell (from HSM 105.3)



### HSM 104.3 OFFICE max. 24 sheets

**Highly efficient at the desk, also suitable for shredding credit and store cards.**

- Automatic start/stop control with rocker switch
- Stand-by operation without power consumption
- Auto-stop when container is full or has been removed
- Also shreds credit and store cards and CDs (5.8 mm strips)
- Integrated container which can be tilted out and used as a waste paper basket for non-confidential documents
- Filling level display through integrated inspection window in container
- Runs quietly
- Intake width: 240 mm
- Machine height: 583 mm
- Container volume: 33 litres

• Available in the following cutting versions:

- 5.8 mm strips, security level 2, max. 24 sheets per cycle
- 3.9 mm strips, security level 2, max. 18 sheets per cycle
- 1.9 mm strips, security level 3, max. 14 sheets per cycle
- 3.9 x 30 mm particles, security level 3, max. 14 sheets per cycle
- 1.9 x 15 mm particles, security level 4, max. 11 sheets per cycle

### HSM 105.3 OFFICE max. 24 sheets

**This multi-functional compact model also shreds credit and store cards with ease.**

- electronic, automatic start/stop control, especially convenient via photoelectric cell
- LED indicating readiness for operation
- LED indicating full paper basket
- Auto-stop when container is full or has been removed
- Also shreds credit and store cards (security levels 2, 3, 4) and CDs (5.8 mm strips)
- Integrated container which can be tilted out and used as a waste paper basket for non-confidential documents
- Filling level display through integrated inspection window in container
- Runs quietly
- Intake width: 240 mm
- Machine height: 583 mm
- Container volume: 33 litres

• Available in the following cutting versions:

- 5.8 mm strips, security level 2, max. 24 sheets per cycle
- 3.9 mm strips, security level 2, max. 18 sheets per cycle
- 1.9 mm strips, security level 3, max. 14 sheets per cycle
- 3.9 x 30 mm particles, security level 3, max. 14 sheets per cycle
- 1.9 x 15 mm particles, security level 4, max. 11 sheets per cycle
- 0.78 x 11 mm particles, security level 5, max. 6 sheets per cycle



Fully automatic paper feed



Container is easy to empty



Container can also be used as waste paper basket



Powerful drive, thermally protected motor



Use of high-quality electronic components (105.3)



Automatic start/stop via light barrier (105.3)





## HSM 108.2 OFFICE max. 24 sheets

**With its powerful motor, the HSM 108.2 is ideal for busy offices. It even shreds credit and store cards.**

- Automatic start/stop control, especially convenient via photoelectric cell
- Stand-by operation with LED
- Auto-stop when container is full or door is open
- Convenient pull-out system with an integrated, sturdy reusable waste bag
- Quiet operation and low-noise running
- Modern electronic control
- Mobile
- Intake width: 240 mm
- Machine height: 727 mm
- Container volume: 48 litres

- Available in the following cutting versions:
  - 5.8 mm strips, security level 2, max. 24 sheets per cycle
  - 3.9 mm strips, security level 2, max. 18 sheets per cycle
  - 3.9 x 30 mm particles, security level 3, max. 14 sheets per cycle
  - 1.9 x 15 mm particles, security level 4, max. 11 sheets per cycle

## HSM 125.2 OFFICE max. 30 sheets

**This professional data security model is the perfect central device for larger offices. Besides credit and store cards it also shreds CDs with ease.**

- Automatic start/stop control, especially convenient via photoelectric cell
- Stand-by operation with LED
- Auto-stop when container is full or door is open
- Convenient pull-out system with integrated, sturdy reusable waste bag
- Quiet operation and low-noise running
- Modern electronic control
- With infeed slot for floppy disks/CDs (CDs 3.9 and 5.8 mm strips, floppy disks 5.8 mm strips)
- Auto-reverse at security level 5 and HS Level 6
- Mobile
- Intake width: 255 mm
- Machine height: 828 mm
- Container volume: 76 litres

- Available in the following cutting versions:
  - 5.8 mm strips, security level 2, max. 30 sheets per cycle
  - 3.9 mm strips, security level 2, max. 25 sheets per cycle
  - 1.9 mm strips, security level 3, max. 19 sheets per cycle
  - 3.9 x 30 mm particles, security level 3, max. 18 sheets per cycle
  - 1.9 x 15 mm particles, security level 4, max. 14 sheets per cycle
  - 0.78 x 11 mm particles, security level 5, max. 8 sheets per cycle
  - 1 x 5 mm particles, HS Level 6, max. 5 sheets per cycle



Integrated, sturdy reusable waste bag



Shredding of up to 30 sheets at a time



Resulting shreds are absolutely illegible



Closed gear box to prevent wear



Use of high-quality electronic components



Automatic start / stop via light barrier





## HSM 225.2 OFFICE

max. 42 sheets

The most powerful model of the OFFICE series is a perfect central device for large offices that can also shred credit and store cards without any difficulty. Depending on the cutting version, it also shreds CDs and floppy disks.

- Automatic start/stop control, especially convenient via photoelectric cell
- Stand-by operation with LED
- Auto-stop when container is full or door is open
- Auto stop with LED plus auto reverse for paper jams
- Convenient pull-out system with integrated reusable waste bag
- Quiet operation and low-noise running
- Modern electronic control
- Folding safety element
- With infeed slot for floppy disks and CDs (3.9 and 5.8 mm strips and 3.9 x 40 mm particles)
- Splinter protection for particle cut devices
- Motor and drive designed for continuous operation
- Mobile
- Intake width: 300 mm
- Machine height: 895 mm (especially convenient to use)
- Container volume: 105 litres

- Available in the following cutting versions:
  - 5.8 mm strips, security level 2, max. 42 sheets per cycle
  - 3.9 mm strips, security level 2, max. 33 sheets per cycle
  - 3.9 x 40 mm particles, security level 3, max. 27 sheets per cycle
  - 1.9 x 15 mm particles, security level 4, max. 19 sheets per cycle
  - 0.78 x 11 mm particles, security level 5, max. 11 sheets per cycle
  - 1 x 5 mm particles, HS Level 6, max. 8 sheets per cycle



Integrated, sturdy reusable waste bag



Shredding of up to 42 sheets at a time



Floppy disks are likewise destroyed with ease



CDs are also shredded into small pieces



Powerful drive for high cutting capacity



Automatic start / stop via light barrier

## HSM PROFESSIONAL

With their powerful motors, the voluminous devices of the HSM PROFESSIONAL series are able to make a clean sweep of all material to be shredded even in IT departments and on entire office floors, including sensitive paper documents, computer lists and credit and store cards. And even CD ROMs and floppy disks are dealt without any problems.



### HSM PROFESSIONAL – The technical features

- Hardened solid steel cutting rollers, unaffected by staples and paper clips
- Powerful drive for high performance even when used for long periods of time – thermally protected motor
- Quiet operation and low-noise running
- Modern electronic control
- Automatic start/stop control, especially convenient via photoelectric cell
- Stand-by operation with LED
- Especially suitable for computer lists
- Mobile
- Cutting rollers with HSM V groove



## HSM 386.2 PROFESSIONAL max. 25 sheets

The entry-level model in the PROFESSIONAL class is excellent value for money. It can process entire computer lists and credit and store cards.

- Auto-stop when waste bag is full or door is open
  - Practical storage space for paper stacks
  - Computer list unit as a practical accessory
  - Rocker switch for on/off and reverse
  - Convenient pull-out system with integrated reusable waste bag
  - Also shreds credit and store cards (security levels 2, 3)
  - Tried-and-tested closed gear box prevents dirt and wear, thus increasing the service life
  - Closed housing provides protection against paper dust
  - Motor and drive designed for continuous operation
  - Intake width: 386 mm
  - Machine height: 860 mm
  - Container volume: 116 litres
- 
- Available in the following cutting versions:
    - 3.9 mm strips, security level 2, max. 25 sheets per cycle
    - 3.9 x 30 mm particles, security level 3, max. 18 sheets per cycle
    - 1.9 x 15 mm particles, security level 4, max. 14 sheets per cycle

## HSM 390.3 PROFESSIONAL max. 42 sheets

This professional model has a high capacity and a large waste volume. It is suited ideally for large offices or entire office floors.

- Auto-stop when waste bag is full or door is open
  - Auto-stop with LED and automatic reverse for paper jams
  - Rocker switch for on/off and reverse
  - Convenient pull-out system with integrated reusable waste bag
  - Also shreds CDs, credit and store cards (security levels 2, 3, 4) and even floppy disks (security levels 2, 3)
  - Tried-and-tested closed gear box prevents dirt and wear, thus increasing the service life
  - With infeed slot for floppy disks and CDs (3.9 and 5.8 mm strips and 3.9 x 40 mm particles)
  - Splinter protection for particle cut devices
  - Motor and drive designed for continuous operation
  - Intake width: 400 mm
  - Machine height: 915 mm
  - Container volume: 148 litres
- 
- Available in the following cutting versions:
    - 5.8 mm strips, security level 2, max. 42 sheets per cycle
    - 3.9 mm strips, security level 2, max. 33 sheets per cycle
    - 3.9 x 40 mm particles, security level 3, max. 27 sheets per cycle
    - 1.9 x 15 mm particles, security level 4, max. 19 sheets per cycle
    - 0.78 x 11 mm particles, security level 5, max. 11 sheets per cycle
    - 1 x 5 mm particles, HS Level 6, max. 8 sheets per cycle



Allows entire computer lists



Reusable waste bag with pull-out system



Computer list unit as a practical accessory



Powerful drive for high cutting capacity



Automatic start / stop via light barrier



## HSM 411.2 PROFESSIONAL max. 67 sheets

**At the maximum security level, HS Level 6, this security expert meets all demands. Furthermore it also shreds CDs, credit and store cards as well as floppy disks.**

- Touch-sensitive keypad for continuous and reverse operation
- Auto-stop when waste bag is full or door is open
- Automatic reverse for paper jams
- Convenient pull-out system with integrated reusable waste bag
- Also shreds credit and store cards as well as floppy disks (security levels 2, 3) and CDs (security levels 2, 3, 4) and DAT cartridges (security level 3)
- Folding safety element\*
- With infeed slot for floppy disks, CDs and DAT cartridges\*
- Splinter protection for particle cut devices\*
- Closed housing provides protection against paper dust
- Intake width: 400 mm
- Machine height: 990 mm
- Container volume: 146 litres

- Available in the following cutting versions:
  - 5.8 mm strips, security level 2, max. 67 sheets per cycle
  - 3.9 mm strips, security level 2, max. 50 sheets per cycle
  - 3.9 x 50 mm particles, security level 3, max. 40 sheets per cycle
  - 1.9 x 15 mm particles, security level 4, max. 28 sheets per cycle
  - 0.78 x 11 mm particles, security level 5, max. 19 sheets per cycle
  - 1 x 5 mm particles, HS Level 6, max. 10 sheets per cycle

\* only with cutting version 3.9 x 50 mm and 1.9 x 15 mm

## HSM 412.2 PROFESSIONAL max. 40 sheets

**With its practical filling hopper, the HSM 412.2 is perfect for the frequent shredding of crumpled paper.**

- Filling hopper for crumpled paper with built in pre-compactor
- Touch-sensitive keypad for continuous and reverse operation
- Auto-stop when waste bag is full or door is open
- Automatic reverse for paper jams
- Convenient pull-out system with integrated reusable waste bag
- Also shreds CDs, credit and store cards, floppy disks and DAT cartridges
- With infeed slot for floppy disks and CDs and splinter protection
- Closed housing provides protection against paper dust
- Intake width: 400 mm
- Machine height: 1277 mm
- Container volume: 146 litres

- Available in the following cutting versions:
  - 3.9 x 50 mm particles, security level 3, max. 40 sheets per cycle



Practical filling hopper for crumpled paper



Fully-automatic shredding



CDs are also destroyed efficiently



Cutting unit components of the highest quality



Touch-sensitive keypad for continuous and reverse operation



Automatic start / stop via light barrier



## HSM 450.2 PROFESSIONAL

max. 85 sheets

**Regardless of whether individual sheets, entire computer lists, crumpled paper, credit and store cards, CDs or floppy disks are to be shredded – this power-pack can process all of your sensitive material even in very large quantities. And the intelligent filling hopper solution with rotary option allows the device to be filled even while it is operated.**

- Large filling hopper for crumpled paper with rotary loading aid (security level 3 only)
- Touch-sensitive keypad for continuous and reverse operation
- Auto stop with LED to indicate whether the waste bag is full or the door is open
- Automatic reverse for paper jams
- Removable trolley to conveniently remove the sturdy reusable waste bag
- Practical storage space for paper stacks or lists
- Also shreds CDs and floppy disks (security level 3)
- Tried-and-tested, sturdy chain drive for maximum throughput
- With 3-phase power connection
- Mobile
- Intake width: 443 mm
- Machine height: 1590 mm (security level 3 with filling hopper)
- Machine height: 1460 mm (security level 4 without filling hopper)
- Container volume: 290 litres

- Available in the following cutting versions:  
3.9 x 50 mm particles, security level 3, max. 85 sheets per cycle  
2 x 15 mm particles, security level 4, max. 40 sheets per cycle



Filling hopper with rotary loading aid



Simultaneous infeed of normal and crumpled paper



Security Level 4 without filling hopper



Reusable waste bag with collection trolley



Touch-sensitive keypad and additional main switch



Cutting unit components of the highest quality



Automatic start / stop via light barrier

## HSM PREMIUM

The sturdy technology of the HSM PREMIUM series is designed specially for large throughputs and high total service times. With a capacity of up to 650 sheets per cycle, the top model, HSM FA 500.2 can process entire volumes of documents and folders at once. Our large machines are therefore suited ideally for large archives or as central shredding points.



### HSM PREMIUM – The technical features

- Material feed via conveyor belt
- Practical loading table
- Touch-sensitive keypad for continuous and reverse operation
- Auto-stop with LED
- Auto reverse for paper jams
- Convenient trolley with extremely sturdy reusable waste bag
- Very sturdy gear motor with chain drive
- Mobile
- Available as strip cut or particle cut model



## HSM FA 400.2 PREMIUM

max. 180 sheets

**This HSM PREMIUM device is suited ideally for continuous operation at IT departments or in other business areas where large amounts of paper have to be shredded effectively.**

- Designed for large amounts and continuous operation
- Material infeed via a conveyor belt – for optimum loading and maximum throughputs
- Practical loading table for easy loading
- Touch-sensitive keypad for continuous and reverse operation
- Auto-stop with LED for full waste bag
- Automatic reverse for paper jams
- Convenient trolley with extremely sturdy reusable waste bag
- Practical storage space for paper stacks or lists
- Integrated manual oiler for cutting unit (particle cut devices only)
- Very sturdy gear motor with chain drive for maximum throughputs
- Extension of loading table available as accessory upon request
- Mobile
- Intake width: 428 mm
- Machine height: 1650 mm
- Collection volume: 460 litres resp. 2 x 230 litres – for easier handling
- **Also available as combination systems with HSM baling press: SP 4040 V**

- Available in the following cutting versions:
  - 11.8 mm strips, security level 1, max. 180 sheets per cycle
  - 5.8 mm strips, security level 2, max. 130 sheets per cycle
  - 5.8 x 50 mm particles, security level 3, max. 120 sheets per cycle

## HSM FA 490.1/500.2 PREMIUM

max. 650 sheets

**These two top models among the HSM document shredders are specialised on continuous operations at large departments and archives or as central shredding points.**

- Designed for large amounts and continuous operation
- Material infeed via a conveyor belt – for optimum loading and maximum throughputs
- Practical loading table for easy loading
- Touch-sensitive keypad for continuous and reverse operation
- Automatic reverse for paper jams
- Integrated manual oiler for cutting unit (only with particle cut devices)
- Very sturdy gear motor with chain drive for maximum throughputs
- Mobile
- Intake width: 500 mm
- Machine height FA 490.1: 1345 mm
- Machine height FA 500.2: 1410 mm
- Collection volume: 360 litres, optionally available with 2 x 180 litres (using a waste collection trolley with sturdy reusable waste bag as option)
- **Also available as combination systems with HSM baling presses: SP 4940 V, SP 4980, SP 4988, SP 5080, SP 5088**

- HSM FA 490.1 in the following cutting versions:
  - 10.5 mm strips, security level 1, max. 250 sheets
  - 5.8 mm strips, security level 2, max. 180 sheets
  - 10.5 x 40-76 mm particles, security level 2, max. 440 sheets per cycle
  - 7.5 x 40-80 mm particles, security level 2, max. 320 sheets per cycle
  - 4.5 x 40-70 mm particles, security level 3, max. 220 sheets per cycle
- HSM FA 500.2 in the following cutting versions:
  - 10.5 x 40-76 mm particles, security level 2, max. 650 sheets per cycle
  - 7.5 x 40-80 mm particles, security level 2, max. 550 sheets per cycle
  - 6 x 40-53 mm particles, security level 3, max. 450 sheets per cycle



Loading table for easy filling



Cutting unit components of the highest quality



Touch-sensitive keypad and additional main switch



FA 500.2 with waste collection trolley (figure similar)



Reusable waste bag with trolley FA 400.2 (figure similar)







## HSM ProfiPack 400

Our powerful tabletop machine is portable and flexible in use and especially space-saving thanks to its compact size - it is the perfect solution for small dispatching and warehouse areas. It instantly transforms used cardboard into free packaging material, which can then disappear into the boxes waiting at the dispatch area.

- Thermal fuse protects the motor from overheating
- 230 V AC power connection
- Easy-to-operate rocker switch for ON/OFF and REVERSE
- Working width: 415 mm
- Infeed height: 10 mm
- Cutting capacity: 1 layer

### **HSM PROFIPACK – The technical features:**

- Cutting and perforation in one cycle: time-consuming pre-cutting of cardboard no longer required
- The hardened cutting rollers, made from a single piece of metal, are completely resistant to damage from paper clips and other soft metal items
- The sturdy housing has been specially designed for the rigours of use at the dispatching area
- The practical measuring scale allows you to quickly measure the width of the material you require

## HSM ProfiPack 425

This multi-functional cardboard shredder standing device has rollers for mobile operation. It can turn bulky old cardboard of delivered goods into multi-functional packaging material at practically no cost.

- Integrated preparation for the connection of dust extraction systems as option
- The large motor ensures high throughput speeds and power reserves, which means it has no problems handling multiple layers
- Thermal fuses on all three phases protect the motor from overheating
- 3-phase power connection – 3 x 400 V
- Rotary switch with the positions ON/OFF and REVERSE
- Working width: 425 mm
- Infeed height: 20 mm
- Cutting capacity: 2-3 layers



Compact table version



Easy-to-operate standing device



Specially developed cutting and perforating rollers



Exact perforation and padding



Specially hardened HSM perforating rollers



The result: High-quality packaging material

# HSM document shredders: The technical specifications at a glance



MODEL	HSM 70.2		HSM 80.2		HSM 90.2		HSM 102.2		HSM 104.3		HSM 105.3		HSM 108.2		HSM 125.2		HSM 225.2		
Cutting type	strips	strips	particles	strips	particles	strips	particles	strips	particles	strips	particles	strips	particles	strips	particles	strips	particles	strips	particles
Cutting size in mm	5.8 / 3.9	5.8 / 3.9	4 x 25	5.8 / 3.9	4 x 25	5.8 / 3.9 / 1.9	4 x 25	5.8 / 3.9 / 1.9	3.9 x 30 / 1.9 x 15	5.8 / 3.9 / 1.9	3.9x30 / 1.9x15 / 0.78x11	5.8 / 3.9	3.9 x 30 / 1.9 x 15	5.8 / 3.9 / 1.9	3.9x30 / 1.9x15 / 0.78x11 / 1x5	5.8 / 3.9	3.9x40 / 1.9x15 / 0.78x11 / 1x5	5.8 / 3.9	3.9x40 / 1.9x15 / 0.78x11 / 1x5
Security level DIN 32757-1*	2 / 2	2 / 2	3	2 / 2	3	2 / 2 / 3	3	2 / 2 / 3	3 / 4	2 / 2 / 3	3 / 4 / 5	2 / 2	3 / 4	2 / 2 / 3	3 / 4 / 5 / HS Level 6	2 / 2	3 / 4 / 5 / HS Level 6	2 / 2	3 / 4 / 5 / HS Level 6
Cutting capacity** 70g/m <sup>2</sup> in sheets	7 / 5	10-12 / 7-8	5	15 / 12	6	16-18 / 13-15 / 8-9	6-7	22-24 / 16-18 / 12-14	12-14 / 9-11	22-24 / 16-18 / 12-14	12-14 / 9-11 / 5-6	22-24 / 16-18	12-14 / 9-11	28-30 / 23-25 / 17-19	16-18 / 12-14 / 7-8 / 4-5	40-42 / 31-33	25-27 / 17-19 / 10-11 / 7-8	40-42 / 31-33	25-27 / 17-19 / 10-11 / 7-8
Cutting capacity** 80g/m <sup>2</sup> in sheets	<b>4-6 / 3-4</b>	<b>7-9 / 5-7</b>	<b>3-4</b>	<b>10-12 / 7-9</b>	<b>3-4</b>	<b>13-15 / 10-12 / 5-7</b>	<b>3-5</b>	<b>17-19 / 13-15 / 9-11</b>	<b>9-11 / 7-9</b>	<b>17-19 / 13-15 / 9-11</b>	<b>9-11 / 7-9 / 4-5</b>	<b>17-19 / 13-15</b>	<b>9-11 / 7-9</b>	<b>22-24 / 18-20 / 13-15</b>	<b>12-14 / 9-11 / 6-7 / 3-4</b>	<b>32-33 / 25-27</b>	<b>20-22 / 12-14 / 7-9 / 6-7</b>	<b>32-33 / 25-27</b>	<b>20-22 / 12-14 / 7-9 / 6-7</b>
Cutting speed in mm/s	80	80	80	60	60	60	60	80	90	80	90	80	90	120	130	126	135	126	135
Intake width in mm	225	225	225	225	225	225	225	240	240	240	240	240	240	255	255	300	300	300	300
Motor	80 W	120 W	120 W	150 W	150 W	150 W	150 W	440 W	440 W	440 W	440 W	440 W	440 W	670 W	670 W	1400 W	1400 W	1400 W	1400 W
Voltage / Frequency	230 V/50 Hz	230 V/50 Hz	230 V/50 Hz	230 V/50 Hz	230 V/50 Hz	230 V/50 Hz	230 V/50 Hz	230 V/50 Hz	230 V/50 Hz	230 V/50 Hz	230 V/50 Hz	230 V/50 Hz	230 V/50 Hz	230 V/50 Hz	230 V/50 Hz	230 V/50 Hz	230 V/50 Hz	230 V/50 Hz	230 V/50 Hz
Dimensions W x D x H in mm	297 x 180 x 384	305 x 200 x 410	305 x 200 x 410	326 x 240 x 423	326 x 240 x 423	365 x 273 x 500	365 x 273 x 500	375 x 281 x 583	375 x 281 x 583	375 x 281 x 583	375 x 281 x 583	401 x 272 x 727	401 x 272 x 727	448 x 347 x 828	448 x 347 x 828	500 x 420 x 895	500 x 420 x 895	500 x 420 x 895	500 x 420 x 895
Weight in kg	1.8	3.8	3.8	4	4.5	6.3	6.8	11.5	12.5	11.5	12.5	19	20	26	30	42	45-48	42	45-48
Container/collection volume in l	14	17	17	25	25	25	25	33	33	33	33	48	48	76	76	105	105	105	105



MODEL	HSM 386.2		HSM 390.3		HSM 411.2		HSM 412.2		HSM 450.2		HSM FA 400.2		HSM FA 490.1		HSM FA 500.2		HSM ProfiPack		400	425
Cutting type	strips	particles	strips	particles	strips	particles	strips	particles	strips	particles	strips	particles	strips	particles	particles	particles	particles	Working width in mm	415	425
Cutting size in mm	3.9	3.9 x 30 / 1.9 x 15	5.8 / 3.9	3.9x40 / 1.9x15 / 0.78x11 / 1x5	5.8 / 3.9	3.9x50 / 1.9x15 / 0.78x11 / 1x5	3.9 x 50	3.9 x 50	3.9 x 50 / 2 x 15	11.8 / 5.8	5.8 x 50	10.5 / 5.8	10.5x40-76/7.5x40-80/4.5x40-70	10.5 x 40-76 / 7.5 x 40-80 / 6 x 40-53	10.5 x 40-76 / 7.5 x 40-80 / 6 x 40-53	10.5 x 40-76 / 7.5 x 40-80 / 6 x 40-53	Infeed height in mm	10	20	
Security level DIN 32757-1*	2	3 / 4	2 / 2	3 / 4 / 5 / HS Level 6	2 / 2	3 / 4 / 5 / HS Level 6	3	3	3 / 4	1 / 2	3	1 / 2	2 / 2 / 3	2 / 2 / 3	2 / 2 / 3	2 / 2 / 3	Cutting capacity in layers	1	2-3	
Cutting capacity** 70g/m <sup>2</sup> in sheets	23-25	16-18 / 12-14	40-42 / 31-33	25-27 / 17-19 / 10-11 / 7-8	65-67 / 48-50	38-40 / 26-28 / 17-19 / 9-10	38-40	38-40	80-85 / 35-40	180 / 130	120	230-250 / 160-180	420-440/300-320/200-220	600-650 / 500-550 / 400-450	600-650 / 500-550 / 400-450	600-650 / 500-550 / 400-450	Cutting speed in m/min	8	12	
Cutting capacity** 80g/m <sup>2</sup> in sheets	<b>18-20</b>	<b>12-14 / 9-11</b>	<b>33-35 / 25-27</b>	<b>20-22 / 13-15 / 7-9 / 6-7</b>	<b>51-53 / 38-40</b>	<b>33-35 / 20-22 / 12-14 / 7-8</b>	<b>33-35</b>	<b>33-35</b>	<b>65-70 / 28-32</b>	<b>144 / 104</b>	<b>96</b>	<b>180-200 / 120-140</b>	<b>330-350/240-260/160-180</b>	<b>510-550 / 425-470 / 340-380</b>	<b>510-550 / 425-470 / 340-380</b>	<b>510-550 / 425-470 / 340-380</b>	Motor in kW	1.15	4	
Cutting speed in mm/s	120	135 / 130	126	135	100	110	110	110	218	210	220	235	250	210	210	210	Voltage / Frequency	230 V/50 Hz	3 x 400 V/50 Hz	
Intake width in mm	386	386	400	400	400	400	400	400	443	428	428	500	500	500	500	500	Dimensions W x D x H in mm	590 x 370 x 360	700 x 480 x 970	
Motor	670 W	670 W	1400 W	1400 W	2100 W	2100 W	2100 W	2100 W	3 kW / 2,2 kW	4 kW	4 kW	2 x 3 kW	2 x 3 kW	9.2 kW	9.2 kW	9.2 kW	Weight in kg	37.2	175	
Voltage / Frequency	230 V/50 Hz	230 V/50 Hz	230 V/50 Hz	230 V/50 Hz	230 V/50 Hz	230 V/50 Hz	230 V/50 Hz	230 V/50 Hz	3 x 400 V/50 Hz	3 x 400 V/50 Hz	3 x 400 V/50 Hz	3 x 400 V / 50 Hz	3 x 400 V / 50 Hz	3 x 400 V/50 Hz	3 x 400 V/50 Hz	3 x 400 V/50 Hz	Container/collection volume in l	116	116	
Dimensions W x D x H in mm	548 x 412 x 860	548 x 412 x 860	595 x 510 x 915	595 x 510 x 915	595 x 470 x 990	595 x 470 x 990	595 x 470 x 990	595 x 470 x 1277	750 x 665 x 1590/1460	1157 x 1568 x 1650	1157 x 1568 x 1650	1160x1700x1345	1160x1700x1345	1155 x 2510 x 1410	1155 x 2510 x 1410	1155 x 2510 x 1410				
Weight in kg	33	35	48	56-58	74	82	87	87	220	425	425	600	600	725	725	725				
Container/collection volume in l	116	116	148	148	146	146	146	146	290	460 resp. 2 x 230	460 resp. 2 x 230	-	-	-	-	-				

\*HS Level 6 is still out of DIN standard 32757-1. \*\*max. per cycle DIN A4, 70 g/m<sup>2</sup> resp. DIN A4 80 g/m<sup>2</sup>. All technical specifications are approximate values. Technical and design modifications reserved.



The suitability of the different materials depends on the respective cutting size of the models. See product descriptions for details.

# Security levels at a glance



## SECURITY LEVEL 1

For general documents that is to be rendered illegible after expiry



## SECURITY LEVEL 2

For internal documents that need to be rendered illegible such as computer lists or bad copies



## SECURITY LEVEL 3

For confidential documents e.g. personal data and documents



## SECURITY LEVEL 4

When the confidentiality of documents is of existence importance for the company



## SECURITY LEVEL 5

For secret documents where extraordinary security requirements must be adhered to, such as government offices or fundamental research



## HS Level 6

This is the maximum security feature developed by HSM (out of DIN standard) - especially for shredding highly confidential documents

## This is how we calculate the technical data

### The technical data and dimensions of the document shredders in detail:

Cutting type:	The strips or particles resulting from shredding the material.
Cutting size:	Dimension of the strips or particles of the shredded material (depending on the paper quality).
Security levels:	In accordance with DIN 32757-1, except HS Level 6, developed by HSM.
Cutting capacity:	The max. number of sheets (DIN A 4, 70 g/m <sup>2</sup> or 80 g/m <sup>2</sup> ), fed lengthwise, with cold motor and lubricated cutting unit, which can be cut in one cycle.
Cutting speed:	This is calculated on the basis of the external diameter and speed of the cutting rollers in idle operation.
Intake width:	Maximum effective width of the intake opening.
Motor:	Power consumption of motor at maximum cutting capacity (see above).
Voltage / frequency:	Three-phase/alternating current power supply.
Dimensions:	External dimensions of the machine when ready for operation.
Weight:	Net weight of machine without packaging.
Container volume / collecting container :	Total volume of the collecting container resp. collection capacity for shredded material until the machine switches off.

### The technical data and dimensions of the cardboard shredders in detail:

Working width:	Maximum effective width of the feed opening.
Infeed height:	Height of the intake opening.
Cutting capacity:	The number of layers of cardboard which can be cut in one cycle.
Cutting speed:	This is calculated on the basis of the external diameter and speed of the cutting rollers in idle operation.
Motor:	Power consumption of the motor at maximum cutting capacity (see above).
Voltage / frequency:	Three-phase/alternating current power supply.
Dimensions:	External dimensions of the machine when set up for operation.
Weight:	Net weight of machine without packaging.



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