

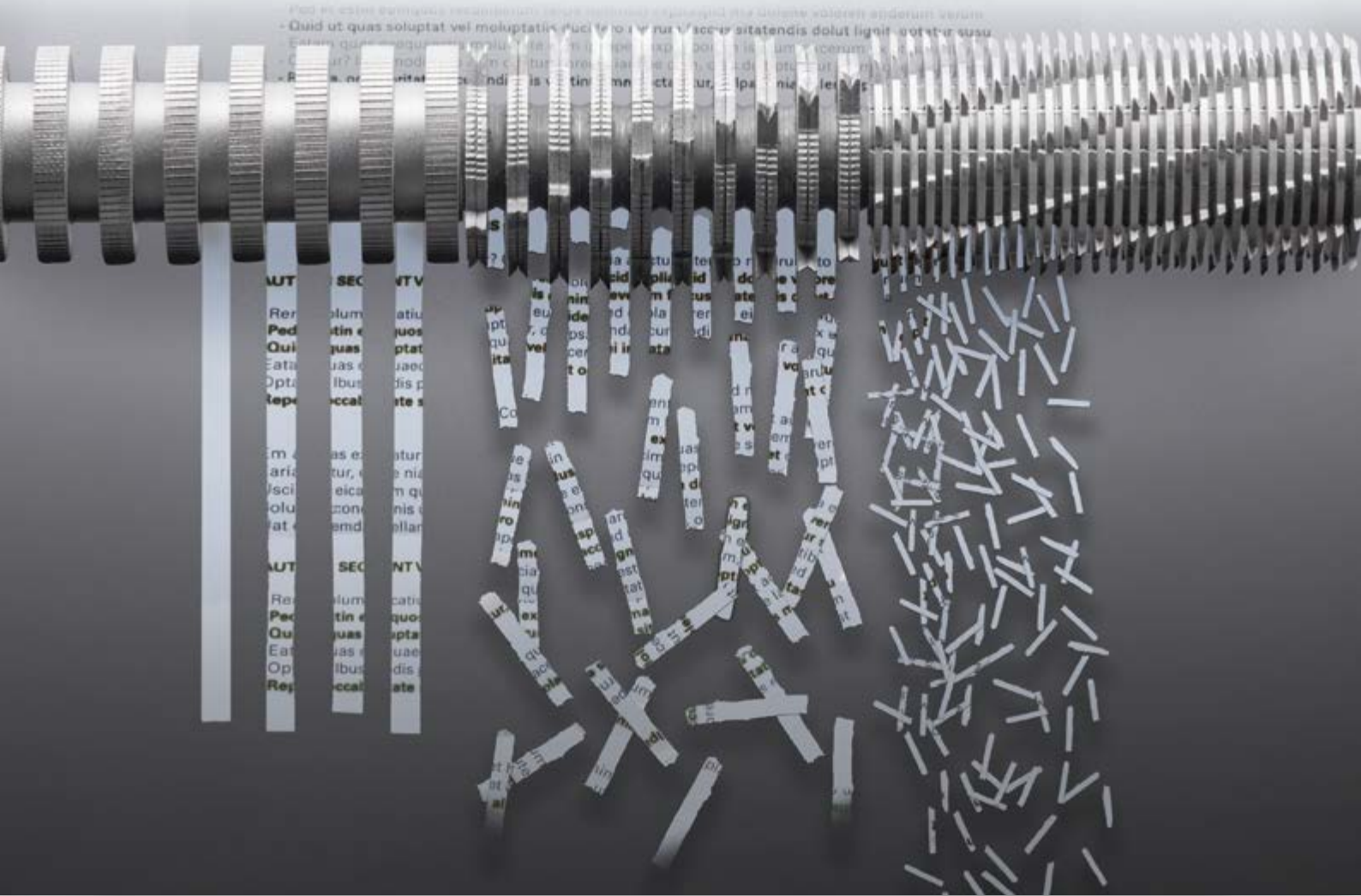
Frau Erika Mustermann geb. Gabler
Musterweg 20
12345 Musterstadt

GERMANY

AUT EUM SEQUUNT VELICIENIS

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shredding

My Dahle. Since 1930.



A Strong Brand – A Strong Technology.

Reliable products since 1930.



1930

Founded by Wilhelm Dahle
on 1st April 1930

1988

Start of production in
Roedental on 65.000 sqm

2002

Dahle becomes part of the emco Group,
development of the first
ShredMATIC® Autofeed concept

1984

Production start of shredders

1990

Dahle launches the first
deskside shredder for 400 DM

Launch of the first 'top
secret' shredders with a
particle size of 1 x 4.7 mm

Dahle: Product quality since 1930 – Tradition, power and innovation!

Since 1930, Dahle products support your daily office work: from the very beginning, Dahle is a synonym for high innovative strength. We ease your work flow with our powerful products and our high quality demands. Dahle develops and produces. New technologies help to make Dahle products even more precise and more safe. Powerful, high-quality and durable products: That's our tradition.

**GERMAN
ENGINEERING**
BY DAHLE



2015

Launch of MHP technology – up to 40 % more powerful and remarkably quiet thanks to innovative cutting cylinders

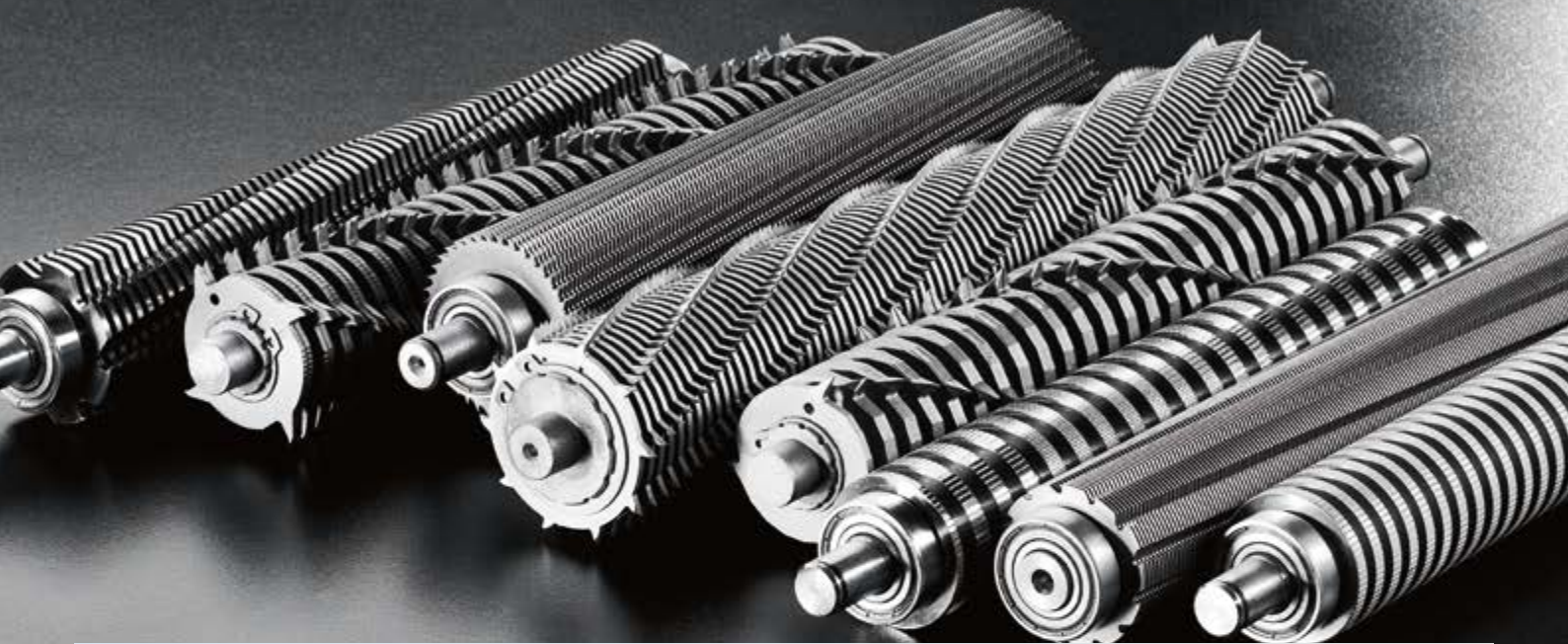
2010

Dahle CleanTEC® shredders are equipped with an automatic oiler and a fine dust filter

2018

ShredMATIC®
launch of the Autofeed shredder range

Technical features that make shredding an easy job



Why Dahle



Variety of models

Comprehensive selection of devices with volumes from 30 l to 190 l

DAHLE CleanTEC®

Unique DAHLE CleanTEC® filter system in the "air" devices

Electronic start and stop function

Automatic start-up thanks to integrated light barrier

Convenient automatic reverse function

The automatic reverse function ensures that jammed paper is removed from the cutting unit when the motor shuts down

Automatic motor shut down

The motor cuts out automatically in case of paper jam

Energy-saving

Automatic stop after 30 minutes of inactivity

Waste container

Separate CD feed and waste container for devices with CD / card shredding

Extras

10 strong waste bags
(5 waste bags included with VOLUME PRO)

We pay great attention to utmost quality of both material and workmanship to guarantee ready for use machines at any time. Dahle branded products are synonymous with longevity and reliability. That is why we are convinced from the quality of our products.

This is guaranteed for all our professional Dahle shredders and we give a 35 years' warranty on the cutting cylinders!



CleanTEC® fine dust filter:

- Fine dust particles picked up directly above the cutting cylinders
- Volume of particles in the room reduced by 98%

Drive chain (models bigger than 140l):

- Reliable, trouble-free transmission of power from the motor to the cutting cylinders

Cutting cylinders:

- Durable and trouble-free thanks to the steel cutting cylinders
- Dahle offers a 35-year guarantee



Motor protected from overheating:

- The device automatically switches off before overheating thanks to an integrated thermal switch
- Selected devices are also available for continuous mode

Wooden cabinet with casters:

- Robust and high-quality
- The timeless design blends perfectly into any office environment

Vibration damper:

- Our document shredders are some of the most quiet devices in the world thanks to the use of vibration dampers in combination with the wooden cabinet

Automatic oiler:

- Low-maintenance operation
- SECURITY devices with CleanTEC® are equipped with an automatic oiler

Please note:

- WASTE, WASTE PRO, OFFICE and PaperSAFE® devices are completely oil-free
- SECURITY devices without CleanTEC® are oiled manually



Protection against fine dust – **DAHLE CleanTEC®**

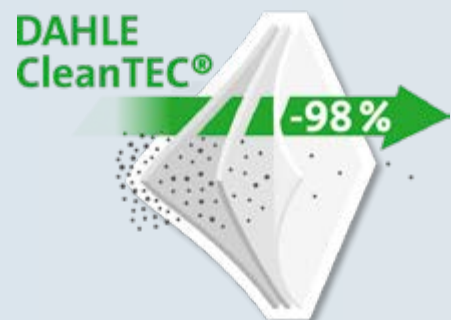


Fine dust poses a health risk not only in road traffic but also in the office. Photocopiers, laser printers and fax machines are known sources of fine dust – also document shredders produce particles which get into the lungs while breathing.

DAHLE CleanTEC® document shredders are equipped with an innovative fine dust filtration system: More than 98% of fine dust is collected directly at its point of origin – above the cutters – and fed through a closed system into the filter on the rear side of the shredder where it is permanently bound.

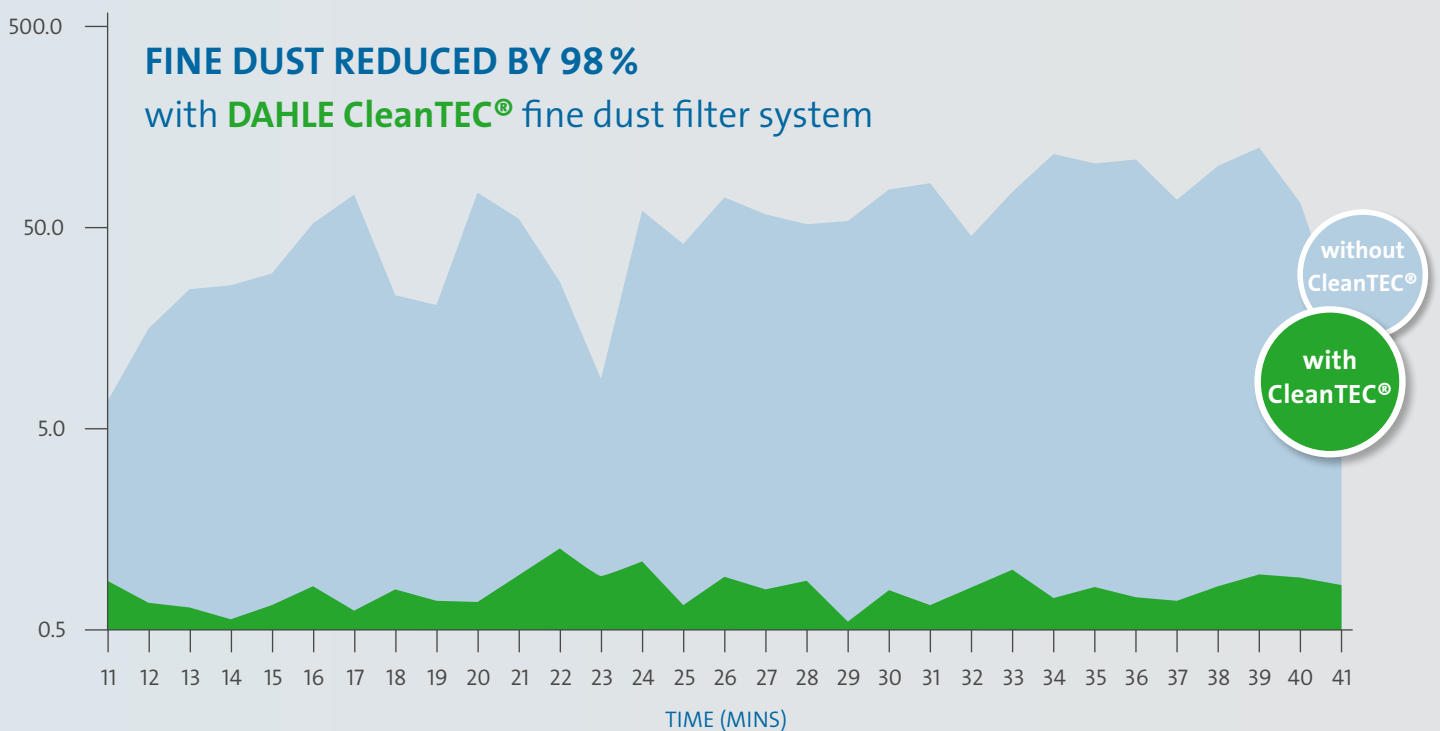
- Fine dust reduced by 98%
- Closed system: Particles do not enter the room air
- Effective against ultra-fine particles (< 100 nm)
- Innovative Freudenberg (global technology leader in filtration) filter system "Made in Germany"
- Halogen-free filter, can be disposed of in household waste

DAHLE CleanTEC® fine dust filters achieve a reduction of fine dust by 98% in the room air.





CONCENTRATION ($\mu\text{G}/\text{M}^3$)



Results of a measurement taken by the DMT testing institute for air hygiene on behalf of TÜV Nord (excerpt) using the example of a DAHLE 714air (CleanTEC®, 41534) and a DAHLE 714 (standard, 40514) (30x insertions of 10 sheets of paper during the measurement)

DIN 66399 for standardized data shredding



DIN 66399 (ISO/IEC 21964) standardizes the safety in data shredding.

Seven security levels are mainly defined by the produced particle sizes. The material classifications include the type of data carrier as well. The protection classes offer a three-level guidance system.

3 protection classes



Protection class 1: Normal protection requirements for internal data



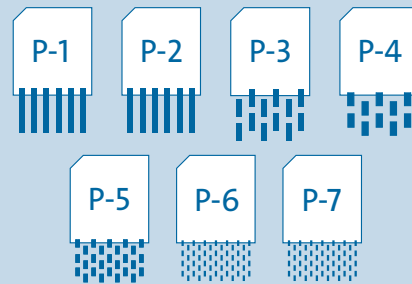
Protection class 2: High protection requirements for confidential data



Protection class 3: Very high protection requirements for especially confidential and secret data

Seven security levels

Each of the 7 security levels represents a certain size of particles into which the data is shredded. The bigger the quantity of particles, the higher the security.



6 material classifications

In addition to paper, DIN 66399 (ISO/IEC 21964) includes other data carriers which are classified accordingly:



P
Data representation in original size, e.g. paper, films, print forms



T
Data representation on magnetic data carriers, e.g. ID cards



F
Reduced data representation, e.g. micro-films, transparency



E
Data representation on electronic data carriers, e.g. chip cards



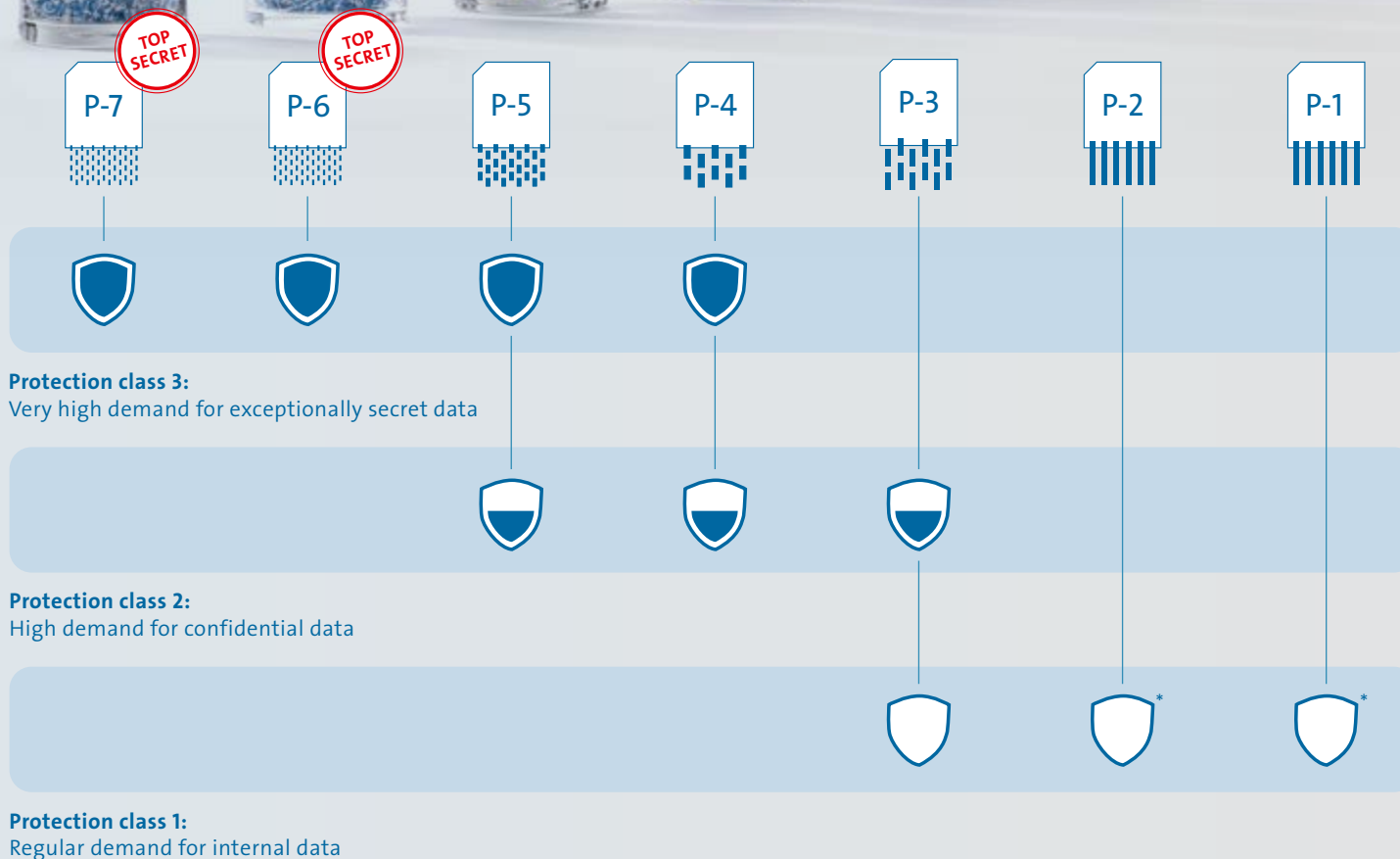
O
Data representation on optical data carriers, e.g. CDs/DVDs



H
Data representation on hard disks with magnetic data carriers

Further information: www.dahle-office.com/DIN66399

Protection classes and security levels



Utmost safety

Get more information on www.novus-dahle.com and download our Top Secret brochure.



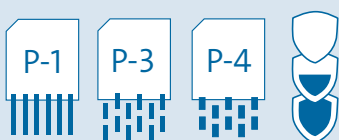
*For personal data, at least security level 3 is required.

Survey of DAHLE shredders

Besides tried and proven technologies, Dahle also places a focus on innovation and, with its own development team, is working on making its products even better by using new technologies: with engineering "Made in Germany", we grant a 35 years warranty on the cutting cylinders of our professional shredders.

Always the perfect combination between safety and performance – it's up to your individual requirements

PaperSAFE®



You want to shred your records directly at your desk?

PaperSAFE® shredders for individual use whether at home or in the office are exactly what you are looking for.

Products and details from page 10 onwards



ShredMATIC®



You collect your data over a longer period and shred all at the same time?

Our ShredMATIC® shredder series destroys complete piles of paper autonomously.

Products and details from page 14 onwards



Professional

You want to destroy your records in a safe manner – no matter whether directly at the desk, in the department or for even bigger user groups?

DESKSIDE



TEAM



DEPARTMENT



VOLUME PRO



Learn more on our Professional series on page 18 and find your new professional shredder in three easy steps.

Professional WASTE



Quick and efficient

Quick and efficient shredding of paper and data but no special safety against data recovery is required.

Products and details from page 20 onwards

Professional WASTE PRO

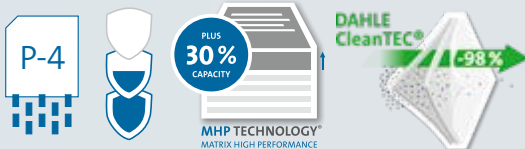


Safe and reliable with high performance

Shredders Waste Pro not only convince with efficient shredding but also with increased security (cross cut). Their high performance makes the Dahle machines particularly reliable and safe.

Product and details from page 22 onwards

Professional OFFICE

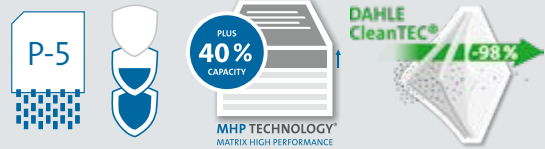


The safe combination for your office

Our Office shredders are optimised for the daily office use. They present the best combination between data security and high performance.

Products and details from page 24 onwards

Professional SECURITY



Particularly high protection against recovery

Dahle's Security shredders are the choice whenever particularly high protection against recovery is required.

Products and details from page 26 onwards



Utmost safety

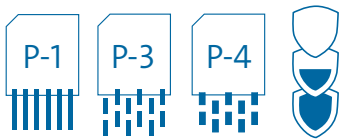
Get more information on www.novus-dahle.com and download our Top Secret brochure.





PaperSAFE®

For use in home office or small offices



- For any workspace with waste capacity from 9 to 32 l
- Broad range for individual safety requirements
- Quiet from 51 db (A)
- Oil- and maintenance free operation
- Intelligent convenience functions

22319

- Intelligent document shredder for desk-side use
- Oil- and maintenance free operation
- Electronic start-stop function by integrated light barrier
- Convenient automatic reverse function
- Convenient feeding and reversing function
- Automatic motor shut down
- Electronic fill level indicator
- Visual overload signal
- Energy-saving standby mode
- Convenient swivel casters
- Pull-out waste container
- Dimensions (H x W x D): 653 x 396 x 323 mm



22312

- Intelligent document shredder for desk-side use
- Oil- and maintenance free operation
- Integrated light barrier for automatic start and stop
- Convenient automatic reverse function
- Convenient feeding and reversing function
- Automatic motor shut down
- Electronic "bin full" indicator
- Energy-saving standby mode
- Two separate cutters and waste containers for paper, CDs, DVDs, cheque cards and credit cards
- Shredding CDs / DVDs: 3 strips each 4.0 cm wide
- Convenient swivel casters
- Pull-out waste container
- Dimensions (H x W x D): 535 x 370 x 280 mm



Product-name	Sheet capacity A4 80 gsm paper*	Sheet capacity A4 70 gsm paper*	Particle size in mm	Security levels	CDs/DVDs	Cards	Paper clips	db (A) when idle	Speed m/min	Net weight kg
22319	20	21	4.5 x 45.0	P-3 O-2 T-3 E-2	•	•	•	54	2.0	16.5
22312	15	17	4.3 x 37.0	P-4 F-1 T-4 E-3	•	•	•	53	2.0	10.9

2-year guarantee on functionality of the product if used in accordance with the manufacturer's instructions.

* Maximum number of sheets which can be cut in a single pass under the following conditions: New cutting cylinders (oiled if necessary), cold motor, power supply with nominal voltage and nominal frequency (230V/50Hz; 120V/60Hz). Non-conformances can lead to a lower sheet capacity and increased running noise. The sheet capacity may vary depending on paper properties and feed.

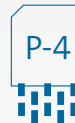
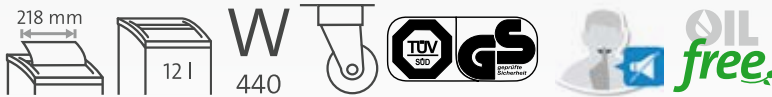
22114

- Intelligent document shredder for desk-side use
- Oil- and maintenance free operation
- Integrated light barrier for automatic start and stop
- Convenient automatic reverse function
- Convenient reversing function
- Automatic motor shut down
- Electronic "bin full" indicator
- Energy-saving standby mode
- Two separate cutters and waste containers for paper, CDs, DVDs, cheque cards and credit cards
- Shredding CDs / DVDs: 5 strips each 2.4 cm wide
- Convenient swivel casters
- Pull-out waste container
- Dimensions (H x W x D): 570 x 375 x 280 mm



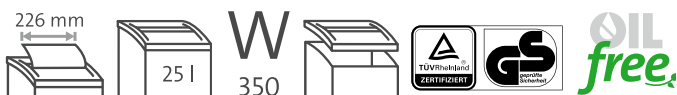
22092

- Compact document shredder for small and home offices
- Oil- and maintenance free operation
- Integrated light barrier for automatic start and stop
- Convenient reversing function
- Automatic motor shut down
- Energy-saving standby mode
- Two separate cutters and waste containers for paper, CDs, DVDs, cheque cards and credit cards
- Shredding CDs / DVDs: 4 strips each 3.0 cm wide
- Convenient swivel casters
- Pull-out waste container
- Dimensions (H x W x D): 425 x 320 x 195 mm



22084

- Compact document shredder for small and home offices
- Oil- and maintenance free operation
- Practical automatic start and stop function
- Convenient reversing function
- Automatic motor shut down
- Two separate cutters and waste containers for paper, CDs, DVDs, cheque cards and credit cards
- Shredding CDs / DVDs: 6 strips each 2.0 cm wide
- Removable top part
- Dimensions (H x W x D): 420 x 345 x 250 mm



Product-name	Sheet capacity A4 80 gsm paper*	Sheet capacity A4 70 gsm paper*	Particle size in mm	Security levels	CDs / DVDs	Cards	Paper clips	db (A) when idle	Speed m / min	Net weight kg
22114	10	12	4.0 x 36.0	P-4 T-4 E-3	•	•	•	51	2.5	11.7
22092	10	10	4.5 x 35.0	P-4 T-4 E-3	•	•	•	62	4.0	6.5
22084	8	10	4.0 x 45.0	P-3 T-3 E-2	•	•	•	68	6.0	6.3

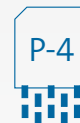
22022

- Compact document shredder for small and home offices
- Oil- and maintenance free operation
- Integrated light barrier for automatic start and stop
- Convenient reversing function
- Automatic motor shut down
- Practical waste level indicator through viewing window
- Energy-saving standby mode
- Removable top part
- Dimensions (H x W x D): 395 x 310 x 170 mm



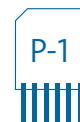
22017

- Compact document shredder for small and home offices
- Oil- and maintenance free operation
- Practical automatic start and stop function
- Convenient reversing function
- Automatic motor shut down
- Practical waste level indicator through viewing window
- Removable top part
- Dimensions (H x W x D): 335 x 310 x 150 mm



22016

- Compact document shredder for small and home offices
- Oil- and maintenance free operation
- Practical automatic start and stop function
- Convenient feeding and reversing function
- Removable top part
- Dimensions (H x W x D): 310 x 290 x 160 mm



Product-name	Sheet capacity A4 80 gsm paper*	Sheet capacity A4 70 gsm paper*	Particle size in mm	Security levels	Cards	Paper clips	db (A) when idle	Speed m/min	Net weight kg
22022	7	10	4.0 x 30.0	P-4 T-4 E-3	•	•	59	3.0	3.8
22017	5	7	4.0 x 40.0	P-4			61	5.0	3.7
22016	4	5	7.0	P-1			68	6.0	1.3

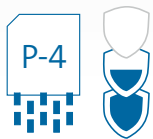
2-year guarantee on functionality of the product if used in accordance with the manufacturer's instructions.

* Maximum number of sheets which can be cut in a single pass under the following conditions: New cutting cylinders (oiled if necessary), cold motor, power supply with nominal voltage and nominal frequency (230V/50Hz; 120V/60Hz). Non-conformances can lead to a lower sheet capacity and increased running noise. The sheet capacity may vary depending on paper properties and feed.



ShredMATIC®

Convenient, time-saving automatic paper feed



- Efficient working by automatic paper feed instead of manual feeding of the data to be destroyed
- Shred up to 300 sheets automatically
- Fastest Autofeed shredder series on the market
- Oil- and maintenance free
- High security for destroying sensitive and confidential data by particularly small P-4 particles
- Low waste volume by particularly small P-4 particles
- Suitable for home office, single- and small offices
- Easy operation by comfortable operating panel

35080

- Intelligent shredder with automatic paper feed for desk use
- Oil- and maintenance free operation
- Integrated light barrier for automatic start-stop
- Convenient reverse function
- Automatic motor stop
- Automatic paper feed up to 80 sheets (80 gsm)
- Manual paper feed up to 8 sheets (80 gsm)
- Useful fill-level indicator by see-through panel
- Visual overload signal
- Pull-out waste container
- Dimensions (H x W x D) 502 x 331 x 218 mm



35120

- Intelligent shredder with automatic paper feed for desk use
- Oil- and maintenance free operation
- Integrated light barrier for automatic start-stop
- Convenient automatic reverse function
- Convenient forward and reverse function
- Automatic motor stop
- Automatic paper feed up to 120 sheets (80 gsm)
- Manual paper feed up to 9 sheets (80 gsm)
- Visual overload signal
- Pull-out waste container
- Separate CD-slot and waste container
- CDs/DVDs are shredded into 3 strips of 4.3cm
- Convenient swivel casters
- Dimensions (H x W x D) 585 x 376 x 280 mm



35314

- Intelligent shredder with automatic paper feed
- Oil- and maintenance free operation
- Integrated light barrier for automatic start-stop
- Convenient forward and reverse function
- Automatic motor stop
- Automatic paper feed up to 300 sheets (80 gsm)
- Manual paper feed up to 12-14 sheets (80 gsm)
- Visual overload signal
- Convenient automatic reverse function
- Pull-out waste container
- Convenient swivel casters
- Energy-saving stand-by operation
- Keylock paper feed compartement
- Dimensions (H x W x D) 642 x 432 x 355 mm



Product-name	Sheet capacity A4 80 gsm paper*	Sheet capacity A4 70 gsm paper*	Autofeed sheet capacity A4 80 gsm paper	Particle size in mm	Security levels	Cards	CDs/ DVDs	Paper clips	db (A) when idle	Speed m/ min	Net weight kg
35080	8	8	80	4.3 x 10	P-4 T-4 E-3	•	•	•	68	5	8.4
35120	9	9	120	3 x 9	P-4 F-2 T-5 E-4	•	•	•	62	2.4	14.7
35314	12-14	12-14	300	4 x 15	P-4 F-1 T-4 E-3 O-3	•	•	•	60	2.5	18.5

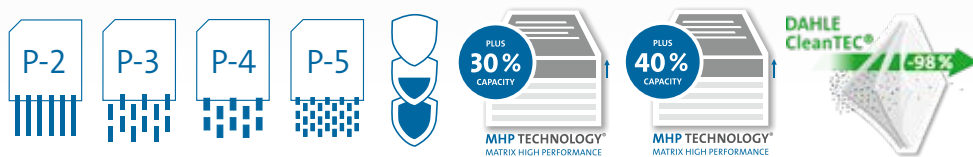
2-year guarantee on functionality of the product if used in accordance with the manufacturer's instructions.

* Maximum number of sheets which can be cut in a single pass under the following conditions: New cutting cylinders (oiled if necessary), cold motor, power supply with nominal voltage and nominal frequency (230V/50Hz; 120V/60Hz). Non-conformances can lead to a lower sheet capacity and increased running noise. The sheet capacity may vary depending on paper properties and feed.



Professional

Safety and performance always perfectly combined



- Comfortable, quiet working atmosphere by extremely quiet operation
- Precise shredding by high-quality cutting cylinders
- Eco-friendly waste separation by separate waste containers for paper, CDs, DVDs and Cards
- Easy operation by comfortable operating panel
- Dahle CleanTEC® – for fine dust reduced ambient air
- Low maintenance by oil-free operation (WASTE, WASTE PRO, OFFICE)

1-2-3-concept – Three easy steps to find your new professional shredder

Dahle has revolutionised choosing the right document shredder for you: taking you to the perfect document shredder in three easy steps.

1 The application

What will your new document shredder be used for?

Choose the optimal product category for your needs.



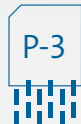
WASTE

Fast and efficient



OFFICE

Reliable, convenient and high-performance



WASTE PRO

Safe and powerful with increased waste volume



SECURITY

Exceptional protection against recovery

2 Protection against fine dust

The innovative **Dahle CleanTEC®** fine dust filter system trap hazardous fine dust where it is generated: for the good of your health.

DAHLE CleanTEC® fine dust filters achieve a reduction of fine dust by 98% in the room air. **More information on page 6.**



3 The place of use

Whether for your personal desk or the entire department – depending on the number of users and the frequency of usage, Dahle shredders are available in different sizes and power levels.



volume 30 l | 40 l

DEKSIDIE

for use directly at the desk



volume 60 l | 100 l

TEAM

for smaller user groups



volume 140 l | 160 l

DEPARTMENT

for the whole department



volume 190 l

VOLUME PRO

for large user groups

WASTE



Exemplary illustration

Fast and efficient

- Oil- and maintenance-free for comfortable and eco-friendly shredding
- Unique DAHLE CleanTEC® filter system for ambient air reduced by fine dust (air models)
- Energy-saving – automatic stop after 30 minutes of inactivity
- Extremely quiet operation
- Premium wooden cabinet
- Concise and convenient control panel
- Electronic start / stop function
- Convenient automatic reverse function
- Comfortable forward and reverse function
- Automatic motor stop
- High-quality cutters made of composite steel (35 years' warranty)
- Separate CD slot and waste container

	Product-name	Art. No.	Waste container volume in l	Max. entry width in mm	Sheet capacity A4 80 gsm paper*	Sheet capacity A4 70 gsm paper	Particle size in mm	Power consumption in watts
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WASTE, 6 mm standard document shredders

DESKSIDE		104	40206	40	240	16	19	5.8	350
TEAM		106	40306	60	260	22	27	5.8	650
		110	40406	100	260	23	29	5.8	650
DEPARTMENT		114	40506	140	310	35	43	5.8	900
		116	40606	160	400	36	45	5.8	1650
VOLUME PRO		119	20390	190	390	52	65	6	1900

WASTE, 6 mm CleanTEC® document shredders

DESKSIDE		104air	41206	40	240	16	19	5.8	350
TEAM		106air	41306	60	260	22	27	5.8	650
		110air	41406	100	260	23	29	5.8	650
DEPARTMENT		114air	41506	140	310	35	43	5.8	900
		116air	41606	160	400	36	45	5.8	1650

WASTE, 4 mm standard document shredders

DESKSIDE		203	40104	30	220	13	15	3.9	350
		204	40204	40	240	14	17	3.9	350
TEAM		206	40304	60	260	18	23	3.9	650
		210	40404	100	260	19	24	3.9	650
DEPARTMENT		214	40504	140	310	26	33	3.9	900
		216	40604	160	400	28	35	3.9	1650

WASTE, 4 mm CleanTEC® document shredders

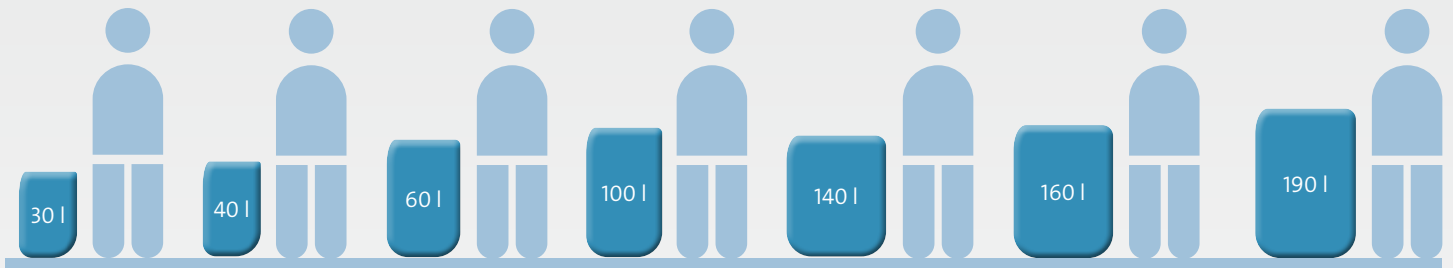
DESKSIDE		204air	41204	40	240	14	17	3.9	350
TEAM		206air	41304	60	260	18	23	3.9	650
		210air	41404	100	260	19	24	3.9	650
DEPARTMENT		214air	41504	140	310	26	33	3.9	900
		216air	41604	160	400	28	35	3.9	1650

FINE DUST FILTER	20710	Spare filter for document shredders with CleanTEC® features (contents: 1 piece)							
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The different sizes of our OFFICE document shredders in comparison:
waste collection volume from 30 to 190 litres



Security levels DIN 66399 (ISO/IEC 21964)	CDs/ DVDs	Cards	Paper clips	db (A) when idle	Speed m/min	Net weight in kg	Dimensions H x W x D mm	Waste bags
P-2 - O-2 T-2 E-2	•	•	•	47	6.0	25.0	705 x 430 x 350	20706
P-2 - O-2 T-2 E-2	•	•	•	47	4.0	43.0	865 x 545 x 435	20707
P-2 - O-2 T-2 E-2	•	•	•	51	4.4	45.0	944 x 545 x 435	20707
P-2 - O-2 T-2 E-2	•	•	•	46	4.5	64.0	890 x 734 x 511	20708
P-2 - O-2 T-2 E-2	•	•	•	50	6.0	92.0	960 x 734 x 511	20708
P-2 - O-2 T-2 E-2	•	•	•	60	4.0	150.0	1190 x 700 x 620	20751
P-2 - O-2 T-2 E-2	•	•	•	47	6.0	26.0	705 x 430 x 350	20706
P-2 - O-2 T-2 E-2	•	•	•	47	4.0	44.0	865 x 545 x 435	20707
P-2 - O-2 T-2 E-2	•	•	•	51	4.4	46.0	944 x 545 x 435	20707
P-2 - O-2 T-2 E-2	•	•	•	46	4.5	65.0	890 x 734 x 511	20708
P-2 - O-2 T-2 E-2	•	•	•	50	6.0	93.0	960 x 734 x 511	20708
P-2 - T-2 E-2		•	•	49	6.0	22.5	628 x 430 x 350	20706
P-2 - T-2 E-2		•	•	46	6.0	25.0	705 x 430 x 350	20706
P-2 - O-2 T-2 E-2	•	•	•	46	4.0	43.0	865 x 545 x 435	20707
P-2 - O-2 T-2 E-2	•	•	•	51	4.4	45.0	944 x 545 x 435	20707
P-2 - O-2 T-2 E-2	•	•	•	47	4.5	64.0	890 x 734 x 511	20708
P-2 - O-2 T-2 E-2	•	•	•	49	6.0	92.0	960 x 734 x 511	20708
P-2 - T-2 E-2		•	•	46	6.0	26.0	705 x 430 x 350	20706
P-2 - O-2 T-2 E-2	•	•	•	46	4.0	44.0	865 x 545 x 435	20707
P-2 - O-2 T-2 E-2	•	•	•	51	4.4	46.0	944 x 545 x 435	20707
P-2 - O-2 T-2 E-2	•	•	•	47	4.5	65.0	890 x 734 x 511	20708
P-2 - O-2 T-2 E-2	•	•	•	49	6.0	93.0	960 x 734 x 511	20708

2-year guarantee on functionality of the product if used in accordance with the manufacturer's instructions.

* Maximum number of sheets which can be cut in a single pass under the following conditions: New cutting cylinders (oiled if necessary), cold motor, power supply with nominal voltage and nominal frequency (230V/50Hz; 120V/60Hz). Non-conformances can lead to a lower sheet capacity and increased running noise. The sheet capacity may vary depending on paper properties and feed.

WASTE PRO



Exemplary illustration

Safe and powerful with increased waste volume

- Oil- and maintenance-free for comfortable and eco-friendly shredding
- Unique DAHLE CleanTEC® filter system for ambient air reduced by fine dust (air models)
- Energy-saving – automatic stop after 30 minutes of inactivity
- Extremely quiet operation
- Premium wooden cabinet
- Concise and convenient control panel
- Electronic start / stop function
- Convenient automatic reverse function
- Comfortable forward and reverse function
- Automatic motor stop
- High-quality cutters made of composite steel (35 years' warranty)
- Separate CD slot and waste container

	Product-name	Art. No.	Waste container volume in l	Max. entry width in mm	Sheet capacity A4 80 gsm paper*	Sheet capacity A4 70 gsm paper	Particle size in mm	Power consumption in watts
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WASTE PRO P-3, standard document shredders

TEAM		306	50310	60	260	18 - 20	19 - 21	5 x 50	650
		310	50410	100	260	18 - 20	19 - 21	5 x 50	650

WASTE PRO P-3, CleanTEC® document shredders

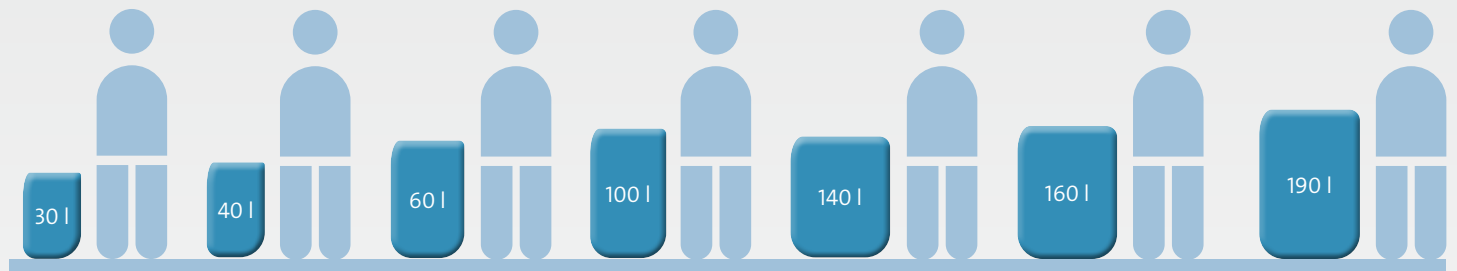
TEAM		306air	51310	60	260	18 - 20	19 - 21	5 x 50	650
		310air	51410	100	260	18 - 20	19 - 21	5 x 50	650

FINE DUST FILTER		20710	Spare filter for document shredders with CleanTEC® features (contents: 1 piece)						
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The different sizes of our OFFICE document shredders in comparison:
waste collection volume from 30 to 190 litres

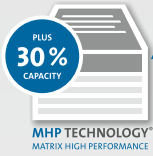


Security levels DIN 66399 (ISO/IEC 21964)	CDs/ DVDs	Cards	Paper clips	db (A) when idle	Speed m/min	Net weight in kg	Dimensions H x W x D mm	Waste bags
P-3 - 0-3 T-3 E-2	•	•	•	46	4.5	39	865x545x435	20707
P-3 - 0-3 T-3 E-2	•	•	•	52	4.5	41	865x545x435	20707
P-3 - 0-3 T-3 E-2	•	•	•	46	4.5	39,5	865x545x435	20707
P-3 - 0-3 T-3 E-2	•	•	•	52	4.5	41,5	865x545x435	20707

2-year guarantee on functionality of the product if used in accordance with the manufacturer's instructions.

* Maximum number of sheets which can be cut in a single pass under the following conditions: New cutting cylinders (oiled if necessary), cold motor, power supply with nominal voltage and nominal frequency (230V/50Hz; 120V/60Hz). Non-conformances can lead to a lower sheet capacity and increased running noise. The sheet capacity may vary depending on paper properties and feed.

OFFICE



The safe combination for your office

- Oil- and maintenance-free for comfortable and eco-friendly shredding
- Unique DAHLE CleanTEC® filter system for ambient air reduced by fine dust (air models)
- Energy-saving – automatic stop after 30 minutes of inactivity
- Extremely quiet operation
- Premium wooden cabinet
- Concise and convenient control panel
- Electronic start / stop function
- Convenient automatic reverse function
- Comfortable forward and reverse function
- Automatic motor stop
- High-quality cutters made of composite steel (35 years' warranty)
- Separate CD slot and waste container

Exemplary illustration

	Product-name	Art. No.	Waste container volume in l	Max. entry width in mm	Sheet capacity A4 80gsm paper*	Sheet capacity A4 70gsm paper	Particle size in mm	Power consumption in watts
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OFFICE standard document shredders

DEKSID		403	50114	30	240	7 - 9	8 - 10	4 x 40	350
		404	50214	40	240	7 - 9	8 - 10	4 x 40	350
TEAM		406	50314	60	260	15 - 17	17 - 19	4 x 40	650
		410	50414	100	260	15 - 17	17 - 19	4 x 40	650
		410 L plus	50464	100	310	24 - 26	25 - 27	4 x 40	900
DEPARTMENT		414	50514	140	310	24 - 26	25 - 27	4 x 40	900
		416	50564	160	400	18 - 20	19 - 21	4 x 40	900
VOLUME PRO		419	20396	190	390	32	40	3.9 x 40	1900

OFFICE CleanTEC® document shredders

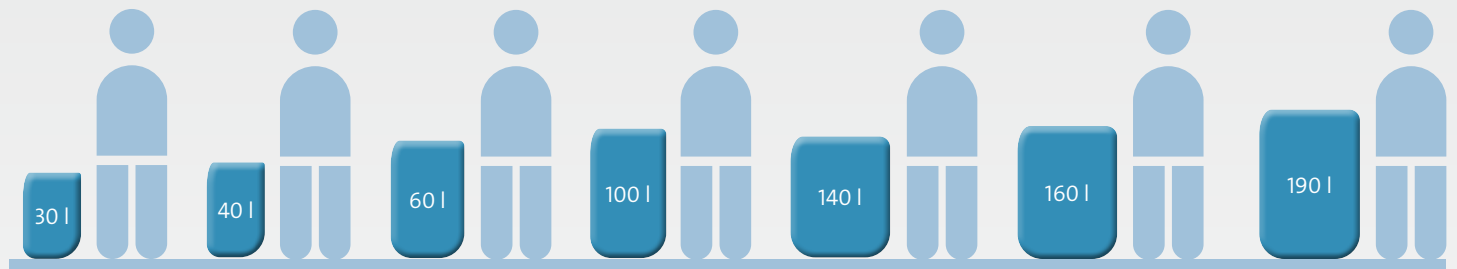
DEKSID		404air	51214	40	240	7 - 9	8 - 10	4 x 40	350
		406air	51314	60	260	15 - 17	17 - 19	4 x 40	650
TEAM		410air	51414	100	260	15 - 17	17 - 19	4 x 40	650
		410air L plus	51464	100	310	24 - 26	25 - 27	4 x 40	900
		414air	51514	140	310	24 - 26	25 - 27	4 x 40	900
DEPARTMENT		416air	51564	160	400	18 - 20	19 - 21	4 x 40	900

FINE DUST FILTER	20710	Spare filter for document shredders with CleanTEC® features (contents: 1 piece)							
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The different sizes of our OFFICE document shredders in comparison:
waste collection volume from 30 to 190 litres



Security levels DIN 66399 (ISO/IEC 21964)	CDs/ DVDs	Cards	Paper clips	db (A) when idle	Speed m / min	Net weight in kg	Dimensions H x W x D mm	Waste bags
P-4 F-1 - T-4 E-3		•	•	44	6.5	23.0	628 x 430 x 350	20706
P-4 F-1 - T-4 E-3		•	•	46	6.5	25.0	705 x 430 x 350	20706
P-4 F-1 O-3 T-4 E-3	•	•	•	46	4.5	43.0	865 x 545 x 435	20707
P-4 F-1 O-3 T-4 E-3	•	•	•	52	4.5	45.0	944 x 545 x 435	20707
P-4 F-1 O-3 T-4 E-3	•	•	•	52	4.7	54.5	944 x 545 x 435	20707
P-4 F-1 O-3 T-4 E-3	•	•	•	52	4.7	64.0	890 x 734 x 511	20708
P-4 F-1 O-3 T-4 E-3	•	•	•	52	5.7	68.5	960 x 734 x 511	20708
P-4 F-1 O-3 T-4 E-3	•	•	•	64	4.0	152.0	1190 x 700 x 620	20751
P-4 F-1 - T-4 E-3		•	•	46	6.5	25.5	705 x 430 x 350	20706
P-4 F-1 O-3 T-4 E-3	•	•	•	46	4.5	43.5	865 x 545 x 435	20707
P-4 F-1 O-3 T-4 E-3	•	•	•	52	4.5	45.5	944 x 545 x 435	20707
P-4 F-1 O-3 T-4 E-3	•	•	•	52	4.7	55.0	944 x 545 x 435	20707
P-4 F-1 O-3 T-4 E-3	•	•	•	52	4.7	64.5	890 x 734 x 511	20708
P-4 F-1 O-3 T-4 E-3	•	•	•	52	5.7	69.0	960 x 734 x 511	20708

2-year guarantee on functionality of the product if used in accordance with the manufacturer's instructions.

* Maximum number of sheets which can be cut in a single pass under the following conditions: New cutting cylinders (oiled if necessary), cold motor, power supply with nominal voltage and nominal frequency (230V/50Hz; 120V/60Hz). Non-conformances can lead to a lower sheet capacity and increased running noise. The sheet capacity may vary depending on paper properties and feed.

SECURITY



Particularly high protection against recovery

- Maintenance-free for comfortable and eco-friendly shredding
- Unique DAHLE CleanTEC® filter system for ambient air reduced by fine dust (air models)
- Energy-saving – automatic stop after 30 minutes of inactivity
- Extremely quiet operation
- Premium wooden cabinet
- Concise and convenient control panel
- Electronic start/stop function
- Convenient automatic reverse function
- Comfortable forward and reverse function
- Automatic motor stop
- High-quality cutters made of composite steel (35-years' warranty)
- Separate CD slot and waste container



Exemplary illustration

	Product-name	Art No.	Waste container volume in l	Max. entry width in mm	Sheet capacity A4 80gsm paper*	Sheet capacity A4 70gsm paper	Particle size in mm	Power consumption in watts
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SECURITY standard document shredders

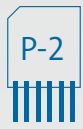
DESKSIDE		504	40222	40	240	5	6	2 x 15	350
TEAM		506	50322	60	260	11 - 13	12 - 14	2 x 15	650
		510	50422	100	260	11 - 13	12 - 14	2 x 15	650
		510 L plus	50472	100	310	17 - 19	18 - 20	2 x 15	900
DEPARTMENT		514	50522	140	310	17 - 19	18 - 20	2 x 15	900
		516	50572	160	400	13-15	14-16	2 x 15	900
VOLUME PRO		519	20392	190	390	23	29	2 x 15	1900

SECURITY CleanTEC® document shredders

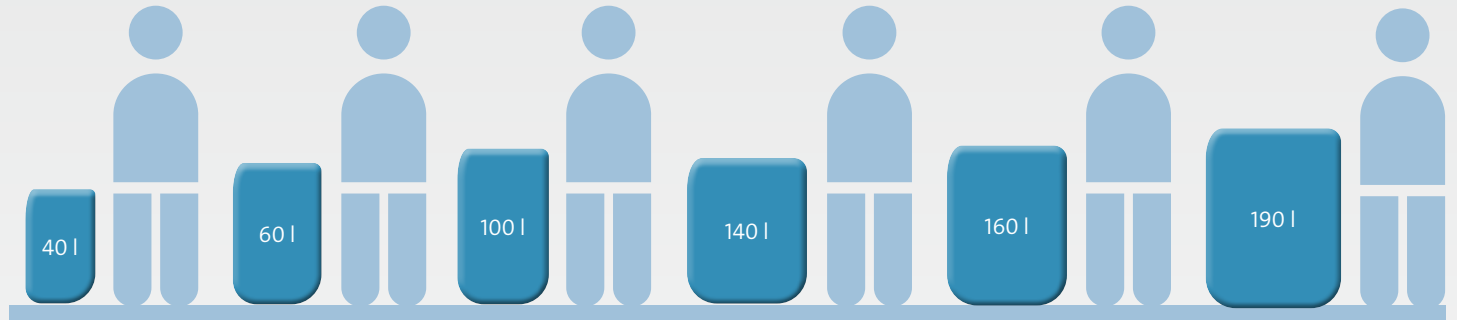
DESKSIDE		504air	41222	40	240	5	6	2 x 15	350
TEAM		506air	51322	60	260	11 - 13	12 - 14	2 x 15	650
		510air	51422	100	260	11 - 13	12 - 14	2 x 15	650
		510air L plus	51472	100	310	17 - 19	18 - 20	2 x 15	900
DEPARTMENT		514air	51522	140	310	17 - 19	18 - 20	2 x 15	900
		516air	51572	160	400	13-15	14-16	2 x 15	900

FINE DUST FILTER	20710	Spare filter for document shredders with CleanTEC® features (contents: 1 piece)							
DOCUMENT SHREDDER OIL	20790	250 ml							
	20793	400 ml							
	20791	5,000 ml							





The different sizes of our OFFICE document shredders in comparison:
waste collection volume from 40 to 190 litres



Security levels DIN 66399 (ISO/IEC 21964)	Auto- matic oiler	CDs/ DVDs	Cards	Paper clips	db (A) when idle	Speed m / min	Net weight in kg	Dimensions H x W x D mm	Waste bags
P-5 F-2 - T-5 E-4			•	•	47	6.0	25.0	705 x 430 x 350	20706
P-5 F-2 - T-5 E-4			•	•	46	4.4	44.0	865 x 545 x 435	20707
P-5 F-2 - T-5 E-4			•	•	53	4.4	46.0	944 x 545 x 435	20707
P-5 F-2 O-4 T-5 E-4		•	•	•	53	4.8	59.0	944 x 545 x 435	20707
P-5 F-2 O-4 T-5 E-4		•	•	•	53	4.8	68.5	890 x 734 x 511	20708
P-5 F-2 O-4 T-5 E-4		•	•	•	53	5.6	75.0	960 x 734 x 511	20708
P-5 F-2 O-4 T-5 E-4		•	•	•	60	4.0	153.0	1190 x 700 x 620	20751
P-5 F-2 - T-5 E-4	•		•	•	47	6.0	26.0	705 x 430 x 350	20706
P-5 F-2 - T-5 E-4	•		•	•	46	4.4	45.0	865 x 545 x 435	20707
P-5 F-2 - T-5 E-4	•		•	•	53	4.4	47.0	944 x 545 x 435	20707
P-5 F-2 O-4 T-5 E-4	•	•	•	•	53	4.8	60.0	944 x 545 x 435	20707
P-5 F-2 O-4 T-5 E-4	•	•	•	•	53	4.8	69.5	890 x 734 x 511	20708
P-5 F-2 O-4 T-5 E-4	•	•	•	•	53	5.6	76.0	960 x 734 x 511	20708

2-year guarantee on functionality of the product if used in accordance with the manufacturer's instructions.

* Maximum number of sheets which can be cut in a single pass under the following conditions: New cutting cylinders (oiled if necessary), cold motor, power supply with nominal voltage and nominal frequency (230V/50Hz; 120V/60Hz). Non-conformances can lead to a lower sheet capacity and increased running noise. Sheets are fed at 90° either portrait or landscape. The sheet capacity may vary depending on paper properties and feed.

See for yourself: Safe and efficient

By means of the shown containers (0.5l volume) you can see the respective waste volume of three shredded DIN A4 pages.

Besides efficiency, Dahle offers highest security as well, as you can see from the specifications of the respective strip- or cross cut particles that arise per shredded DIN A4 page.



WASTE
6 mm
Strip cut

35
Strips











WASTE
4 mm
Strip cut

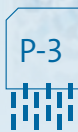
52
Strips

Volume of Waste

Maximum capacity of the waste container in sheets

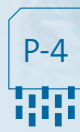
		Product name Art. No.	CleanTEC® version (Art. No.)	Sheet capacity A4 80 gsm paper*	Volume litres	Approx. shredding capacity, sheets / container*
WASTE, 6 mm						
DESKSIDE		104 (40206)	104air (41206)	16	40	200
TEAM		106 (40306)	106air (41306)	22	60	260
		110 (40406)	110air (41406)	23	100	440
DEPARTMENT		114 (40506)	114air (41506)	35	140	980
		116 (40606)	116air (41606)	36	160	1100
VOLUME PRO		119 (20390)		52	190	1300
WASTE, 4 mm						
DESKSIDE		203 (40104)		13	30	140
		204 (40204)	204air (41204)	14	40	210
TEAM		206 (40304)	206air (41304)	18	60	450
		210 (40404)	210air (41404)	19	100	470
DEPARTMENT		214 (40504)	214air (41504)	26	140	850
		216 (40604)	216air (41604)	28	160	1000
WASTE PRO						
DEPARTMENT		306 (50310)	306air (51310)	18 - 20	60	1080
		310 (50410)	310air (51410)	18 - 20	100	1800

The above presentation of the waste volumes is based on tests with selected models used with standard 80 gsm copy paper and is dependent on different parameters like paper quality and composition and shows three shredded DIN A4 pages in a container with a volume of 0.5l by way of example. The stated data and performance are meant to give a rough general guidance for the selection of your shredder.



WASTE PRO
5 x 50 mm
Particle cut

250
Particles



OFFICE
4 x 40 mm
Particle cut

390
Particles



SECURITY
2 x 15 mm
Particle cut

2.079
Particles

OFFICE

		Product name (Art. No.)	CleanTEC® version (Art. No.)	Sheet capacity A4 80gsm paper	Volume litres	Approx. shredding capacity, sheets / container*
DESKSIDE		403 (50114)		7 - 9	30	400
		404 (50214)	404air (51214)	7 - 9	40	520
TEAM		406 (50314)	406air (51314)	15 - 17	60	1200
		410 (50414)	410air (51414)	15 - 17	100	2000
		410 L plus (50464)	410air L plus (51464)	24 - 26	100	2500
DEPARTMENT		414 (50514)	414air (51514)	24 - 26	140	3500
		416 (50564)	416air (51564)	18 - 20	160	3700
VOLUME PRO		419 (20396)		32	190	4000

SECURITY

DESKSIDE		504 (40222)	504air (41222)	5	40	950
		506 (50322)	506air (51322)	11 - 13	60	1900
TEAM		510 (50422)	510air (51422)	11 - 13	100	3200
		510 L plus (50472)	510air L plus (51472)	17 - 19	100	3600
		514 (50522)	514air (51522)	17 - 19	140	4800
DEPARTMENT		516 (50572)	516air (51572)	16	160	3800
		519 (20392)		23	190	5400

* with full utilisation of the specified sheet capacity of 80 gsm DIN A4



Top Secret

Leading specialist



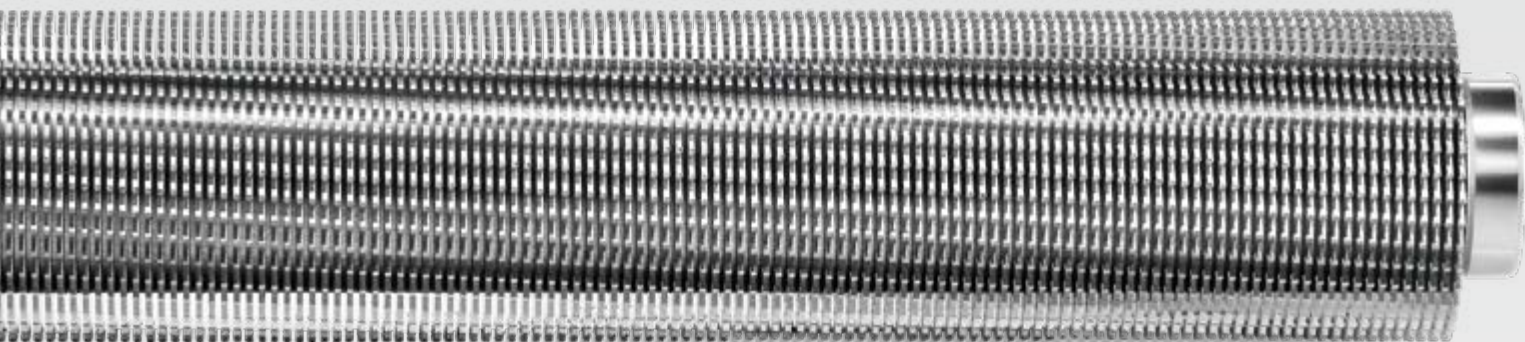
13.270 particles per sheet
with protection class P-7

With Dahle document shredders in security level P-7, one DIN A4 sheet is shredded into 13.270 particles. Reproduction of data is thus impossible according to the present state of knowledge and technology. The Dahle range includes 9 document shredders which meet these specifications and standards and are available in various sizes (40 – 190 litres). In addition, Dahle offers an equally large range of devices in security level P-6.



NSA approval for US authorities, military and security services

NSA approval for US authorities, military and security services: Data protection concerns must be observed in almost all sectors of business, administration and society. Dahle document shredders are officially listed and approved by the NSA.



German engineering: German products are known for reliability, durability and superior quality – enabled by decades of experience and expertise.



Double security

DAHLE Top Secret document shredders shred your data into unreproducible particles with maximum precision and security – and are jam-free and reliable at the same time

Security levels according to DIN 66399

The entire Top Secret range corresponds to security level P-6 and P-7 according to DIN 66399 (ISO/IEC 21964)

High-performance solid steel cutting cylinders

Efficient, precise and maintenance-free data shredding thanks to sophisticated technology and design of our cutting elements

5-year guarantee on the cutting cylinders

Dahle offers a 5-year guarantee on the cutting cylinders

Production of professional document shredders since 1984

An in-house research and development centre in Germany as well as production in Europe marks out Dahle as a competent and experienced manufacturer



Utmost safety

Get more information on www.novus-dahle.com and download our Top Secret brochure.



Living and working with Novus Dahle.

Novus Dahle does everything it can to make work as pleasant and relaxed as possible for people in offices. That's why we don't just limit ourselves to the development and production of office technology, but also think ahead.

On WorklifeExperts you can find out more about the most important topics relating to office work: www.novus-dahle.com



85500-12682 | EN 0120 | Technical specifications and design are approximations, subject to change without notice.

Novus Dahle GmbH
Breslauer Straße 34 - 38
DE-49808 Lingen (Ems)
Tel. +49 (0) 591 9140-0
Fax +49 (0) 591 9140-841
info@novus-dahle.com

www.novus-dahle.com

A company of the

