



DIN 66399

The Standard for top-security Storage of Information on Paper and modern Data Carriers.

For decades, the destruction of Data Carriers was governed by the standard DIN 32757-1:1995-01, which applied exclusively to paper. With the rapid spread of digital Data Carriers and growing demands for information security, a revision became necessary. The new DIN 66399 takes full account of the current situation, and will supersede the old data protection standard DIN 32757.

From conventional file shredding to the destruction of state-of-the-art data carriers, the intimus® product range has solutions for all

- “ 7 Security Levels and
- “ 3 Protection Categories
- “ 6 Material Classifications

DIN 66399 is structured as follows...

Part 1: Principles and Definitions







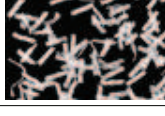
This part defines the relevant terms and specifies the protection categories and security levels.

Part 2: Requirements for Equipment for Destruction of Data Carriers

This part sets out the requirements for equipment used for the safe destruction of Data Carriers.

For more information please visit our website www.intimus.com

Class	Information Representation	for Material
P	<i>original Size</i>	Paper, Film, Printing Forms, etc.
F	<i>reduced</i>	Film/Foil, etc.
O	<i>on optical Data Carriers</i>	CDs/DVDs, etc.
T	<i>on magnetic Data Carriers</i>	Floppy Disks, ID Cards, Magnetic Cassettes, etc.
H	<i>on Hard Disks with magnetic Data Carriers</i>	Hard Disks
E	<i>on electronic Data Carriers</i>	Memory Sticks, Chip Cards, Semiconductor Hard Drives, Mobile Communication Media, etc.

DIN 66 399 Protection class [DIN 32757-1]	Overview of Class “P”: Information Representation <i>original Size</i> (Paper, Film, Printing Forms, etc.)	Particle sizes according to DIN 66 399
Classification of Data Carriers according to DIN 66 399 Destruction of Data Carrier in such a way ...		
P-1 1 [1]	... that the data on it can be reproduced without special tools or skills but not without a certain amount of time expenditure <i>Recommended e.g. for Data Carriers containing general data which needs to be rendered illegible</i>	 Material particle area max. 2,000 mm² or strip width max. 12.0 mm strip length unlimited
P-2 1 [2]	... that the data on it can be reproduced with tools and only with a certain degree of effort <i>Recommended e.g. for Data Carriers containing internal data which needs to be rendered illegible</i>	 Material particle area max. 800 mm² or strip width max. 6.0 mm strip length unlimited
P-3 1+2 [3]	... that the data on it can be reproduced only with considerable effort (personnel, tools, time) <i>Recommended e.g. for Data Carriers containing sensitive and confidential data</i>	 Material particle area max. 320 mm² or strip width max. 2.0 mm strip length unlimited
NEW P-4 2+3 [-]	...that the data on it can only be reproduced using non commercially available or specially designed devices <i>Recommended e.g. for Data Carriers containing highly sensitive and confidential data</i>	 Material particle area max. 160 mm² and for regular particles: max. strip width 6.0 mm
P-5 2+3 [4]	... that the data on it is unlikely to be reproduced given the current level of technology <i>Recommended e.g. for Data Carriers containing data which needs to be kept secret</i>	 Material particle area max. 30 mm² and for regular particles: max. strip width 2.0 mm
P-6 3 [5]	... that the data on it is impossible to reproduce given the current level of technology <i>Recommended e.g. for Data Carriers containing data which needs to be kept secret, if exceptionally high security standards are required</i>	 Material particle area max. 10 mm² and for regular particles: max. strip width 1.0 mm
NEW P-7 3 [-]	... that the data on it is impossible to reproduce given the current level of science and technology <i>Recommended for Data Carriers containing data which needs to be kept top secret, if maximum security standards are required</i>	 Material particle area max. 5 mm² and for regular particles: max. strip width 1.0 mm or suspension with particle area max. 5 mm² or reduced to ash with material particle area max. 5 mm²

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Hard Drive Shredders

The misconception that drills, hammers and freeware are suitable tools for deleting data from hard drives still holds on tenaciously. These methods are appropriate at the most for insensitive private data.

Hard Drive Shredders

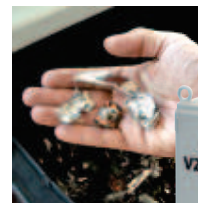
Hard drives are now standard equipment in every company, every government agency, and almost every household. They make it possible to process large amounts of data in a small space, to archive it and to reproduce it if necessary. So comfortable and enriching this is in everyday life, there's still a lot of ignorance with regard to proper deletion when storage media needs to be retired.

Companies must proceed with great care, not least because of legal requirements concerning the protection of personal data in the handling and disposal of discarded storage media. Those responsible must develop a comprehensive strategy to prevent the theft and misuse of data.



Degaussers

When degaussing, the storage media are flooded with a very strong magnetic field that far exceeds their own magnetic force, the coercivity of the hard disk. The short and strong pulse erases the data on the hard disk irrevocably. Degaussing is characterized above all by the simple operation and minimal space requirements, which also allows for its use in an office environment.



Hard Drive Shredders

In the intimus® hard drive shredders, the disks are broken into tiny parts. The powerful machines are fast and reliable. The product range includes machines for various applications and offers solutions up to and including security level H-5 according to DIN 66399. The shredding of the hard drive is a safe and economical destruction process, with the possibility of a simple and visual inspection of the successful destruction.

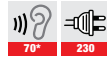
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W/D/H 117 x 72 x 142 cm

intimus VZ MultiMedia Office

- Office shredder for optical and magnetic media
- Clear, robust buttons for On / Off and Reverse
- Continuous manual material feed
- Specially hardened blades
- Maximum operator's safety
- Mounted on rollers for flexible use
- Lockable master switch
- All doors secured with safety switches



* at idle - during operation
80-85 db(A)



Model	Shred size		Working width mm	Security level DIN 66 399						Throughput kg/h ²	Shreds additionally ...				
	mm	l		P	F	O	T	H	E			HDD ¹			
VZ MultiMedia Office	18.5	88	150	-	-	1	2	4	2	up to 60	30	✓	✓	✓	✓

¹ referring to standard 3.5" HDD without server rack.

² depending on feed type, shredded material and voltage supply.
Values ascertained with new cutting system and 3.5" HDD.



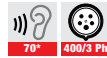
Optional Equipment	Art. No.
Waste bin 88 l / on trolley, Plastic grey	931 77



W/D/H 93 x 76 x 165 cm

intimus VZ MultiMedia 150

- High Performance shredder for optical and magnetic media
- Continuous manual material feed
- Clear, robust buttons for On / Off and Reverse
- Specially hardened blades
- Maximum operator's safety
- Mounted on rollers for flexible use
- Lockable master switch
- All doors secured with safety switches
- Shredded material collected in standard waste bin



* at idle - during operation
80-85 db(A)



Model	Shred size		Working width mm	Security level DIN 66 399						Throughput kg/h ²	Shreds additionally ...				
	mm	l		P	F	O	T	H	E			HDD ¹			
VZ MultiMedia 150	18.5	120	150	-	-	1	2	4	2	up to 180	90	✓	✓	✓	✓

¹ referring to standard 3.5" HDD without server rack.

² depending on feed type, shredded material and voltage supply.
Values ascertained with new cutting system and 3.5" HDD.



Optional Equipment	Art. No.
Waste bin 120 l, Plastic black	899 27



W/D/H 130 x 130 x 209/305 cm

intimus HDD Granulator

- Unique Hybrid Technology combining the benefits of shredding and disintegration
- Security level determined by screen mesh diameter
- 6 different screen diameters available
- Shreds HDD up to 5.25"
- Maximum operator's safety
- Solid sheet steel housing with removable waste bin
- Large feed hopper
- Shredded material collected in standard waste bin



* at idle - during operation
80-90 db(A)



Model	l	Shred size		Cutting zone size mm	Throughput with B60 h	Shreds additionally ...			
		mm	mm						
HDD Granulator	240	depending on screen size		380 x 500	<22 units 3.5" HDD	✓	✓	✓	✓

DIN 66 399 - by using the screen sizes

Type	P	F	O	T	H	E
D00	-	-	2	2	4	2
C40	-	-	3	3	5	2
C20	-	-	4	4	5	3
C00	-	-	4	4	5	3
B80	-	-	4	4	5	3
B60	-	-	5	5	5	4



Optional Equipment	Art. No.
Screen D00	918 94
Screen C0	908 45
Screen B80	908 44
Screen B60	908 43
Waste bin 240 l, Plastic black	881 77



intimus VZ Special 28/35 | 35/35 | 38/50
W/D/H 102 x 103/175 x 189/245 cm

intimus VZ Special 28/35 | 35/35 | 38/50

- Comfortable material feed via large feed hopper
- Shreds digital media, plastic or metal objects
- Clear, robust buttons for On / Off and Reverse
- Specially hardened blades
- Maximum operator's safety
- All doors secured with safety switches
- Lockable master switch
- Shredded material collected in standard waste bin



* at idle - during operation
82 db(A)



Model	l	Shred size		Cutting zone size mm	Security level DIN 66 399						Shreds additionally ...			
		mm	mm		P	F	O	T	H	E				
VZ Special 28/35	240	20	20	280 x 350	-	-	1	2	-	2	-	✓	✓	✓
VZ Special 35/35	240	20	20	350 x 350	-	-	1	2	-	2	-	✓	✓	✓
VZ Special 38/50	1,100	30	30	380 x 500	-	-	-	1	-	2	-	✓	✓	✓

= certain small format items – such as SSD – may go through the cutting mechanism undestroyed

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intimus VZ Special 38/50
W/D/H 243 x 150/233 x 250/310 cm



Optional Equipment	Art. No.
Waste bin 240 l, Plastic black	881 77
Extensive assortment of accessories available on request	