



## Spill pallets DENIOS pro-line, for up to 4 x 205 litre drums

With innovative leak indicator for even more safety and convenience in the legally compliant storage of hazardous substances

- Including sturdy grid with ergonomic handles for easier handling during visual inspection and cleaning
- Grid supports integrated in the spill pallet body for optimised loading

**INNOVATION**

**1**

HAZARDOUS MATERIAL STORAGE



**pro-line**  
by DENIOS



Storage capacity for 205 litre drums	2	4
Sump Volume	250	390
Overall load capacity [kg]	800	1600
External dimensions W x D x H [mm]	918 x 1314 x 400	1314 x 1349 x 400
Order number	265-674-JB	265-675-JB

ALLIANCE SUPPLIES SDN. BHD.

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## Stacking racks as dispensing stations for 60 and 200 litre drums

- For the storage of substances in all water hazard classes
- Sturdy, galvanised stacking rack with spill pallet in polyethylene (PE, highly resistant to many aggressive chemicals such as acids and alkalis)
- Safe dispensing over the protruding spill pallet
- With forklift pockets for easy handling
- Delivered flat packed for self assembly



Create your hazmat shelving / dispensing station from our modular system according to your individual operational requirements.

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### ORDER AT THE SAME TIME

Dispensing tray in steel,  
dimensions W x D x H  
(mm): 280 x 270 x 300



Order no. 114-543-JB

Dispensing tray in PE,  
dimensions W x D x H  
(mm): 270 x 270 x 300



Order no. 114-902-JB

Drum roller for horizontal  
drums



Order no. 114-542-JB

Drum tap with 2" thread



Order no. 117-105-JB

Brass drum tap 3/4"



Order no. 117-132-JB



Stacking shelves as dispensing stations - space-saving and secure, drums can not only be stored, but are ready for dispensing at any time.

Dispensing stations with steel spill pallet

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3



5

	1	2	3	4	5
<b>Storage capacity</b>	<b>60 litre drums</b>	<b>60 litre drums</b>	<b>205 litre drums</b>	<b>205 litre drums</b>	<b>205 litre drums</b>
Number	2	6	1	2	4
External dimensions W x D x H [mm]	1049 x 1245 x 837	1429 x 1235 x 1637	1049 x 1245 x 837	1429 x 1235 x 837	1429 x 1235 x 1637
Bay dimensions W x D [mm]	890 x 646	1270 x 646	890 x 646	1270 x 646	1270 x 646
Sump Volume [l]	240	295	240	295	295
Number of storage levels	1	2	1	1	2
Overall load capacity [kg]	435	1400	435	700	1400
Order number	291-779-JB	291-788-JB	291-777-JB	291-783-JB	291-786-JB

# Spill pallets DENIOS base-line, for 1 x 1000 litre IBC

- Includes storage mount in PE with protective edge to prevent IBC sliding off

Available immediately!



## SpillGuard® hazardous substance leak warning system

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- Edge to prevent IBC sliding off
- Integrated dispensing station with surface for small containers
- Stable design with wall thickness up to 8 mm
- Forklift pockets for pallet truck and forklift



Platforms can be bought individually upon request

Order no. 136-140-JB

### IBC

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**base-line**  
by DENIOS

Design	For storage	For storing and dispensing
Sump Volume [l]	1197	1250
Overall load capacity [kg]	2000	2000
External dimensions W x D x H [mm]	1380 x 1575 x 760	1380 x 1800 x 760
Order number	267-502-JB	267-503-JB

## Spill pallets DENIOS classic-line, for up to 2 x 1000 litre IBCs

- Stable storage surface for safe placement of IBCs

### ORDER AT THE SAME TIME

#### IBC dispensing tray with 2 legs

- As an extension for safe, clean, dispensing
- With practical area for putting lids, funnels or cloths



Order no. 236-741-JB



classic-line  
by DENIOS

NEW



IBC storage capacity	1	1	1	1	2	2
Sump Volume [l]	660	660	660	1100	1100	1100
Loading surface	galvanized	plastic	plastic pallets	plastic pallets	without	plastic pallets
Overall load capacity [kg]	1200	1200	1200	2000	4000	4000
External dimensions W x D x H [mm]	977 x 1380 x 910	977 x 1380 x 929	977 x 1380 x 1027	1430 x 1430 x 965	2260 x 1430 x 720	2260 x 1430 x 730
Order number	304-681-JB	304-679-JB	304-680-JB	148-303-JB	149-460-JB	149-461-JB
<b>Accessories</b>	height adjustable dispensing tray					
Order number	236-741-JB	236-741-JB	236-741-JB	236-741-JB	267-911-JB	267-911-JB

## Spill pallets DENIOS classic-line, for up to 3 x 1000 litre IBCs

Excellent price/performance ratio for nearly all requirements.

- With protected dispensing area if required



Protected dispensing area so any drips are safely collected in the spill pallet

General Construction Approval is required for all spill pallets in polyethylene. In order to obtain this, the safety of the spill pallet must be tested with a load 4 times their normal load capacity. This test is carried out by the German Institute for Civil Engineering (DIBt) in Berlin. Spill pallets from DENIOS have successfully passed this loading test.

**Up to  
16 t  
test load**

### Order at the same time

#### Dispensing tray for IBC spill pallets

Height adjustable dispensing tray for safe, clean dispensing operations at IBC stations, with practical space for lids, funnels, gloves and cloths for example



Order no. 236-741-JB

#### Extension tap for IBC

- Length (mm): 250



Order no. 117-254-JB

#### IBC lid opener

- In galvanised steel
- Available in 2 sizes



DN 150

Order no. 185-786-JB

DN 225

Order no. 185-787-JB



**SpillGuard<sup>®</sup> hazardous substance leak warning system**

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**classic-line**  
by DENIOS



Design	For storage					For storing and dispensing						
	1	1	1	1	1	1	2	2	2	3	3	3
Storage capacity for 1000 litre IBCs	1	1	1	1	1	1	2	2	2	3	3	3
Grid	without	galvanized	plastic	without	galvanized	plastic	without	galvanized	plastic	without	galvanized	plastic
Sump Volume [l]	1100	1100	1100	1100	1100	1100	1150	1150	1150	1750	1750	1750
Overall load capacity [kg]	2000	2000	2000	2000	2000	2000	4000	4000	4000	6000	6000	6000
External dimensions W x D x H [mm]	1280 x 1660 x 870	1280 x 1660 x 895	1280 x 1910 x 860	1280 x 1910 x 885	2460 x 1800 x 460	2460 x 1800 x 485	3640 x 1800 x 450	3640 x 1800 x 475				
Order number	267-588-JB	267-589-JB	267-590-JB	267-604-JB	267-605-JB	267-606-JB	267-609-JB	267-611-JB	267-613-JB	267-614-JB	267-615-JB	267-616-JB

# Spill pallets DENIOS pro-line, for up to 2 IBCs

Increased awareness when loading and transporting with reflectors in warning colours.



The front section of the 3-part grid can be quickly and easily removed to give access to the integral dispensing area.

For 1 IBC, for storing and dispensing - with integral dispensing area

**pro-line**  
by DENIOS



Storage capacity for 1000 litre IBCs	1	1
Grid	galvanized	plastic
Sump Volume [l]	1050	1050
Overall load capacity [kg]	2000	2000
External dimensions W x D x H [mm]	1370 x 1980 x 690	1370 x 1980 x 720
Order number	267-655-JB	267-657-JB

### ORDER AT THE SAME TIME

#### IBC lid opener

- Ring wrenches for conveniently opening IBC screw caps
- In galvanised steel
- Available in 2 sizes



DN 150

DN 225

Order no. 185-786-JB

Order no. 185-787-JB

#### Extension tap for IBC

- Length (mm): 250



Order no. 117-254-JB





**ORDER AT THE SAME TIME**

**SpillGuard® hazardous substance leak warning system**

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**INNOVATION**



SpillGuard®

Order no. 271-433-JB



SpillGuard® connect

Order no. 276-016-JB



For 2 IBCs, for storing - can be extended with IBC dispensing tray for dispensing



For storing 3 IBCs - can be extended with IBC dispensing tray for dispensing (see table)

**pro-line**  
by DENIOS



Storage capacity for 1000 litre IBCs	2	2	3	3
Grid	galvanized	plastic	galvanized	plastic
Sump Volume [l]	1050	1050	1500	1500
Overall load capacity [kg]	4000	4000	6000	6000
External dimensions W x D x H [mm]	2530 x 1320 x 580	2530 x 1320 x 610	3737 x 1402 x 486	3737 x 1402 x 517
Order number	267-658-JB	267-659-JB	267-182-JB	267-181-JB
Accessories	height adjustable dispensing tray		Dispensing tray for dispensing operations	
Order number	267-911-JB	267-911-JB	236-743-JB	236-743-JB

## Spillage decking elements DENIOS classic-line in PE, with an especially low height of 125 mm

Can be combined in many ways for the protection of larger areas. Designed for legally-compliant storage and for safety during filling and dispensing operations.

- All three elements are adapted to Euro or chemical pallet formats and have an anti-slip surface.
- Connecting elements to cover the transitions to all neighbouring elements are included in the scope of delivery, in sufficient quantity.
- Easy loading with containers thanks to particularly low overall height of 125 mm
- A practical access ramp with ergonomically optimised gradient (can also be used with a pallet truck) is optionally available.
- The easily removable shelf allows for quick and thorough cleaning.
- High impact and shock resistance as well as chemical resistance to acids, alkalis and other aggressive substances
- In environmentally friendly polyethylene (PE) - easy to handle thanks to low weight



Steel spillage decking elements are available for the storage of flammable liquids

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**classic-line**  
by DENIOS ■■



Sump Volume [l]	90	135	295
External dimensions W x D x H [mm]	800 x 1200 x 125	1200 x 1350 x 125	1200 x 2700 x 125
Maximum load [kg]	700	1200	3500
Wheel load [kg]	200	200	200
Order number	292-967-JB	292-968-JB	292-969-JB
Accessories	Access ramp in polyethylene (PE) for classic-line PE spillage decking element		
Wheel load [kg]	200	200	200
Body dimensions W x D x H [mm]	1000 x 1174 x 149	1000 x 1174 x 149	1000 x 1174 x 149
Order number	292-858-JB	292-858-JB	292-858-JB



ORDER AT THE SAME TIME

### SpillGuard® hazardous substance leak warning system

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**INNOVATION**



SpillGuard®

Order no. 271-433-JB



SpillGuard® connect

Order no. 276-016-JB

**NEW**

**1**

HAZARDOUS MATERIAL STORAGE



Quickly and easily removable surface



Positioning option for the SpillGuard® leakage warning system

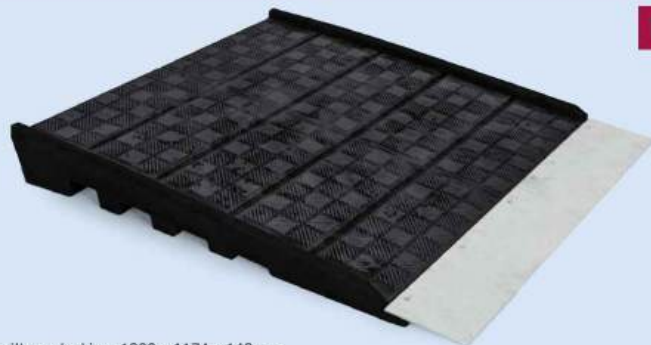
ORDER AT THE SAME TIME

### Ramp for spillage decking made of polyethylene (PE)

- Ergonomically optimised with particularly low angle of incline
- With anti-slip surface
- Raised edge areas help prevent sideways slips

Order no. 292-858-JB

**NEW**



Ramp for PE spillage decking, 1000 x 1174 x 149 mm

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# DENIOS MAGAZINE

## ALL YOU NEED TO KNOW ABOUT HAZMAT SHELVING

Hazmat shelving is designed for the storage of substances in all water hazard classes or flammable liquids in accordance with regulations. They have a spill pallet in steel or plastic and enable space-saving storage of hazardous substances in small containers, drums or IBCs. They can be extended as required by base and extension shelf units and can be individually adapted to the available storage space on site. We offer a wide range of shelving for the safe and economical storage of hazardous substances in your company.

- » GUIDES
- » ARTICLES
- » FAQ
- » INTERVIEWS
- » CHECKLISTS
- » VIDEOS
- » WHITEPAPERS
- » AND MUCH MORE!



[www.denios.co.uk/magazine](http://www.denios.co.uk/magazine)

### GUIDES

#### MEDIA RESISTANCE LIST

The corrosion resistance of the materials used to make the spill pallet and their compatibility with the substances stored must be demonstrated. Steel spill pallets (1.0038) can be used for many chemical substances. Plastic (polyethylene) spill pallets are frequently required if corrosive substances (acids / alkalis) are being stored. Stainless steel offers the best protection, especially against many aggressive liquids. If no specific information is provided in the resistance lists, your spill pallet can be made of the same material as your transport container.



[www.denios.co.uk/media-resistance](http://www.denios.co.uk/media-resistance)

### SPILLGUARD CONNECT®

#### SECURELY NETWORKED, INNOVATIVE, DIGITAL LEAK MANAGEMENT

Benefit from the advantages of digitalisation for your leak management 4.0: with the new, innovative SpillGuard® connect leak detector, you can monitor your spill pallets centrally via web app and are alerted in real time in the event of a leak.



[www.denios.co.uk/spillguard](http://www.denios.co.uk/spillguard)

### FAQ

#### ANYONE WHO HANDLES, USES OR "ONLY" STORES HAZARDOUS MATERIALS CANNOT AVOID IT

The risk assessment. It has been the central element in occupational safety and health for 25 years. In our FAQ we have compiled the answers to the most frequently asked questions on the subject of "risk assessment for hazardous materials".



[www.denios.co.uk/faq-risk-assessment](http://www.denios.co.uk/faq-risk-assessment)

### WHITEPAPER

#### ASSEMBLING STACKING RACKS IN COMPLIANCE WITH THE LAW AND USING THEM SAFELY

**A step-by-step guide incl. checklist for safe filling at the stacking rack**

This free DENIOS whitepaper contains:

- A guide to planning the stacking rack according to needs and in compliance with the law
- Useful installation tips



[www.denios.co.uk/whitepaper-stacking-racks](http://www.denios.co.uk/whitepaper-stacking-racks)



# HAZMAT RACKING



Deutsches Institut für Bautechnik

DIBt

## FOR SAFE AND SPACE-SAVING STORAGE OF HAZARDOUS MATERIALS IN SMALL CONTAINERS, DRUMS OR IBCS

### RACKING FOR SMALL CONTAINERS AND DRUMS WITH HAZARDOUS MATERIALS

Sturdy, galvanised steel racks for the storage of hazardous materials in small containers.

The storage levels are equipped with grid floors or shelves and a spill pallet made of steel or plastic. Hazardous materials racking is also available with a spill pallet on each storage level. For particularly aggressive chemicals, small container racks are also available in stainless steel.

Stacking racks offer a wide range of combination options for the horizontal storage of canisters, 60 and 200 litre drums and small containers, equipped with a protruding spill pallet made of steel or plastic for the safe storage and filling of hazardous substances. The various shelf designs are available in 2 sizes and can be stacked 3 times high. Stacking racks of the same size can be flexibly combined with each other, available as ready-made sets or individually assembled.



[www.denios.co.uk/small-container-shelving](http://www.denios.co.uk/small-container-shelving)



[www.denios.co.uk/drum-storage-racking](http://www.denios.co.uk/drum-storage-racking)

### HAZMAT PALLET RACKING

For compact storage of IBCs or upright drums on Euro- or chemical pallets on 2 or 3 storage levels. The sturdy, galvanised pallet racks with clearly visible orange crossbars have a high load capacity and are equipped with a steel or plastic spill pallet for the safe storage of hazardous materials.

### CONTAINMENT SHELVING

For existing pallet racking systems that are used as hazardous materials storage and are to be converted in compliance with regulations. Containment shelves can be placed on the floor under the shelving or suspended in the shelving. Made of steel or plastic, suitable for all common shelf widths.



[www.denios.co.uk/pallet-racking](http://www.denios.co.uk/pallet-racking)



[www.denios.co.uk/containment-shelving](http://www.denios.co.uk/containment-shelving)



## Hazardous materials small container shelving with 4 painted steel spill trays

Bay dimensions W x D [mm]	1000 x 400	1000 x 600	1300 x 400	1300 x 600
Equipment - shelves	4 x spill pallets, painted	4 x spill pallets, painted	4 x spill pallets, painted	4 x spill pallets, painted
<b>Basic shelf</b>				
External dimensions W x D x H [mm]	1060 x 437 x 2000	1060 x 637 x 2000	1360 x 437 x 2000	1360 x 637 x 2000
<b>Extension shelf</b>				
External dimensions W x D x H [mm]	1012 x 437 x 2000	1012 x 637 x 2000	1312 x 437 x 2000	1312 x 637 x 2000



## Hazardous materials small container shelving with 3 grids and painted steel spill pallet

Bay dimensions W x D [mm]	1000 x 400	1000 x 600	1300 x 400	1300 x 600
Equipment - shelves	3 x grid, galvanised	3 x grid, galvanised	3 x grid, galvanised	3 x grid, galvanised
<b>Basic shelf</b>				
External dimensions W x D x H [mm]	1060 x 437 x 2000	1060 x 637 x 2000	1360 x 437 x 2000	1360 x 637 x 2000
<b>Extension shelf</b>				
External dimensions W x D x H [mm]	1012 x 437 x 2000	1012 x 637 x 2000	1312 x 437 x 2000	1312 x 637 x 2000



## Hazardous materials small container shelving with 4 grids and steel floor spill pallet

Bay dimensions W x D [mm]	1000 x 400	1000 x 600	1300 x 400	1300 x 600
Equipment - shelves	4 x grid, galvanised	4 x grid, galvanised	4 x grid, galvanised	4 x grid, galvanised
<b>Basic shelf</b>				
External dimensions W x D x H [mm]	1156 x 526 x 2000	1156 x 726 x 2000	1456 x 526 x 2000	1456 x 726 x 2000
<b>Extension shelf</b>				
External dimensions W x D x H [mm]	1006 x 526 x 2000	1006 x 726 x 2000	1306 x 526 x 2000	1306 x 726 x 2000



## Hazardous materials small container shelving with 3 grids and plastic spill pallet

Bay dimensions W x D [mm]	1000 x 400	1000 x 600	1300 x 400	1300 x 600	1000 x 600	1300 x 600
Equipment - shelves	3 x grid, galvanised	3 x grid, galvanised	3 x grid, galvanised	3 x grid, galvanised	3 x grid, plastic	3 x grid, plastic
<b>Basic shelf</b>						
External dimensions W x D x H [mm]	1060 x 437 x 2000	1060 x 637 x 2000	1360 x 437 x 2000	1360 x 637 x 2000	1060 x 637 x 2000	1360 x 637 x 2000
<b>Extension shelf</b>						
External dimensions W x D x H [mm]	1012 x 437 x 2000	1012 x 637 x 2000	1312 x 437 x 2000	1312 x 637 x 2000	1012 x 637 x 2000	1312 x 637 x 2000



## Hazardous materials small container shelving with 4 plastic spill trays

Bay dimensions W x D [mm]	1000 x 400	1000 x 600	1300 x 400	1300 x 600
Equipment - shelves	4 x spill pallet, plastic	4 x spill pallet, plastic	4 x spill pallet, plastic	4 x spill pallet, plastic
<b>Basic shelf</b>				
External dimensions W x D x H [mm]	1060 x 437 x 2000	1060 x 637 x 2000	1360 x 437 x 2000	1360 x 637 x 2000
<b>Extension shelf</b>				
External dimensions W x D x H [mm]	1012 x 437 x 2000	1012 x 637 x 2000	1312 x 437 x 2000	1312 x 637 x 2000



## Hazardous materials small container shelving in stainless steel

Bay dimensions W x D [mm]	550 x 250	850 x 250	850 x 450	1150 x 250	1150 x 450
Equipment - shelves	3 x perforated plate, stainless steel	3 x perforated plate, stainless steel	3 x perforated plate, stainless steel	3 x perforated plate, stainless steel	3 x perforated plate, stainless steel
<b>Basic shelf</b>					
External dimensions W x D x H [mm]	600 x 300 x 1800	900 x 300 x 1800	900 x 500 x 1800	1200 x 300 x 1800	1200 x 500 x 1800
<b>Extension shelf</b>					
External dimensions W x D x H [mm]	575 x 300 x 1800	875 x 300 x 1800	875 x 500 x 1800	1175 x 300 x 1800	1175 x 500 x 1800



## Hazardous materials small container shelving for safety when dispensing

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Bay dimensions W x D [mm]	1000 x 600	1000 x 600	1000 x 600	1000 x 600
Equipment - shelves	4 x grid, galvanised	8 x grid, galvanised	4 x shelf, galvanised	8 x shelf, galvanised
<b>Spill pallet: Galvanised</b>				
External dimensions W x D x H [mm]	1236 x 816 x 2100	2470 x 816 x 2100	1236 x 816 x 2100	2470 x 816 x 2100
<b>Spill pallet: painted</b>				
External dimensions W x D x H [mm]	1236 x 816 x 2100	2470 x 816 x 2100	1236 x 816 x 2100	2470 x 816 x 2100

## Stacking racks for safe storing and dispensing of hazardous substances

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Bay dimensions W x D [mm]	890 x 646	890 x 646	890 x 646	880 x 1115	1270 x 646	1270 x 646	1270 x 646	1220 x 1115
Storage capacity	30 litre canister	60 litre drums	205 litre drums	Small container	30 litre canister	60 litre drums	205 litre drums	Small container
Number	3	2	1	–	4	3	2	–
Equipment - shelf	Canister support	Drum supports	Drum supports	Grid	Canister support	Drum supports	Drum supports	Grid
External dimensions W x D x H [mm]	1049 x 682 x 837	1049 x 682 x 837	1049 x 682 x 837	1049 x 1130 x 837	1429 x 682 x 837	1429 x 682 x 837	1429 x 682 x 837	1429 x 1130 x 837

## Hazardous materials pallet racking with frame depth 1100 mm, with steel spill pallet

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Bay dimensions W x D [mm]	1825 x 1100	1825 x 1100	2700 x 1100	2700 x 1100	3300 x 1100	3300 x 1100	
Number of storage levels		2	3	2	3	2	3
<b>Basic shelf</b>							
External dimensions W x D x H [mm]	2025 x 1300 x 2700	2025 x 1300 x 3800	2900 x 1300 x 2700	2900 x 1300 x 3800	3500 x 1300 x 2700	3500 x 1300 x 3800	
<b>Extension shelf</b>							
External dimensions W x D x H [mm]	1925 x 1300 x 2700	1925 x 1300 x 3800	2800 x 1300 x 2700	2800 x 1300 x 3800	3400 x 1300 x 2700	3400 x 1300 x 3800	

## Hazardous materials pallet racking with frame depth 1300 mm, with steel spill pallet as lowest storage level

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Bay dimensions W x D [mm]	1400 x 1300	2700 x 1300
Number of storage levels	2	2
<b>Basic shelf</b>		
External dimensions W x D x H [mm]	1600 x 1300 x 3300	2900 x 1300 x 3300
<b>Extension shelf</b>		
External dimensions W x D x H [mm]	1500 x 1300 x 3300	2800 x 1300 x 3300

All products for Hazmat shelving can be found here:



[www.denios.co.uk/kat/12759](http://www.denios.co.uk/kat/12759)



## Hazardous materials small container shelving with 4 painted steel spill trays

- 4 steel spill trays as shelves
- For the storage of liquids in all water-polluting classes
- Type-separated storage with spill tray at every storage level
- Galvanised frame
- Sturdy construction with reinforcing crossbars
- Shelving height can be adjusted in 25 mm increments
- Can be expanded at any time
- Delivered flat packed with instructions for easy self assembly



Detailed illustration: grids as storage surfaces

Hazardous materials small container rack with 4 painted spill trays, compartment dimensions (WxD) 1300 x 400 mm

All products for Hazmat shelving can be found here:



[www.denios.co.uk/kat/12759](http://www.denios.co.uk/kat/12759)



FALCON safety jugs



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**ORDER AT THE SAME TIME**

**Additional surface**



Hazardous materials small container rack with 4 painted spill trays, compartment dimensions (WxD) 1000 x 600 mm, basic shelf unit and extension shelf unit

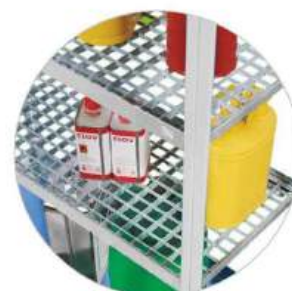
Bay dimensions W x D [mm]	1000 x 400	1000 x 600	1300 x 400	1300 x 600
Equipment - shelves	4 x spill pallets, painted	4 x spill pallets, painted	4 x spill pallets, painted	4 x spill pallets, painted
Load [kg]	200	200	200	200
Rack load [kg]	1000	1000	1000	1000
Containment volume [L]	4 x 24	4 x 36	4 x 31	4 x 47
<b>Basic shelf</b>				
External dimensions W x D x H [mm]	1060 x 437 x 2000	1060 x 637 x 2000	1360 x 437 x 2000	1360 x 637 x 2000
Order number	199-566-JB	199-564-JB	199-570-JB	199-574-JB
<b>Extension shelf</b>				
External dimensions W x D x H [mm]	1012 x 437 x 2000	1012 x 637 x 2000	1312 x 437 x 2000	1312 x 637 x 2000
Order number	199-567-JB	199-565-JB	199-571-JB	199-575-JB
<b>Accessories</b>				
	Additional surface	Additional surface	Additional surface	Additional surface
Order number	199-599-JB	199-597-JB	199-603-JB	199-605-JB

## Hazardous materials small container shelving with 3 grids and painted steel spill pallet

- 1 steel sump and 3 galvanised grid shelves as storage levels
- For storing flammable liquids
- Galvanised frame
- Sturdy construction with reinforcing crossbars
- Shelving height can be adjusted in 25 mm increments
- Can be expanded at any time
- Delivered flat packed with instructions for easy self assembly
- All racking is galvanised for optimum corrosion protection



Hazardous materials small container rack with 3 grids and painted spill pallet, compartment dimensions (WxD) 1300 x 400 mm, basic shelf unit and extension shelf unit



Detailed illustration: grids as storage surfaces



Hazardous materials small container rack with 3 grids and painted spill pallet, compartment dimensions (WxD) 1000 x 600 mm

Order no. 199-560-JB

Bay dimensions W x D [mm]	1000 x 400	1000 x 600	1300 x 400	1300 x 600
Equipment - shelves	3 x grid, galvanised	3 x grid, galvanised	3 x grid, galvanised	3 x grid, galvanised
Equipment - lower shelf	1 x spill pallet, painted	1 x spill pallet, painted	1 x spill pallet, painted	1 x spill pallet, painted
Load [kg]	200	200	200	200
Rack load [kg]	1000	1000	1000	1000
Sump Volume [l]	24	36	31	47
<b>Basic shelf</b>				
External dimensions W x D x H [mm]	1060 x 437 x 2000	1060 x 637 x 2000	1360 x 437 x 2000	1360 x 637 x 2000
Order number	199-562-JB	199-560-JB	199-568-JB	199-572-JB
<b>Extension shelf</b>				
External dimensions W x D x H [mm]	1012 x 437 x 2000	1012 x 637 x 2000	1312 x 437 x 2000	1312 x 637 x 2000
Order number	199-563-JB	199-561-JB	199-569-JB	199-573-JB
<b>Accessories</b>				
Order number	199-598-JB	199-596-JB	199-602-JB	199-604-JB

## Hazardous materials small container shelving with 4 grids and steel floor spill pallet

- 1 floor spill pallet manufactured from galvanised steel and 4 galvanised grids
- For storing flammable liquids
- Galvanised frame
- Sturdy construction with reinforcing crossbars
- Shelving height can be adjusted in 25 mm increments
- Can be expanded at any time
- Delivered flat packed with instructions for easy self assembly
- All racking is galvanised for optimum corrosion protection



Hazardous materials small container rack with 4 grids and steel floor spill pallet, compartment dimensions (WxD) 1000 x 600 mm

Order no. 199-716-JB



Hazardous materials small container rack with 4 grids and steel floor spill pallet, compartment dimensions (WxD) 1300 x 600 mm

Order no. 199-720-JB



Hazardous materials small container rack with 4 grids and steel floor spill pallet, compartment dimensions (WxD) 1000 x 400 mm, basic shelf unit and extension shelf unit

Bay dimensions W x D [mm]	1000 x 400	1000 x 600	1300 x 400	1300 x 600
Equipment - shelves	4 x grid, galvanised	4 x grid, galvanised	4 x grid, galvanised	4 x grid, galvanised
Equipment - lower shelf	1 x spill pallet, galvanised	1 x spill pallet, galvanised	1 x spill pallet, galvanised	1 x spill pallet, galvanised
Load [kg]	200	200	200	200
Rack load [kg]	1000	1000	1000	1000
Sump Volume [l]	39	54	50	70
<b>Basic shelf</b>				
External dimensions W x D x H [mm]	1156 x 526 x 2000	1156 x 726 x 2000	1456 x 526 x 2000	1456 x 726 x 2000
Order number	199-714-JB	199-716-JB	199-718-JB	199-720-JB
<b>Extension shelf</b>				
External dimensions W x D x H [mm]	1006 x 526 x 2000	1006 x 726 x 2000	1306 x 526 x 2000	1306 x 726 x 2000
Order number	199-715-JB	199-717-JB	199-719-JB	199-721-JB
<b>Accessories</b>				
Order number	199-598-JB	199-596-JB	199-602-JB	199-604-JB

## Hazardous materials small container shelving with 3 grids and plastic spill pallet

- 1 polyethylene (PE) spill pallet and 3 grid shelves in PE or galvanised steel as storage levels
- For the storage of aggressive chemicals for example acids or alkali and substances in all water-polluting classes
- Galvanised frame
- Sturdy construction with reinforcing crossbars
- Shelving height can be adjusted in 25 mm increments
- Can be expanded at any time
- Delivered flat packed with instructions for easy self assembly
- All racking is galvanised for optimum corrosion protection



Hazardous materials small container rack with 3 grids and spill pallet in plastic, compartment dimensions (WxD) 1300 x 400 mm, basic shelf unit and extension shelf unit



Hazardous materials small container rack with 3 grids and spill pallet in plastic, compartment dimensions (WxD) 1000 x 600 mm

**Order no. 273-917-JB**

Bay dimensions W x D [mm]	1000 x 400	1000 x 600	1300 x 400	1300 x 600	1000 x 600	1300 x 600
Equipment - shelves	3 x grid, galvanised	3 x grid, galvanised	3 x grid, galvanised	3 x grid, galvanised	3 x grid, plastic	3 x grid, plastic
Equipment - lower shelf	1 x spill pallet, plastic	1 x spill pallet, plastic	1 x spill pallet, plastic	1 x spill pallet, plastic	1 x spill pallet, plastic	1 x spill pallet, plastic
Load [kg]	200	200	200	200	200	200
Rack load [kg]	1000	1000	1000	1000	1000	1000
Sump Volume [l]	26	40	33	52	40	52
<b>Basic shelf</b>						
External dimensions W x D x H [mm]	1060 x 437 x 2000	1060 x 637 x 2000	1360 x 437 x 2000	1360 x 637 x 2000	1060 x 637 x 2000	1360 x 637 x 2000
Order number	273-902-JB	273-917-JB	273-904-JB	273-919-JB	273-921-JB	273-923-JB
<b>Extension shelf</b>						
External dimensions W x D x H [mm]	1012 x 437 x 2000	1012 x 637 x 2000	1312 x 437 x 2000	1312 x 637 x 2000	1012 x 637 x 2000	1312 x 637 x 2000
Order number	273-903-JB	273-918-JB	273-905-JB	273-920-JB	273-922-JB	273-924-JB
<b>Accessories</b>						
Order number	199-598-JB	199-596-JB	199-602-JB	199-604-JB	199-600-JB	199-606-JB

## Hazardous materials small container shelving with 4 plastic spill trays

- 4 polyethylene (PE) spill trays as storage levels
- For the storage of aggressive chemicals for example acids or alkali and substances in all water-polluting classes
- Type-separated storage with spill tray at every storage level
- Galvanised frame
- Sturdy construction with reinforcing crossbars
- Shelving height can be adjusted in 25 mm increments
- Can be expanded at any time
- Delivered flat packed with instructions for easy self assembly
- All racking is galvanised for optimum corrosion protection

DIBt approved grid with leak indicator available as an option

See page  
**57**



Hazardous materials small container rack with 4 spill trays in plastic, compartment dimensions (WxD) 1300 x 600 mm

Order no. **273-927-JB**



Hazardous materials small container rack with 4 spill trays in plastic, compartment dimensions (WxD) 1300 x 600 mm

### ORDER AT THE SAME TIME



Spill tray in polyethylene (PE) as additional storage level

Bay dimensions W x D [mm]	1000 x 400	1000 x 600	1300 x 400	1300 x 600
Equipment - shelves	4 x spill pallet, plastic	4 x spill pallet, plastic	4 x spill pallet, plastic	4 x spill pallet, plastic
Load [kg]	200	200	200	200
Rack load [kg]	1000	1000	1000	1000
Containment volume [L]	4 x 26	4 x 40	4 x 33	4 x 52
<b>Basic shelf</b>				
External dimensions W x D x H [mm]	1060 x 437 x 2000	1060 x 637 x 2000	1360 x 437 x 2000	1360 x 637 x 2000
Order number	273-906-JB	273-925-JB	273-908-JB	273-927-JB
<b>Extension shelf</b>				
External dimensions W x D x H [mm]	1012 x 437 x 2000	1012 x 637 x 2000	1312 x 437 x 2000	1312 x 637 x 2000
Order number	273-907-JB	273-926-JB	273-909-JB	273-928-JB
<b>Accessories</b>				
Order number	273-910-JB	273-929-JB	273-911-JB	273-930-JB



## Hazardous materials small container shelving in stainless steel

- 1 spill pallet in stainless steel and 3 perforated stainless steel plates as storage surfaces
- For storing flammable liquids, aggressive chemicals and all classes of water-polluting substances
- Easy to clean and hygienic
- Quality product in stainless steel 1.4301
- High stability with bolted crosspiece
- With adjustable feet to be used on uneven floor surfaces
- Shelving height can be adjusted in 150 mm increments
- Can be expanded at any time
- Delivered flat packed with instructions for easy self assembly

Hazardous materials small container rack in stainless steel, compartment dimensions (WxD) 1150 x 450 mm

**Order no. 181-455-JB**



Hazardous materials small container rack in stainless steel, consisting of basic shelf unit, compartment dimensions (WxD) 550 x 250 mm, and extension shelf unit, compartment dimensions (WxD) 1150 x 250 mm



Hazardous materials small container rack in stainless steel, compartment dimensions (WxD) 1150 x 250 mm

**Order no. 181-453-JB**



Detailed illustration: perforated stainless steel shelf as storage surface

Bay dimensions W x D (mm)	550 x 250	850 x 250	850 x 450	1150 x 250	1150 x 450
Equipment - shelves	3 x perforated plate, stainless steel	3 x perforated plate, stainless steel	3 x perforated plate, stainless steel	3 x perforated plate, stainless steel	3 x perforated plate, stainless steel
Equipment - lower shelf	1 x spill pallet, stainless steel	1 x spill pallet, stainless steel	1 x spill pallet, stainless steel	1 x spill pallet, stainless steel	1 x spill pallet, stainless steel
Load [kg]	150	150	150	100	100
Rack load [kg]	1200	1200	1200	1200	1200
Sump Volume [l]	24	37	55	50	69
<b>Basic shelf</b>					
External dimensions W x D x H [mm]	600 x 300 x 1800	900 x 300 x 1800	900 x 500 x 1800	1200 x 300 x 1800	1200 x 500 x 1800
Order number	181-447-JB	181-449-JB	181-451-JB	181-453-JB	181-455-JB
<b>Extension shelf</b>					
External dimensions W x D x H [mm]	575 x 300 x 1800	875 x 300 x 1800	875 x 500 x 1800	1175 x 300 x 1800	1175 x 500 x 1800
Order number	181-448-JB	181-450-JB	181-452-JB	181-454-JB	181-456-JB
<b>Accessories</b>					
Order number	181-942-JB	181-943-JB	181-944-JB	181-945-JB	181-946-JB

## Hazardous materials small container shelving for safety when dispensing

- Overhanging spill pallet ensures safe dispensing
- Approved for storing flammable liquids (H224-226) and substances in all water hazard classes
- Galvanised frame
- Sturdy construction with reinforcing crossbars
- Shelving height can be adjusted in 25 mm increments
- 100 mm ground clearance for transport with a forklift and to avoid corrosion
- Delivered flat packed with instructions for easy self assembly
- All racking is galvanised for optimum corrosion protection



Hazardous materials small container rack for dispensing activities, with 8 grids, compartment dimensions (WxD) 1000 x 600 mm

Order no. 199-662-JB

### Shelves on every storage level



Hazardous materials small container rack for dispensing activities, with 4 shelves, compartment dimensions (WxD) 1000 x 600 mm, painted spill pallet

Order no. 199-663-JB

### Grids on every storage level



Hazardous materials small container rack for dispensing activities, with 4 grids, compartment dimensions (WxD) 1000 x 600 mm, galvanised spill pallet

Order no. 199-583-JB

Bay dimensions W x D [mm]	1000 x 600	1000 x 600	1000 x 600	1000 x 600
Equipment - shelves	4 x grid, galvanised	8 x grid, galvanised	4 x shelf, galvanised	8 x shelf, galvanised
Load [kg]	200	200	150	150
Rack load [kg]	800	800	800	800
Sump Volume [l]	235	280	235	280
External dimensions W x D x H [mm]	1236 x 816 x 2100	2470 x 816 x 2100	1236 x 816 x 2100	2470 x 816 x 2100
Order number Spill pallet: painted	199-661-JB	199-662-JB	199-663-JB	199-664-JB
Order number Spill pallet: Galvanised	199-583-JB	199-584-JB	199-585-JB	199-586-JB
<b>Accessories</b>	Additional surface	Additional surface	Additional surface	Additional surface
Order number	199-596-JB	199-596-JB	199-608-JB	199-608-JB

## Stacking racks for safe storing and dispensing of hazardous substances

- Sturdy, galvanised stacking shelf
- Can be stacked 3 high
- For the safe storing and dispensing of hazardous substances in conjunction with a spill pallet
- Spill pallet available in steel or plastic, grid optional
- Horizontal storage and dispensing for 60 and 205 litre drums, 20, 30 and 60 litre canisters, can also combine storage of small containers
- Practical modular system: various shelving designs and numerous combination options allow flexible adaptation to operational requirements
- Steel spill pallet: for the legally-complaint storage of substances in all water hazard classes and flammable liquids (H224-226)
- Plastic spill pallet: for the legally-complaint storage of substances in all water hazard classes, highly resistant to many aggressive chemicals such as acids and alkalis
- With forklift pockets for easy handling
- Delivered flat packed for self assembly

Create your hazmat shelving / dispensing station from our modular system according to your individual operational requirements.



### ORDER AT THE SAME TIME

Dispensing tray in steel,  
dimensions W x D x H  
(mm): 280 x 270 x 300



Order no. 114-543-JB

Dispensing tray in PE,  
dimensions W x D x H  
(mm): 270 x 270 x 300



Order no. 114-902-JB

Drum roller for horizontal  
drums



Order no. 114-542-JB

Drum tap with 2" thread



Order no. 117-105-JB

Brass drum tap 3/4"



Order no. 117-132-JB





Storage capacity	Small container	30 litre canister	60 litre drums	205 litre drums
Number	-	3	2	1
Equipment - shelf	Grid	Canister support	Drum supports	Drum supports
External dimensions W x D x H [mm]	1049 x 1130 x 837	1049 x 682 x 837	1049 x 682 x 837	1049 x 682 x 837
Bay dimensions W x D [mm]	880 x 1115	890 x 646	890 x 646	890 x 646
Overall load capacity [kg]	435	435	435	435
Order number	291-770-JB	291-771-JB	291-769-JB	291-768-JB



Suitable spill pallets	In plastic	In steel
External dimensions W x D x H [mm]	865 x 1245 x 350	1236 x 815 x 255
Sump Volume [l]	240	235
Order number	227-273-JB	259-302-JB
Suitable grids for spill pallets		
Grid material	Steel	Steel
Order number	291-763-JB	291-761-JB
Grid material	Plastic	-
Order number	291-762-JB	-



Storage capacity	Small container	30 litre canister	60 litre drums	205 litre drums
Number	-	4	3	2
Equipment - shelf	Grid	Canister support	Drum supports	Drum supports
External dimensions W x D x H [mm]	1429 x 1130 x 837	1429 x 682 x 837	1429 x 682 x 837	1429 x 682 x 837
Bay dimensions W x D [mm]	1220 x 1115	1270 x 646	1270 x 646	1270 x 646
Overall load capacity [kg]	700	700	700	700
Order number	291-774-JB	291-775-JB	291-773-JB	291-772-JB



Suitable spill pallets	In plastic	In steel	In steel
External dimensions W x D x H [mm]	1235 x 1235 x 275	1236 x 1210 x 190	1240 x 1210 x 330
Sump Volume [l]	295	265	485
Order number	216-659-JB	259-314-JB	259-322-JB
Suitable grids for spill pallets			
Grid material	Steel	Steel	Steel
Order number	291-767-JB	291-764-JB	291-765-JB
Grid material	Plastic	-	-
Order number	291-766-JB	-	-

## Stacking racks for safe storing and dispensing of hazardous substances

- Approved for the storage of materials in all water hazard classes and flammable liquids (H 224-226)
- Sturdy, galvanised stacking shelf with spill pallet in steel
- Safe dispensing over the protruding spill pallet
- With forklift pockets for easy handling
- Delivered flat packed for self assembly


**5**

**3**

**1**

**2**

**4**

	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>
<b>Storage capacity</b>	<b>Small container</b>	<b>30 litre canister</b>	<b>30 litre canister</b>	<b>60 litre drums</b>	<b>205 litre drums</b>
Number	–	3	4	3	4
Additional storage capacity	–	Small container	Small container	–	–
Equipment - shelves	2 x grid, galvanised	Canister support and grid	Canister support and grid	Drum supports	Drum supports
External dimensions W x D x H [mm]	1429 x 1210 x 837	1049 x 1236 x 1637	1429 x 1210 x 1637	1429 x 1210 x 837	1429 x 1210 x 1637
Bay dimensions W x D [mm]	1220 x 1115	890 x 1115	1220 x 1115	1270 x 646	1270 x 646
Sump Volume [l]	265	235	265	265	265
Number of storage levels	2	2	2	1	2
Overall load capacity [kg]	1400	870	1400	700	1400
Order number	291-789-JB	291-780-JB	291-791-JB	291-787-JB	291-784-JB

## Stacking racks for safe storing and dispensing of hazardous substances

- For the storage of substances in all water hazard classes
- Sturdy, galvanised stacking rack with spill pallet in polyethylene (PE, highly resistant to many aggressive chemicals such as acids and alkalis)
- Safe dispensing over the protruding spill pallet
- With forklift pockets for easy handling
- Delivered flat packed for self assembly



2



3



1



4



5

	1	2	3	4	5
<b>Storage capacity</b>	<b>Small container</b>	<b>30 litre canister</b>	<b>30 litre canister</b>	<b>60 litre drums</b>	<b>205 litre drums</b>
Number	–	3	4	6	4
Additional storage capacity	–	Small container	Small container	–	–
Equipment - shelves	2 x grid, galvanised	Canister support and grid	Canister support and grid	Drum supports	Drum supports
External dimensions W x D x H [mm]	1429 x 1235 x 837	1049 x 1245 x 1637	1429 x 1235 x 1637	1429 x 1235 x 1637	1429 x 1235 x 1637
Bay dimensions W x D [mm]	1220 x 1115	890 x 1115	1220 x 1115	1270 x 646	1270 x 646
Sump Volume [l]	295	240	295	295	295
Number of storage levels	2	2	2	2	2
Overall load capacity [kg]	1400	870	1400	1400	1400
Order number	291-790-JB	291-781-JB	291-792-JB	291-788-JB	291-786-JB

## Containment racking in plastic for storage

- For existing shelving systems, which are to be used for hazmat storage
- Approved containment racking for all standard bay widths
- Base spill pallet for setting under existing pallet racks
- For the storage of aggressive chemicals for example acids or alkali and substances in all water-polluting classes
- Manufactured from environmentally friendly polyethylene (PE)
- 100 mm clearance between base and floor for handling and loading with forklift trucks



Containment racking in plastic (PE) for placing under existing shelving systems, available in 6 dimensions.



The containment racking can easily be transported indoors using a forklift.

**Order no. 201-369-JB**



Spill tray in plastic (PE) for shelf widths of 2700 mm, containment volume 1000 litres

**Order no. 201-373-JB**



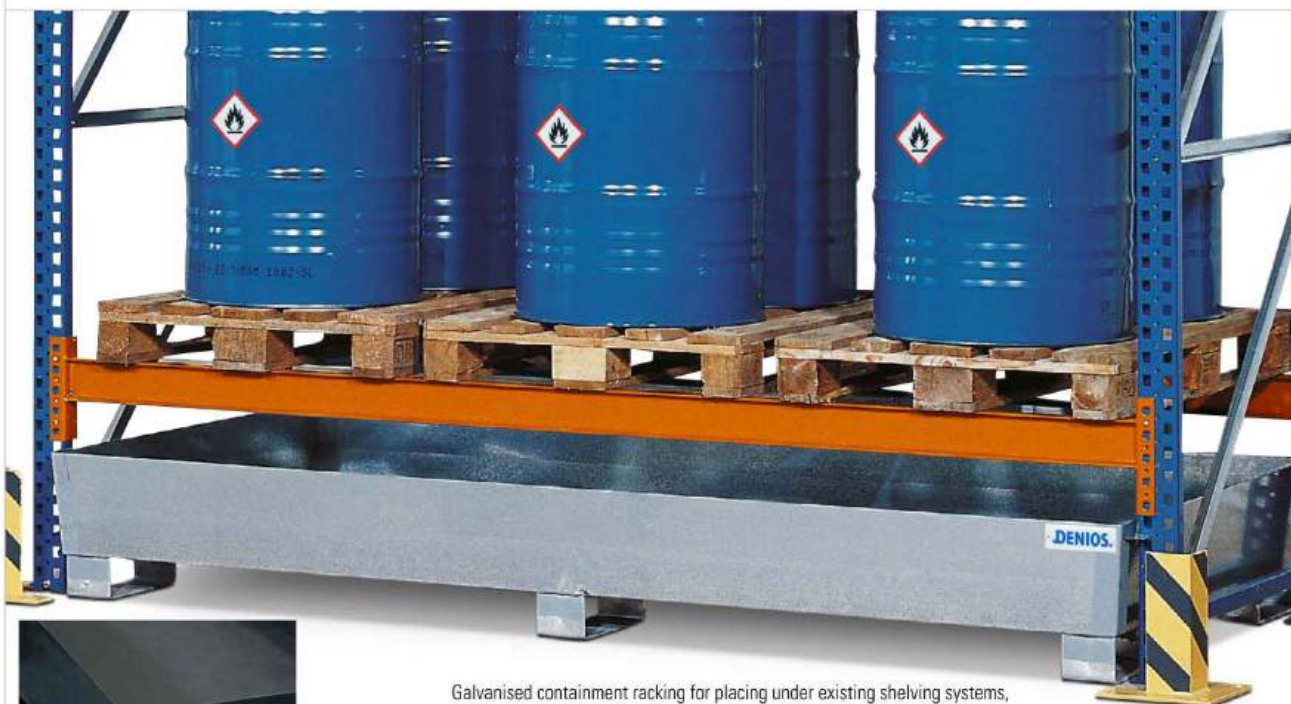
Spill tray in plastic (PE) for shelf widths of 3300 mm, containment volume 1000 litres

**Order no. 291-049-JB**

For shelves with width [mm]	1400	1800	2200	2700	2700	3300
External dimensions W x D x H [mm]	1390 x 1315 x 315	1780 x 1315 x 315	2180 x 1315 x 315	2680 x 1315 x 315	2680 x 1315 x 490	3280 x 1315 x 490
Sump Volume [l]	330	450	520	600	1100	1000
Order number	201-369-JB	201-370-JB	201-371-JB	201-372-JB	201-373-JB	291-049-JB

## Containment racking in steel for storage

- For existing shelving systems, which are to be used as a hazardous materials store and converted to be legally compliant
- Approved containment racking for all standard bay widths
- Base spill pallet for setting under existing pallet racks
- Approved for storing flammable liquids (H224-226) and all substances in all water-polluting classes
- Welded steel design
- 100 mm clearance between base and floor for handling and loading with forklift trucks
- Acid-resistant spill pallet insert in polyethylene (PE) available as an option



Acid resistant polyethylene (PE) spill pallet inliner available as an accessory

Galvanised containment racking for placing under existing shelving systems, available in 6 sizes, PE inliners and loading grids also available as optional extras.



Spill tray for positioning underneath the rack in galvanised steel, for shelf width 1800 mm

**Order no. 108-972-JB**



Spill tray for positioning underneath the rack in galvanised steel, for shelf width 2700 mm

**Order no. 108-974-JB**



Spill tray for positioning underneath the rack in painted steel, for shelf width 3300 mm

**Order no. 273-996-JB**

For shelves with width [mm]	1800	2700	2700	3300
External dimensions W x D x H [mm]	1780 x 1300 x 345	2680 x 1300 x 345	2680 x 1300 x 486	3280 x 1300 x 420
Sump Volume [l]	530	810	1200	1200
Surface	galvanized	galvanized	painted	painted
Order number	108-972-JB	108-974-JB	260-448-JB	273-996-JB
<b>Accessories</b>	plastic inlay spill pallet	plastic inlay spill pallet	plastic inlay spill pallet	plastic inlay spill pallet
Order number	114-332-JB	114-336-JB	114-437-JB	180-335-JB



1

HAZARDOUS MATERIAL STORAGE



When storing flammable liquids, steel sumps with an adequate capacity must be placed at ground level to meet legal requirements.

## Containment racking in plastic to fit on shelf cross members

- For existing shelving systems, the simple, economic way to convert to legally-compliant hazardous materials stores
- Space saving containment racking for fitting in pallet racks
- Highly resistant to aggressive chemicals such as acids or alkali
- In polyethylene (PE)
- The containment racking rests securely on the cross beams
- Removable grid either in steel or plastic



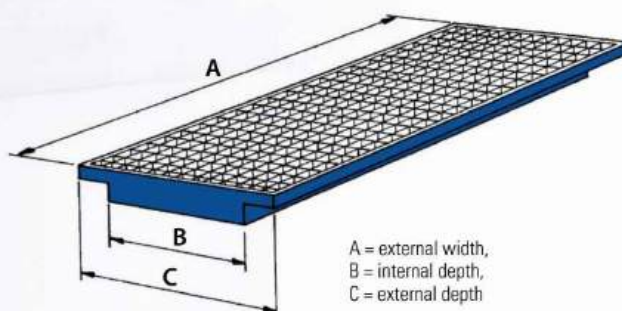
Spill tray in plastic (PE) to be placed on cross members

## Containment racking in steel to fit on shelf cross members

- For existing shelving systems, the simple, economic way to convert to legally-compliant hazardous materials stores
- Containment racking for fitting in pallet racks, space saving
- Approved for storing flammable liquids (H224-226) and all substances in all water-polluting classes
- Welded steel design
- Corrosion protection with high-quality paint, gentian blue (RAL 5010)
- The containment racking rests securely on the cross beams
- Removable hot dip galvanised grid as a storage surface



Spill tray in painted steel to be placed on cross members



Material	Steel	Steel	Steel	Plastic	Plastic	Plastic	Plastic
Grid*	galvanized	galvanized	galvanized	galvanized	plastic	galvanized	plastic
Width, external [mm]	1780	2580	2680	1780	1780	2680	2680
Depth, external [mm]	1300	1300	1300	1300	1300	1300	1300
Depth, internal [mm]	900	900	900	900	900	900	900
Height, external [mm]	185	145	140	250	275	190	215
Sump Volume [l]	220	220	220	235	235	235	235
Overall load capacity [kg]	2000	3000	3000	800	800	800	800
Order number	115-106-JB	115-109-JB	115-111-JB	179-585-JB	179-586-JB	179-587-JB	179-588-JB

\*Plastic grid for storing containers on pallets

## Hazardous materials pallet racking with frame depth 1100 mm, with steel spill pallet



- For storing flammable liquids and all categories of water-polluting substances
- Shelving frame galvanised, cross members powder coated red-orange (RAL 2001)
- Adjustable shelf height through hole distance of 50 mm
- Shelf guard on every storage level
- Galvanised spill pallet in steel
- 100 mm ground clearance to avoid corrosion
- Can be expanded at any time
- Delivered flat-pack, with instructions for assembly

Hazardous materials pallet rack with 2 storage levels, galvanised spill pallet, basic and extension shelf units (without collision protection corners), compartment dimensions (WxD) 2700 x 1100 mm



Hazardous materials pallet rack with 2 storage levels, galvanised spill pallet, basic shelf unit (without collision protection corners), compartment dimensions (WxD) 3300 x 1100 mm

**Order no. 199-723-JB**



Grids (available as an option) can also be used for storing individual containers, mesh boxes or drum supports for horizontal drums in the rack.

Bay dimensions W x D [mm]	1825 x 1100	1825 x 1100	2700 x 1100	2700 x 1100	3300 x 1100	3300 x 1100
Storage capacity - Euro pallets	4	6	6	9	6	9
Storage capacity alternative - chemical pallets	2	3	4	6	6	9
Load [kg]	2200	2200	3540	3540	3780	3430
Rack load [kg]	4400	6600	7080	10620	7560	10290
Sump Volume [l]	530	530	810	810	1200	1200
Number of storage levels	2	3	2	3	2	3
<b>Basic shelf</b>						
External dimensions W x D x H [mm]	2025 x 1300 x 2700	2025 x 1300 x 3800	2900 x 1300 x 2700	2900 x 1300 x 3800	3500 x 1300 x 2700	3500 x 1300 x 3800
Order number	266-311-JB	266-313-JB	199-629-JB	199-631-JB	199-723-JB	199-725-JB
<b>Extension shelf</b>						
External dimensions W x D x H [mm]	1925 x 1300 x 2700	1925 x 1300 x 3800	2800 x 1300 x 2700	2800 x 1300 x 3800	3400 x 1300 x 2700	3400 x 1300 x 3800
Order number	266-312-JB	266-314-JB	199-630-JB	199-632-JB	199-724-JB	199-726-JB
<b>Accessories</b>						
	Grids / shelves, galvanised	Grids / shelves, galvanised	Grids / shelves, galvanised	Grids / shelves, galvanised	Grids / shelves, galvanised	Grids / shelves, galvanised
Order number	200-237-JB	200-237-JB	120-232-JB	120-232-JB	145-616-JB	145-616-JB





## Hazardous materials pallet racking with frame depth 1100 mm, with plastic spill pallet

- For the storage of aggressive chemicals for example acids or alkali and substances in all water-polluting classes
- Shelving frame galvanised, cross members powder coated red-orange (RAL 2001)
- Cross members height adjustable in 50 mm increments
- Shelf guard on every storage level
- Polyethylene (PE) spill pallet, with high resistance to aggressive chemicals such as acids or alkali
- 100 mm ground clearance for ease of transport
- Can be expanded at any time
- Delivered flat-pack, with instructions for assembly

**NEW**



Hazardous materials pallet rack with 2 storage levels, plastic spill pallet, basic shelf unit, compartment dimensions (WxD) 2700 x 1100 mm

**Order no. 201-633-JB**

### ORDER AT THE SAME TIME



Collision protection CORNER

**Order no. 203-606-JB**



Hazardous materials pallet rack with 3 storage levels, plastic spill pallet, basic shelf unit, compartment dimensions (WxD) 3300 x 1100 mm

**Order no. 305-697-JB**

Bay dimensions W x D [mm]	1825 x 1100	1825 x 1100	2700 x 1100	2700 x 1100	3300 x 1100	3300 x 1100
Storage capacity - Euro pallets	4	6	6	9	6	9
Storage capacity alternative - chemical pallets	2	3	4	6	6	9
Load [kg]	2200	2200	3540	3540	3780	3430
Rack load [kg]	4400	6600	7080	10620	7560	10290
Sump Volume [l]	450	450	1100	1100	-	-
Number of storage levels	2	3	2	3	2	3
<b>Basic shelf</b>						
External dimensions W x D x H [mm]	2025 x 1315 x 2700	2025 x 1315 x 3800	2900 x 1315 x 2700	2900 x 1315 x 4400	3500 x 1315 x 2700	3500 x 1315 x 3800
Order number	266-315-JB	266-317-JB	201-633-JB	201-635-JB	305-695-JB	305-697-JB
<b>Extension shelf</b>						
External dimensions W x D x H [mm]	1925 x 1315 x 2700	1925 x 1315 x 3800	2800 x 1315 x 2700	2800 x 1315 x 4400	3400 x 1315 x 2700	3400 x 1315 x 3800
Order number	266-316-JB	266-318-JB	201-634-JB	201-636-JB	305-696-JB	305-698-JB
<b>Accessories</b>						
	Grids / shelves, galvanised	Grids / shelves, galvanised	Grids / shelves, galvanised	Grids / shelves, galvanised	Grids / shelves, galvanised	Grids / shelves, galvanised
Order number	200-237-JB	200-237-JB	120-232-JB	120-232-JB	145-616-JB	145-616-JB

## Hazardous materials pallet racking with frame depth 1300 mm, with steel spill pallet as lowest storage level

The hazardous materials pallet racking can be used for the safe storage of up to 4 IBCs. The racks have been optimised in terms of shelf and bay loads so that media with higher densities can now also be stored safely. Create your own individual hazmat shelving by arranging basic and extension shelf units from these shelving types to suit your needs.

- For storing flammable liquids
- Shelving frame galvanised, cross members powder coated red-orange (RAL 2001)
- Storage levels with galvanised grid shelves, the bottom one has a spill pallet
- Galvanised spill guards, around 3 sides of each storage level, optionally available
- Suitable for storing Euro or chemical pallets
- Adjustable shelf height through hole distance of 50 mm
- Can be expanded at any time
- Delivered flat-pack, with instructions for assembly



Hazardous materials pallet rack with 2 storage levels, consisting of basic shelf unit, compartment dimensions (WxD) 3300 x 1300 mm, and extension shelf unit, compartment dimensions (WxD) 2700 x 1300 mm (collision protection corners optional)



Hazardous materials pallet rack with 2 storage levels and painted spill pallet, basic shelf unit, compartment dimensions (WxD) 1400 x 1300 mm

**ORDER AT THE SAME TIME**
**SpillGuard® hazardous substance leak warning system**

 See page  
**346**


SpillGuard®

**Order no. 271-433-JB**
**INNOVATION**


SpillGuard® connect

**Order no. 276-016-JB**

Plastic spill pallet inserts are recommended for storing acids and alkalis, see the "accessories" table.



Hazardous materials pallet rack with 2 storage levels, consisting of basic shelf unit, compartment dimensions (WxD) 2700 x 1300 mm, and extension shelf unit, compartment dimensions (WxD) 2700 x 1300 mm (Spill guards sets and collision protection corners optional)

Bay dimensions W x D [mm]	1400 x 1300	2700 x 1300
Storage capacity for 1000 litre IBCs	2	4
Load [kg]	1670	3000
Rack load [kg]	1670	3000
Spill pallet load capacity [kg]	2000	4000
Sump Volume [l]	–	1200
Number of storage levels	2	2
<b>Extension shelf</b>		
External dimensions W x D x H [mm]	1500 x 1300 x 3300	2800 x 1300 x 3300
Order number Spill pallet: painted	305-415-JB	209-420-JB
<b>Basic shelf</b>		
External dimensions W x D x H [mm]	1600 x 1300 x 3300	2900 x 1300 x 3300
Order number Spill pallet: painted	305-414-JB	209-419-JB
<b>Accessories</b>		
<b>plastic inlay spill pallet</b>		
Order number	–	114-437-JB
<b>Spill guards set per storage level</b>		
Order number	305-420-JB	281-842-JB



# DENIOS MAGAZINE

## ALL YOU NEED TO KNOW ABOUT HAZARDOUS MATERIALS CABINETS

Hazardous materials cabinets and safety cabinets enable the safe storage of hazardous materials in small containers near the workplace or directly in the laboratory. Hazardous materials cabinets and safety cabinets meet the requirements for a wide range of hazardous materials. Unsure which type of cabinet you need for your media? Our DENIOS expert team would be happy to advise you!

- » GUIDES
- » ARTICLES
- » FAQ
- » INTERVIEWS
- » CHECKLISTS
- » VIDEOS
- » WHITEPAPERS
- » AND MUCH MORE!



»»» [www.denios.co.uk/magazine](http://www.denios.co.uk/magazine) «««

### INFOGRAPHIC

#### WHICH TYPE OF CABINET DO YOU NEED?

- What hazardous substance do you want to store?
- What quantities do you want to store?
- Do you store by type or is there combined storage?

**We're here to help!**



[www.denios.co.uk/safety-cabinets](http://www.denios.co.uk/safety-cabinets)

### GUIDES

#### WHAT TYPE OF EQUIPMENT DO YOU NEED?

- What technical ventilation is required?
- Shelves or slide-out spill trays?
- Which door solution offers the best support in practice?

**With us, it's easy to find the perfect cabinet.**



[www.denios.co.uk/3questions-cabinet](http://www.denios.co.uk/3questions-cabinet)

### GUIDES

#### STORAGE AND CHARGING OF LITHIUM-ION BATTERIES. OUR TIPS AND HELP

Based on the proven technology of our hazardous materials cabinets, we have developed a sophisticated system to address the special potential risks associated with the storage of lithium-ion batteries. As a pioneer in the market, DENIOS not only offers a comprehensive product range, but also the appropriate expertise.

#### LITHIUM-ION BATTERIES: FUNCTION, HAZARDS, STORAGE AND TRANSPORT.

All the important information from functionality and dangers to tips for use, storage and transport.



[www.denios.co.uk/lithium-batteries-lock-away-the-risk](http://www.denios.co.uk/lithium-batteries-lock-away-the-risk)

#### CHARGING LITHIUM BATTERIES: DO YOU KNOW YOUR DUTIES OF CARE?

We have summarised your 4 most important duties of care - so that you can be completely safe.



[www.denios.co.uk/lithium-duties](http://www.denios.co.uk/lithium-duties)



# THE RIGHT HAZARDOUS MATERIALS CABINET FOR ANY JOB



- ✓ **Huge selection:**
  - Customised, safe, certified.
  - Reliable protection against all hazards and audits.
- ✓ **Cutting-edge production processes for guaranteed quality**

- ✓ **Extended warranty**  
(depending on model, up to 10 years) available when concluding a maintenance contract
- ✓ **Delivery free to door:**
  - No hidden costs
  - Transparency and planning security for your purchase



- ✓ Doors close automatically in the event of a fire
- ✓ For safe storage of flammable liquids with 90-minute fire protection in accordance with the legal requirements: HSG71 and EN 14470-1
- ✓ Tested in accordance with the highest European requirements (GS and CE conform)
- ✓ With watertight, tested floor spill pallet in powder-coated sheet steel, incl. perforated grid cover as additional storage level

- ✓ **Model 90** 90 minute fire protection  
Tested in accordance with EN 14470-1
- ✓ **Model 30** 30 minute fire protection  
Tested in accordance with EN 14470-1

Fire-resistant hazardous substances cabinet G 1201 with 3 shelves and swing doors

**Order number 116-979-JB**

- Wing doors have a cylinder lock and covered locking bar
- Full specification with spill trays
- Sturdy sheet steel design
- Height-adjustable spill trays
- Body in fine steel sheet with sturdy, quality paintwork, body gentian blue (RAL 5010), doors light grey (RAL 7035)
- Permanent air exchange via ventilation grid in the doors
- Supplied ready assembled

## Chemicals cabinet with wing doors and sumps

Safe, legally compliant storage of water-polluting, non-flammable liquids and toxic substances in workrooms



**TOP PRODUCT**

Order no. 201-960-JB

### ORDER AT THE SAME TIME

#### SpillGuard® hazardous substance leak warning system

See page  
**346**

**INNOVATION**



SpillGuard®

Order no. 271-433-JB



SpillGuard® connect

Order no. 276-016-JB

The height-adjustable spill trays are sealed by welding and safely contain any fluid leaks that occur, model CS 104



The practical 1100 mm height (model CS 102) enables it to be placed under windows or shelves for example

Model	CS 104 protect	CS 102 protect
Features	3 spill trays, 1 spill pallet	1 spill tray, 1 floor spill pallet
Door version	hinged door	hinged door
External dimensions W x D x H [mm]	1000 x 500 x 1950	1000 x 500 x 1100
Spill pallet load capacity [kg]	75	75
Spill pallet capacity [l]	20	20
Spillage decking capacity [l]	30	30
Order number	201-960-JB	202-147-JB
<b>Accessories</b>		
Order number Additional spill tray	273-934-JB	206-324-JB
Order number PE inlay spill pallet for spill tray	274-022-JB	207-326-JB
Order number Perforated metal insert for floor spill pallet	273-935-JB	202-146-JB
Order number PE inlay sump for spillage decking	274-005-JB	207-325-JB



## View chemical cabinets

Acrylic glass doors give a quick overview of contents



Good looks and safety go hand in hand - the view chemicals cabinet has a sturdy steel design and includes doors with acrylic glass inserts

### Order at the same time



Perforated metal inserts protect stored items from any escaping liquids (cannot be used in combination with PE inlay spill pallets)



PE inlay sump for safe storage of aggressive liquids

Model	CS 104G View
Features	3 spill trays, 1 spill pallet
Door version	hinged door with glass insert
External dimensions W x D x H [mm]	1000 x 500 x 1950
Spill pallet load capacity [kg]	75
Spill pallet capacity [l]	20
Spillage decking capacity [l]	30
Order number	219-291-JB
<b>Accessories</b>	
Order number Additional spill tray	206-324-JB
Order number PE inlay spill pallet for spill tray	207-326-JB
Order number PE inlay sump for spillage decking	207-325-JB
Order number Perforated metal insert for floor spill pallet	202-146-JB

## Chemicals cabinets with sliding doors - offering a large storage area with little space required

For safe, approved storage of water-hazardous, non-flammable liquids and toxins in work areas

- Space saving storage thanks to sliding doors
- Quick, easy access to stored goods
- Sturdy sheet steel design
- Body in fine steel sheet with sturdy, quality paintwork, body gentian blue (RAL 5010), doors light grey (RAL 7035)
- Permanent air exchange via ventilation grid in the doors
- Supplied ready assembled
- Spill tray height can be adjusted in 25 mm increments



Smooth-running sliding doors on roller bearings with a cylinder safety lock ensure secure storage of hazardous materials

With one movement you gain access to everything inside the cabinet. Adapt the height of the spill tray shelves to the size of the containers being stored. In this way both small and large containers can be stored in one cabinet.

Model	CS 124	CS 184
Features	3 spill trays, 1 spill pallet (1 cabinet bay)	6 spill trays, 2 spill pallets (2 cabinet bays)
External dimensions W x D x H [mm]	1200 x 500 x 1950	1800 x 500 x 1950
Spill pallet load capacity [kg]	75	75
Spill pallet capacity [l]	20	39
Spillage decking capacity [l]	20	30
Order number	201-639-JB	201-640-JB
<b>Accessories</b>		
Order number Additional spill tray	211-270-JB	211-271-JB
Order number Perforated insert for sumps and base sump	202-118-JB	202-119-JB
Order number PE inlay spill pallet for spill tray	207-328-JB	207-330-JB
Order number PE inlay sump for spillage decking	207-329-JB	207-331-JB

### ORDER AT THE SAME TIME

#### Type CS-P small container sump.

- Inlay sumps provide corrosion protection from aggressive hazardous materials
- Leakages can be dealt with easily and safely



Small container sumps made of polyethylene (PE), Order no. 207-332-JB



## Dispensing cabinet Profi

For safe, approved storage of water-hazardous, non-flammable liquids and toxins in work areas

- Body and doors in fine sheet steel with sturdy, quality paint finish in gentian blue (RAL 5010)
- Tested spill pallet
- Permanent air exchange via ventilation grid in the doors
- Standard equipment: 1 removable spill pallet, 1 shelf, 3 slide out shelves each for 3 x 20 litre canisters or 5 x 10 litre canisters Canisters available as an option
- Safety device prevents several shelves being pulled out at once
- Mounting kit for wall mounting included
- Pull-out shelf dimensions: W 890 x D 420 mm
- The Profi dispensing cabinet offers safety combined with functionality.



- 1 The slide-out shelves make it easier to insert and remove the containers
- 2 Secure handling of stored canisters The slide-out floor spill pallet safely holds any drips

<b>Model</b>	<b>Uwa-a</b>
External dimensions W x D x H [mm]	1000 x 550 x 1950
Shelf load capacity [kg]	75
Load capacity pull-out shelf [kg]	120
Spillage decking capacity [l]	39
Order number	201-937-JB
<b>Accessories</b>	
Order number Small container sumps made of polyethylene (PE)	207-320-JB

### ORDER AT THE SAME TIME



Suitable for profi dispensing cabinet 10 L and 20 L PE canister, available with or without 3/4" tap Canisters have a wide mouth The canister lid is fitted with a poppet valve

### PE canister, 10 and 20 litres

Extra wide mouth (80 mm)

- With pressure release valve and PE foam seal in the lid
- For transporting, storing, dispensing and filling
- Made from food-safe and chemical resistant polyethylene (PE)

Capacity [l]	10	10	20	20
Design	Without Tap	With Tap	Without Tap	With Tap
External dimensions W x D x H [mm]	170 x 280 x 270	170 x 300 x 270	258 x 292 x 360	280 x 292 x 390
Order number	211-363-JB	207-398-JB	211-364-JB	207-399-JB



Plastic tap 3/4" for PE canister

Order number  
207-202-JB

- Maximum capacity 50 litres per cabinet for highly flammable or extremely flammable materials
- Fully diecast handles
- Labelled flammable and flammable liquid
- Powder coated, 'HI-VIZ' yellow finish or grey, please specify at time of order'hi-viz' Powder coated, 'HI-VIZ' yellow finish or grey, please specify at time of order
- Robust steel construction with reinforced doors and secure locking
- Designed to provide safe and secure storage of chemicals, paints and many other hazardous substances
- Stands available as an optional extra



Mini Hazardous Storage Cabinet model HZ11

### Mini hazardous storage cabinets

Model	HZ11	HZ12	HZ13	HZ7	HZ8
Body dimensions W x D x H [mm]	915 x 381 x 610	457 x 457 x 610	460 x 305 x 460	1170 x 460 x 610	381 x 510 x 510
Number of storage levels	1	1	1	–	–
Spill pallet capacity [l]	15	10	5	30	15
Order number	157-728-JB	157-731-JB	157-734-JB	119-338-JB	119-339-JB
Order number: extra tray	–	119-341-JB	–	–	–
Order number: stand	–	119-344-JB	–	–	–



### Hazardous storage bins and cabinets

Model	HZ1	HZ3	HZ4	HZ5	HZ6	HZ9	HZ10
Body dimensions W x D x H [mm]	915 x 457 x 1830	460 x 460 x 910	915 x 460 x 1000	355 x 305 x 710	915 x 457 x 710	570 x 225 x 850	457 x 305 x 710
Number of storage levels	3	1	1	1	1	1	1
Spill pallet capacity [l]	36	15	30	5	30	–	10
Order number	119-332-JB	119-334-JB	119-335-JB	119-336-JB	119-337-JB	131-182-JB	157-725-JB
Order number: extra tray	–	119-341-JB	–	–	–	–	–
Order number: stand	–	119-344-JB	–	–	–	–	–

## Mobile hazardous storage cabinet

- Mobile hazardous storage cabinets combine safe storage with manoeuvrability

Ideally suited to janitorial use or where flexibility of storage is required within a constant moving environment. This upgraded model now includes a larger spill tray, offering better all round protection.

- Large diameter wheels with rubber tyres for easy handling
- Removable spill trays
- Base has four lockable swivel castors



Mobile hazardous storage cabinet model HZ6-M

Order no. 131-187-JB



Model	HZ4-M	HZ6-M
Body dimensions W x D x H [mm]	900 x 460 x 900	900 x 460 x 700
Number of storage levels	1	1
Spill pallet capacity [l]	14	14
Order number	131-185-JB	131-187-JB

## COSHH cabinets

- Powder coated, grey finish
- Fully diecast handles
- Maximum capacity 50 litres
- Stands available as an optional extra
- Robust steel construction with reinforced doors and secure locking
- Designed for the storage of all hazardous materials, but ideally suited to those applications where additional segregation is required away from flammable materials



Model	CSH1	CSH2	CSH3	CSH4
Body dimensions W x D x H [mm]	915 x 457 x 1830	915 x 457 x 915	457 x 457 x 915	457 x 305 x 710
Number of storage levels	3	1	1	1
Spill pallet capacity [l]	36	30	15	10
Order number	167-270-JB	167-271-JB	167-272-JB	167-273-JB

System was developed to offer practical, professional solutions for the wide-ranging requirements of hazardous materials storage. System brings order and safety to hazardous substance storage in the workplace. The variation within the range offers many solutions. Just call us if you need more solution suggestions.

- Door solutions available:
  - wing doors** = quick access to all contents
  - folding doors** = take up minimal space when open
  - wing doors with glass inserts** = see the cabinet contents at a glance
- The single-door chemicals cabinets (W 545 mm) can also be supplied on request with the door opening right
- Tested spill pallet (in accordance with Stawa-R)

## Chemicals cabinets Systema, with folding doors and shelves



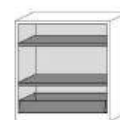
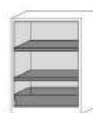
Chemicals cabinet model CS 52 with wing door



The compact chemicals cabinet can be supplied with 2 shelves and a tested spill pallet, in this picture model CS-102



Chemicals cabinet model CS 52 with wing door and integral glass insert



Features	2 shelves, floor spill pallet	2 shelves, floor spill pallet	2 shelves, floor spill pallet
External dimensions W x D x H [mm]	545 x 520 x 1105	810 x 520 x 1105	1055 x 520 x 1105
Internal dimensions W x D x H [mm]	486 x 493 x 990	751 x 493 x 990	996 x 493 x 990
Shelf load capacity [kg]	50	60	100
Spillage decking capacity [l]	19	28	28
Door hinge	left	both sides	both sides
Order number hinged door	202-549-JB	202-581-JB	202-597-JB
Order number hinged door with glass insert	202-621-JB	202-653-JB	202-669-JB
<b>Accessories</b>			
Order number Additional shelf	202-801-JB	202-802-JB	202-803-JB
Order number Perforated metal insert for floor spill pallet	202-809-JB	202-810-JB	202-811-JB



Available in 7 RAL colours



Please specify required door colour when ordering.  
Body colour: anthracite grey

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1

HAZARDOUS MATERIAL STORAGE

## Systema chemical cabinets with shelves, height 1950 mm



Wing doors with glass inserts offer a handy view of the cabinet contents, model CS-53L

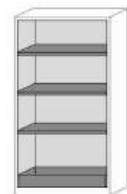
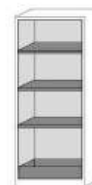
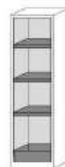


Ventilation fittings, extraction fans and additional accessories can be found

See page  
**146**



Chemicals cabinet with 3 shelves (adjustable in 25 mm increments), floor spill pallet, model CS-103, perforated metal insert optional



Features	3 shelves, floor spill pallet	3 shelves, floor spill pallet	3 shelves, floor spill pallet
External dimensions W x D x H [mm]	545 x 520 x 1950	810 x 520 x 1950	1055 x 520 x 1950
Internal dimensions W x D x H [mm]	486 x 493 x 1835	751 x 493 x 1835	996 x 493 x 1835
Shelf load capacity [kg]	50	60	100
Spillage decking capacity [l]	19	28	27
Door hinge	left	both sides	both sides
Order number hinged door	202-565-JB	202-589-JB	202-605-JB
Order number hinged door with glass insert	202-637-JB	202-661-JB	202-677-JB
<b>Accessories</b>			
Order number Additional shelf	202-801-JB	202-802-JB	202-803-JB
Order number Perforated metal insert for floor spill pallet	202-809-JB	202-810-JB	202-811-JB

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## System chemical cabinets

- Safe storage of water-polluting, non-flammable liquids and toxic substances in workrooms
- With slide-out shelves, (height adjustable in increments of 25 mm), with water-tight PP spill pallet
- The slide-out shelves offer a secure storage place for small containers and need only minimum force to pull them out
- The single-door chemicals cabinets (W 545 mm) can also be supplied on request with the door opening right
- Door solutions available:
  - wing doors** = quick access to all contents
  - folding doors** = take up minimal space when open
  - wing doors with glass inserts** = see the cabinet contents at a glance

## System chemical cabinets with pull-out shelves, height 1105 mm



The slide-out shelves offer a secure storage place for small containers and need only minimum force to pull them out



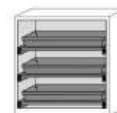
Storage of hazardous materials in the minimum space, model cs-52



Wing doors with glass inserts offer rapid orientation and are visually appealing, model CS 102



Organised, clear storage



Features	2 pull-out shelves	2 pull-out shelves	2 pull-out shelves	3 pull-out shelves	3 pull-out shelves	3 pull-out shelves
External dimensions W x D x H [mm]	545 x 520 x 1105	810 x 520 x 1105	1055 x 520 x 1105	545 x 520 x 1105	810 x 520 x 1105	1055 x 520 x 1105
Internal dimensions W x D x H [mm]	486 x 493 x 990	751 x 493 x 990	996 x 493 x 990	486 x 493 x 990	751 x 493 x 990	996 x 493 x 990
Door hinge	left	both sides	both sides	left	both sides	both sides
Slide-out spill pallet load capacity [kg]	30	30	30	30	30	30
Slide-out spill pallet capacity [l]	11	22	33	11	22	33
Order number hinged door	208-617-JB	208-644-JB	208-653-JB	208-832-JB	208-852-JB	208-862-JB
Order number hinged door with glass insert	208-669-JB	208-686-JB	208-699-JB	208-707-JB	208-808-JB	208-818-JB
<b>Accessories</b>						
Order number Additional slide-out shelf	210-388-JB	210-389-JB	202-804-JB	210-388-JB	210-389-JB	202-804-JB



Available in 7 RAL colours



Please specify required door colour when ordering.  
Body colour: anthracite grey

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1

HAZARDOUS MATERIAL STORAGE

## Chemicals cabinets Systema, with slide-out shelves, height 1950 mm

Ventilation fittings, extraction fans and additional accessories can be found

See page  
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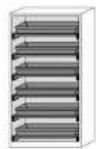


RECOMMENDED BY PROFESSIONALS



6 slide-out shelves give easy access and help you keep numerous small containers in order

The size and number of the containers you need to store define the choice of hazardous materials cabinet you will need With 4 slide-out shelves (model 104) for storing containers of different sizes Additional slide-out shelves may be fitted as an option



Features	4 pull-out shelves	4 pull-out shelves	4 pull-out shelves	6 pull-out shelves	6 pull-out shelves	6 pull-out shelves
External dimensions W x D x H [mm]	545 x 520 x 1950	810 x 520 x 1950	1055 x 520 x 1950	545 x 520 x 1950	810 x 520 x 1950	1055 x 520 x 1950
Internal dimensions W x D x H [mm]	486 x 493 x 1835	751 x 493 x 1835	996 x 493 x 1835	486 x 493 x 1835	751 x 493 x 1835	996 x 493 x 1835
Door hinge	left	both sides	both sides	left	both sides	both sides
Slide-out spill pallet load capacity [kg]	30	30	30	30	30	30
Slide-out spill pallet capacity [l]	11	22	33	11	22	33
Order number hinged door	208-879-JB	208-896-JB	202-613-JB	209-057-JB	209-075-JB	209-084-JB
Order number hinged door with glass insert	208-905-JB	208-926-JB	202-685-JB	209-025-JB	209-041-JB	209-049-JB
<b>Accessories</b>						
Order number Additional slide-out shelf	210-388-JB	210-389-JB	202-804-JB	210-388-JB	210-389-JB	202-804-JB

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## PolySafe acid and alkali cabinets

PolySafe acid and alkali cabinets are suited to practical use in laboratories, workshops, production or maintenance

- For the safe and legally compliant storage of aggressive liquids
- Liquids according to the media list 40-1.1 from the DIBt with a reduction ratio  $A2 \leq 1.1$  as well as liquids in the following substance groups may be stored:
  - Aqueous solutions of organic acids up to 10%
  - Mineral acids up to 20%
  - Inorganic alkalis as well as alkali hydrolysing salts in aqueous solution ( $pH > 8$ ), except for ammonia solutions and oxidising solutions of salts (e.g. hypochlorite)
  - Solutions of inorganic non-oxidising salts with a pH value between 6 and 8

HAZARDOUS MATERIAL STORAGE



Discreet and contemporary appearance. Wing doors in light grey, body in anthracite grey

Practical: the cabinet floor is also a water-tight spill pallet

Model	PS 1220-4
Design	4 PE slide-out spill pallets
External dimensions W x D x H [mm]	1225 x 640 x 1990
Internal dimensions W x D x H [mm]	1130 x 410 x 1750
Load capacity PE slide-out spill tray [kg]	50
Spillage decking capacity [l]	75
Weight [kg]	95
Order number	281-504-JB

### ORDER AT THE SAME TIME

#### fan for SL cabinet Polystore

- Safely extracts any gases or vapours from the inside of the cabinet

Order no. 212-190-JB







- Cabinet in highly resistant plastic (polyethylene), slide-out spill pallets also in plastic, hinges in glass-fibre reinforced plastic
- Connection option for fan (for tall cabinets, H 1990 mm)
- Certified quality - General Construction Approval Z-40.22-543
- Temperature range for use -20°C to 40°C

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The visible floor spill pallet gives you an overview of its condition at any time, e.g. during a safety inspection. Any leaks can therefore be quickly detected.

**INNOVATION**

**SpillGuard® hazardous substance leak warning system**

See page  
**346**

SpillGuard®

Order no. 271-433-JB



SpillGuard® connect

Order no. 276-016-JB



Model	PS 620-4
Design	4 PE slide-out spill pallets
External dimensions W x D x H [mm]	610 x 640 x 1990
Internal dimensions W x D x H [mm]	520 x 410 x 1750
Load capacity PE slide-out spill tray [kg]	50
Spillage decking capacity [l]	35
Weight [kg]	55
Order number	281-505-JB

- Acids and alkali can be safely stored, separated from each other
- For the storage of aggressive, non-flammable hazardous substances in workrooms
- Removable plastic spill trays

### Cabinet height 600 or 800 mm

- Underbench cabinets made from highly resistant melamine-resin-coated special material plates
- Doors locked by cylinder lock, lock indicator (red/green)
- Uniform ventilation of the chamber with air vent units (NW 50) on the cabinet rear wall

#### Height 600 mm



1

Acids and alkalis cabinet model SL 62 with 2 slide-out shelves (base frame optionally available)

Order no. 158-061-JB



3

Acids and alkalis cabinet model SL 112 with 1 slide-out shelf per chamber (base frame optionally available)

Order no. 136-862-JB

#### Height 800 mm

- For storing large containers (2.5 l)



2

The new height of 800 mm is really practical, model SL 602



4

Acids and alkalis cabinet model SL 114 with 2 slide-out shelves per chamber (base frame optionally available)

Order no. 136-864-JB



5

4 slide-out trays, with additional square compartment for material placement, Model SL 1404



6

Compact dimensions - a height of 800 mm gives better access to small containers, model SL 1104

	1	2	3	4	5	6
<b>Model</b>	<b>SL 62</b>	<b>SL 602</b>	<b>SL 112</b>	<b>SL 114</b>	<b>SL 1404</b>	<b>SL 1104</b>
Features	2 pull-out shelves	2 pull-out shelves	2 pull-out shelves	4 pull-out shelves	4 pull-out shelves	4 pull-out shelves
External dimensions W x D x H [mm]	590 x 570 x 600	590 x 570 x 800	1100 x 570 x 600	1100 x 570 x 600	1400 x 570 x 600	1100 x 570 x 800
Door design	1-wing	1-wing	2 wing doors	2 wing doors	2 wing doors	2 wing doors
Slide-out spill pallet capacity [l]	11	11	11	11	11	11
Slide-out spill pallet load capacity [kg]	25	25	25	25	25	25
Weight [kg]	46	58	64	74	112	90
Order number Door hinge: left	158-061-JB	-	-	-	-	-
Order number Door hinge: right	158-064-JB	235-880-JB	-	-	-	-
Order number Door hinge: both sides	-	-	136-862-JB	136-864-JB	235-878-JB	235-879-JB
<b>Accessories</b>						
Order number Base frame, height 30 mm	158-071-JB	158-071-JB	133-467-JB	133-467-JB	133-471-JB	133-467-JB



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1

HAZARDOUS MATERIAL STORAGE

## Cabinet height 1970 mm

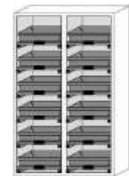
- Body in powder coated fine sheet steel, RAL 7035 (light grey)
- Complete closing mechanism is mounted outside the storage room
- Uniform ventilation of the chambers via an air vent unit (NW 75)
- Corrosion resistant metal-free ventilation ducts
- Lockable with profile cylinder lock (lock system compatible)
- Integral adjusting feet for adjustment for uneven floor surfaces



Acid and alkalis cabinet model SL 1208 / 1212, either with 8 or 12 slide-out shelves



Acids and alkalis cabinet model SL 606 - incl. 6 Slide-out shelves



Model	SL 604	SL 606	SL 1208	SL 1212
Features	4 pull-out shelves	6 pull-out shelves	8 pull-out shelves	12 pull-out shelves
External dimensions W x D x H (mm)	597 x 603 x 1965	597 x 603 x 1965	1197 x 603 x 1965	1197 x 603 x 1965
Door design	1-wing	1-wing	2 wing doors	2 wing doors
Slide-out spill pallet capacity (l)	11	11	11	11
Slide-out spill pallet load capacity (kg)	25	25	25	25
Weight (kg)	156	166	255	275
Order number Door hinge: left	117-052-JB	117-054-JB	-	-
Order number Door hinge: right	117-053-JB	117-055-JB	-	-
Order number Door hinge: both sides	-	-	158-058-JB	158-059-JB

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- Acids and alkali can be safely stored, separated from each other
- For the storage of aggressive, non-flammable hazardous substances in workrooms
- Removable plastic spill trays

## Acids and alkalis cabinets Model SL Plus, with compartment for hydrofluoric acid

Acids and alkalis cabinets for the storage of aggressive, non-flammable hazardous substances in workrooms. Includes separate compartment for hydrofluoric acid. Hydrofluoric acid must always be stored separately and under lock and key. The storage of acids and alkalis in workrooms must be in storage cabinets (e.g. acids and alkalis cabinets)

- Body in powder coated fine sheet steel, RAL 7035 (light grey)
- Complete closing mechanism is mounted outside the storage room
- Corrosion resistant metal-free ventilation ducts
- Lockable with profile cylinder lock (lock system compatible)



The hydrofluoric acid compartment is also marked with an acute toxicity pictogram



Features	3 slide-out shelves, 1 hydrofluoric acid compartment	4 slide-out shelves, 1 hydrofluoric acid compartment	5 slide-out shelves, 1 hydrofluoric acid compartment
External dimensions W x D x H [mm]	597 x 603 x 1965	597 x 603 x 1965	597 x 603 x 1965
Door design	1-wing	1-wing	1-wing
Slide-out spill pallet load capacity [kg]	25	25	25
Slide-out spill pallet capacity [l]	11	11	11
Weight [kg]	158	163	168
Order number Door hinge: left	266-878-JB	266-879-JB	266-880-JB
Order number Door hinge: right	266-881-JB	266-882-JB	266-883-JB



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1

HAZARDOUS MATERIAL STORAGE

**Slide-out shelves including spill trays**

- Additional built-in compartment with integrated spill tray in polypropylene
- Safe storage of hydrofluoric acid, 1 litre containers can be removed upright from the compartment
- Built-in compartment can be locked separately, incl. locking indicator (red/green) and marking
- Ventilation from the built-in compartment via the extraction system present inside the cabinet



Clear, separated storage of hazardous substances



Features	8 slide-out shelves, 1 hydrofluoric acid compartment	9 slide-out shelves, 1 hydrofluoric acid compartment	11 slide-out shelves, 1 hydrofluoric acid compartment
External dimensions W x D x H [mm]	1197 x 603 x 1965	1197 x 603 x 1965	1197 x 603 x 1965
Door design	2 wing doors	2 wing doors	2 wing doors
Slide-out spill pallet load capacity [kg]	25	25	25
Slide-out spill pallet capacity [l]	11	11	11
Weight [kg]	265	270	280
Order number Door hinge: both sides	266-884-JB	266-885-JB	266-886-JB

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# DENIOS MAGAZINE

## ALL YOU NEED TO KNOW ABOUT DIN EN 14470-1

**Hazardous materials cabinets should be fitted with technical ventilation.  
In these cases, Ex zones in and around the cabinet are generally not needed.**

- » GUIDES
- » ARTICLES
- » FAQ
- » INTERVIEWS
- » CHECKLISTS
- » VIDEOS
- » WHITEPAPERS
- » AND MUCH MORE!



[www.denios.co.uk/magazine](http://www.denios.co.uk/magazine)

### GUIDES

#### EN 14470-1 - WHAT IT'S ALL ABOUT.

If you choose a fire-rated safety cabinet from the DENIOS range, you can be sure that it has been type-tested in accordance with EN 14470-1. But what exactly does EN 14470-1 say and what load tests must a hazardous materials cabinet pass?

**We have summed it up for you!**



[www.denios.co.uk/en-14470-1](http://www.denios.co.uk/en-14470-1)

### INFOGRAPHIC

#### KEY FACTS

Special standards and regulations apply to the storage of flammable liquids in workrooms.

**We have compiled the most important key facts for you in our infographic.**



[www.denios.co.uk/en-14470-1](http://www.denios.co.uk/en-14470-1)

### CASE STUDY

#### HAZARDOUS SUBSTANCES AND CHEMICALS IN STORAGE ROOMS

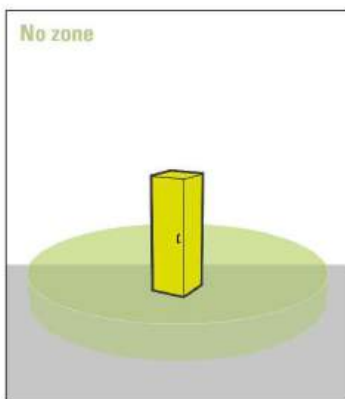
Ecolab has set the industry standard since 1923 for innovation and cost effectiveness in professional cleaning and disinfection and associated services. The company offers integral hygiene solutions, linking chemicals, technology and service efficiently and in a cost-effective manner, both in the industrial and institutional markets as well as the health industry.



[www.denios.co.uk/ecolab](http://www.denios.co.uk/ecolab)

# DEFINITION OF ZONES

The definition of zones in and around hazardous materials cabinets depends on various factors. The framework conditions are explained in detail in DGVV regulation 113-001 EX-RL examples 2.11.2.



Definition of zones for avoidance of sources of ignition in accordance with TRGS 720 ff. Part 3

## Definition of zones for hazardous materials cabinets (DGVV Regulation 113-001)

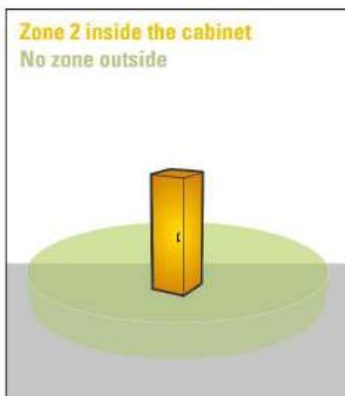
- A) The LEL (lower explosion limit) is safely undercut as the flashpoint of the flammable liquid is sufficiently higher than the storage temperature (see TRGS 720 ff., Part 1, item 3.2 (3))  
or  
B) The flashpoint is not sufficiently above the storage temperature  
(See TRGS 720 ff. Part 1, Point 3.2 (3))

## Hazardous materials cabinet with technical ventilation

- is present and the following conditions are met:
- Containers are tightly closed and regularly checked to ensure sealing
  - The containers are not opened (no dispensing or filling, no sampling)
  - Containers are set down without external wetting with combustible liquids

## Protective measures to:

- TRGS 720 ff. Part 2, Point 2.3.2 (for A)  
TRGS 720 ff. Part 2, Point 2.4.4.3 (for B)  
TRGS 720 ff. Part 4, none (for A and B)



Definition of zones for avoidance of sources of ignition in accordance with TRGS 720 ff. Part 3

The flashpoint is not sufficiently above the storage temperature  
(See TRGS 720 ff. Part 1, Point 3.2 (3))

## C) Hazardous materials cabinet with technical ventilation

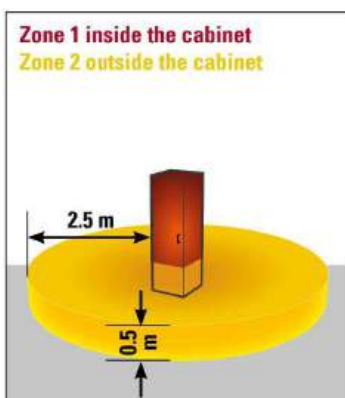
is present, the conditions for defining zone 1 (B) are not met for all points, containers are however tightly closed  
or

## D) Hazardous materials cabinet with natural ventilation

- is present and the following conditions are met:
- Containers are tightly closed and regularly checked to ensure sealing
  - The containers are not opened (no dispensing or filling, no sampling)
  - Containers are set down without external wetting with combustible liquids

## Protective measures to:

- TRGS 720 ff. Part 2, Point 2.4.4.3 (for C)  
TRGS 720 ff. Part 2, Point 2.4.4.2 (for D)  
TRGS 720 ff. Part 4, none (for C and D)



Definition of zones for avoidance of sources of ignition in accordance with TRGS 720 ff. Part 3

The flashpoint is not sufficiently above the storage temperature  
(See TRGS 720 ff. Part 1, Point 3.2 (3))

## E) Hazardous materials cabinet with natural ventilation

the conditions for defining zone 2 (D) are not met for all points, containers are however tightly closed

## Protective measures to:

- TRGS 720 ff. Part 2, Point 2.4.4.2 (for E)  
TRGS 720 ff. Part 4, none (for E)

## Chemicals cabinet Systema-Plus, with Type 30 hazmat box

Incl. hazardous materials box Type 30 for safe and legally compliant storage of flammable liquids in accordance with EN 14470-1 and HSG71 in single-walled sheet steel cabinets

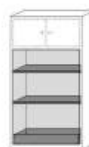
- No separate cabinet required for storing flammable liquids
- Safety box with spill pallet, self-closing doors and extractor connection (NW 75)
- Body in fine sheet steel with sturdy, high quality painted finish
- Integral adjustable feet - easy cabinet set up on uneven floors
- Natural ventilation via ventilation opening at the bottom
- Small volumes of flammable liquids (paint cans, touch-up pencils, spray cans, etc) Are stored in the type 30 safety box safely and in compliance with regulations
- Wing doors with cylinder lock



Chemicals cabinet systema-plus CS-30-T is user friendly with pull-out shelves



Small quantities of flammable liquids can be safely stored in the type 30 safety box So the systema-plus type CS-30 chemicals cabinet affords protection for flammable and water-polluting fluids



Model	CS-30-t	CS-30
Features	3 pull-out shelves	2 shelves, 1 spill pallet
External dimensions W x D x H [mm]	1055 x 520 x 1950	1055 x 520 x 1950
Shelf load capacity [kg]	–	100
Slide-out spill pallet load capacity [kg]	30	–
Slide-out spill pallet capacity [l]	34	–
Spillage decking capacity [l]	–	27
Order number	219-292-JB	219-293-JB
<b>Accessories</b>		
Order number Additional shelf	–	202-803-JB
Order number Perforated metal insert for floor spill pallet	–	202-811-JB
Order number Additional slide-out shelf	202-804-JB	–

### Available in 7 RAL colours



Please specify required door colour when ordering.  
Body colour: anthracite grey





## Chemicals cabinet with Type 30 hazmat box

Includes Type 30 hazardous materials box in accordance with EN 14470-1 for the legally compliant storage of flammable liquids (H224-226) in single-walled sheet steel cabinets

- No separate cabinet required for storing flammable liquids
- Safety box with spill pallet (5 litre), self-closing doors and extractor connection (NW 75)
- Small volumes of flammable liquids (paint cans, touch-up pencils, spray cans, etc) Are stored in the type 30 safety box safely and in compliance with regulations
- Chemicals cabinet with 2 spill trays and 1 tested, water-tight spill pallet (galvanised sheet steel)
- Sturdy, powder coated sheet steel construction

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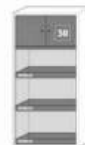
1

HAZARDOUS MATERIAL STORAGE



Detailed section: ventilation slits in the cabinet front

Ideal for the storage of very small quantities of flammable hazardous substances



Model	PSM 19 P	UWS 19 P
Features	2 spill trays, 1 floor spill pallet	2 spill trays, 1 floor spill pallet
Design	doors with ventilation slits	doors without ventilation slits
External dimensions W x D x H [mm]	950 x 500 x 1950	950 x 500 x 1950
Spill pallet load capacity [kg]	50	50
Body colour	Green	Blue
Door colour	Green	Red
Order number	165-279-JB	165-277-JB

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## Basis-Line fire-rated hazardous materials cabinets with 30 minutes fire protection, shelf and base spill pallet

- For the safe and legally compliant storage of flammable liquids with 30 minute fire protection in accordance with HSG71 and EN 14470-1
- Type 30 fire resistance is authorised provided only 1 cabinet is placed in each unit/fire compartment. If this compartment is larger than 100 m<sup>2</sup>, one cabinet is permitted per 100 m<sup>2</sup>
- Preparation of high value materials
- 2-tone modern, individual look
- Air extraction connection (NW 75) fitted in the roof of the cabinet



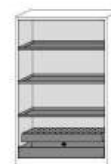
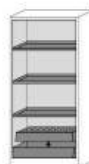
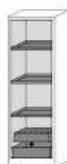
Accessible base for secure transport



Image shows cabinet with optional base panel

Basic-line hazardous materials storage cabinet, model 30-123, body anthracite grey (RAL 7016), doors in light grey (RAL 7035), optional ventilation kit

**Info for type 30 cabinets: HSG71 type 30 fire resistance is authorized provided only 1 cabinet is placed in each unit/fire compartment. If this fire compartment is larger than 100 m<sup>2</sup>, one cabinet is permitted per 100 m<sup>2</sup>.**



Model	30-63	30-93	30-123
Features	3 inlay shelves, sump and grid cover	3 inlay shelves, sump and grid cover	3 inlay shelves, sump and grid cover
External dimensions W x D x H [mm]	564 x 620 x 1947	864 x 620 x 1947	1164 x 620 x 1947
Internal dimensions W x D x H [mm]	450 x 519 x 1626	750 x 519 x 1626	1050 x 519 x 1626
Shelf load capacity [kg]	75	75	75
Spillage decking capacity [l]	22	23	33
Weight [kg]	180	235	280
Order number Door hinge: left	218-311-JB	218-327-JB	-
Order number Door hinge: right	218-319-JB	218-335-JB	-
Order number Door hinge: both sides	-	-	218-343-JB
<b>Accessories</b>			
Order number Additional shelf	116-987-JB	133-979-JB	116-975-JB
Order number Plinth panel	219-570-JB	219-572-JB	219-573-JB
Order number Plastic inlay spill pallets	133-976-JB	133-978-JB	116-939-JB



## Basis-Line fire rated hazardous materials cabinets with 30 minutes fire protection, slide-out spill trays and floor spill pallet

- For the safe and legally compliant storage of flammable liquids with 30 minute fire protection in accordance with HSG71 and EN 14470-1
- Tested spill pallet



Slide-out spill trays guarantee easy, visible storage. The floor spill pallet safely contains any leaked fluids

Image shows cabinet with optional base panel



Hazardous materials storage cabinet Basis-Line Model 30-66, with 6 slide-out spill trays and one floor spill pallet

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Available in 7 RAL colours



Please specify required door colour when ordering.  
Body colour: anthracite grey

Ventilation fittings, extraction fans and additional accessories can be found

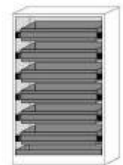
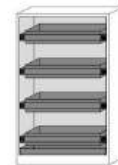
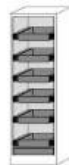
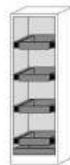
See page  
**146**



ORDER AT THE SAME TIME



The hazardous materials cabinet is supplied complete with accessible base. This can be covered with the optionally available base panel.



Model	30-64	30-66	30-124	30-126
Features	4 slide-out spill trays	6 slide-out spill trays	4 slide-out spill trays	6 slide-out spill trays
External dimensions W x D x H [mm]	564 x 620 x 1947	564 x 620 x 1947	1164 x 620 x 1947	1164 x 620 x 1947
Internal dimensions W x D x H [mm]	450 x 519 x 1626	450 x 519 x 1626	1050 x 519 x 1626	1050 x 519 x 1626
Slide-out spill pallet load capacity [kg]	25	25	60	60
Slide-out spill pallet capacity [l]	4	4	30	30
Spillage decking capacity [l]	11	11	33	33
Weight [kg]	190	204	311	343
Order number Door hinge: left	218-351-JB	218-391-JB	-	-
Order number Door hinge: right	218-359-JB	218-399-JB	-	-
Order number Door hinge: both sides	-	-	218-383-JB	218-423-JB
<b>Accessories</b>				
Order number Plastic inlay spill pallets	148-590-JB	148-590-JB	148-583-JB	148-583-JB
Order number Plinth panel	219-570-JB	219-570-JB	219-573-JB	219-573-JB

## Edition G fire-rated hazardous materials cabinets with slide out spill trays

- For the safe and legally compliant storage of flammable liquids with 90 minute fire protection in accordance with HSG71 and EN 14470-1
- Inner surfaces have a highly chemical-resistant, impact and scratch-proof plastic coating, easy to clean
- Tested floor spill pallet. Cabinets with slide-out spill trays are supplied with an additional floor spill pallet

Ventilation fittings, extraction fans and additional accessories can be found



See page **146**

Tested spill pallet



The number and size of the containers to be stored is important to know for hazardous materials storage. With 4 slide-out sumps you'll have more choice of small container sizes.

while 6 slide-out spill trays are ideally suited to small containers.

### ORDER AT THE SAME TIME

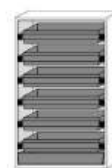
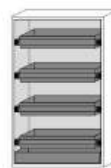
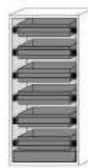
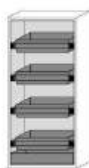
Delivery free to place of use

Order no. 190-347-JB

Testing hazardous materials cabinet

Hazardous materials cabinet annual maintenance

Order no. 184-429-JB



Model	Ga-900-4	Ga-900-6	Ga-1200-4	Ga-1200-6
Features	4 slide-out spill trays	6 slide-out spill trays	4 slide-out spill trays	6 slide-out spill trays
External dimensions W x D x H [mm]	896 x 616 x 1968	896 x 616 x 1968	1196 x 616 x 1968	1196 x 616 x 1968
Internal dimensions W x D x H [mm]	750 x 524 x 1742	750 x 524 x 1742	1050 x 524 x 1742	1050 x 524 x 1742
Slide-out spill pallet load capacity [kg]	60	60	60	60
Slide-out spill pallet capacity [l]	19	19	30	30
Spillage decking capacity [l]	22	22	33	33
Weight [kg]	391	418	473	505
Order number safety yellow (RAL 1004)	218-431-JB	218-433-JB	218-435-JB	218-437-JB
Order number Light grey (RAL 7035)	218-432-JB	218-434-JB	218-436-JB	218-438-JB
<b>Accessories</b>				
Order number Plastic inlay spill pallets	-	-	148-583-JB	148-583-JB
Order number Transport base for hazardous materials cabinet W 1200 mm	-	-	165-319-JB	165-319-JB
Order number Transport base for hazardous materials cabinet W 900 mm	195-611-JB	195-611-JB	-	-