

### Safety cabinets for pressurised gas cylinders

Pressurised gas cylinders containing toxic, self-igniting, flammable or fire-causing gases are necessary for many processes in the laboratory. In case of leak or fire, the pressurised gas cylinders are a substantial potential hazard and must be safely housed according to the legal requirements and regulations. As an alternative to a centralised gas supply or outdoor storage, pressurised gas cylinders may also be stored in working spaces in safety cabinets according to EN 14470-2 and DIN EN 14727. DUEPERTHAL offers a complete range of cabinets for storing pressurised gas cylinders in working spaces, as well as outdoors. The cabinets comply with the current relevant standards and provide the operator with the necessary safety.

### Efficient air flow system

The new models SUPREME line plus and ECO line plus are equipped with an efficient air flow system and, as a result, they have a lower energy consumption. This decreases your operating costs and additionally offers maximum protection in accordance with DIN EN 14470-2.

### GS certification

Since 2006 already, TÜV Süd has certified all DUEPERTHAL safety cabinets within the framework of the GS certification additionally to the criteria of the laboratory standard DIN EN 14727. These criteria have now become mandatory as of 1st January 2012. As a consequence, some producers have to undergo the certification process anew to obtain the GS mark. DUEPERTHAL safety cabinets have already been certified according to the latest standards and requirements and have additionally been awarded the „High Quality“ mark of approval by TÜV Süd for product design, user friendliness, durability and product quality.

### Operating conditions

Safety cabinets according to EN 14470-2 must be connected to an industrial venting system that leads to and discharges in a safe place outdoors. The cabinet must have a tenfold air exchange rate, (at least 120-fold air exchange for low toxicity, toxic and very toxic gases), the pressure drop must not be greater than 150 Pa inside the cabinet.

### Manufacturing controls

Each cabinet is tested for perfect quality and function during the assembly process and before delivery. Production is regularly monitored, checked and assessed within the scope of our quality management system according to DIN EN ISO 9001. Apart from our own in-house checks, production of the safety cabinets is also continuously monitored by accredited inspection bodies. All details of the series product are checked to ensure they are the same as the tested type.

### Directives/Regulations/Laws

The websites listed below provide up-to-date information on directives, regulations and laws in Germany and the European Union. This information is available free of charge:

[www.baua.de](http://www.baua.de)  
[www.eur-lex.europa.eu](http://www.eur-lex.europa.eu)  
[www.reach-helpdesk.de](http://www.reach-helpdesk.de)

### Delivery period




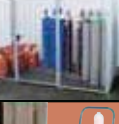

Delivery period on request.

### Tests

The products satisfy current state of the art standards, the safety requirements and the relevant regulations.

# Safety cabinets for pressurised gas cylinders

# 3

		Page
<b>New</b>		<b>3.1 SUPREME line plus Type G90</b> - with efficient air flow system <b>202</b>
<b>New</b>		<b>3.2 ECO line plus Type G30</b> - with efficient air flow system <b>210</b>
<b>New</b>		<b>3.3 Gas cylinder depots</b> <b>218</b>
		<b>3.4 Gas cylinder container/boxes</b> <b>219</b>
<b>New</b>		<b>3.5 Handling gas cylinders</b> <b>220</b>

### Information

Subject to technical amendments. All dimensions and technical information are approximate. No liability will be accepted for mistakes or printing errors.

**3.1**



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# SUPREME line

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New

ORIGINAL  
DÜPERTHAL  
SUPREME LINE  
PLUS

3.1

plus Type G90

Safety cabinets for  
pressurised gas cylinders





# SUPREME line plus

## Safety cabinets for pressurised gas cylinders

**Fire resistance of 90 minutes for a temperature increase of 50 Kelvin measured at the neck of the gas cylinder.**

**Safety cabinets with efficient air flow system for safe storage, provision and emptying of pressurised gas cylinders.**

3.1

**Tested safety at a high level including:**



**Tested safety at a high level including:**

- Type testing according to DIN EN 14470-2 and DIN EN 14727 by recognised test institutes (TÜV Süd, ift Rosenheim).
- TÜV-tested to DIN EN 14727 (laboratory furniture standard).
- Certification by recognised test institute TÜV Süd, according to latest requirements by EK5/AK4 09-10.
- Classification Type G90 in accordance with DIN EN 14470-2.
- GS/CE mark.
- High-Quality mark of approval for upper level style, user-friendliness and increased lifetime.

**Construction:**

- Wing doors sheet steel, powder-coated.
- Outer carcass sheet steel, powder-coated.
- Inner carcass made from high-quality decor panels.

**Interior fittings:**

- Two installation rails for holding gas fittings.
- One cylinder holder each with one retaining belt per standing space.
- One damped roll-in flap.
- Integrated drilling template.

**Colour:**

- Wing doors optionally in ruby red RAL 3003 or light grey RAL 7035.
- Complete carcass in light grey RAL 7035.
- Individual colour wishes possible.



Efficient ventilation and extraction in the whole of the cabinet ensure a low energy consumption when the cabinet is connected to an industrial exhaust air system.



Direct connection possible to purge gas pipes in the exhaust air duct depending on the media used.



Ergonomically arranged and easy-moving activation of the roll-in flap.



Standard adjustable cylinder holders with retaining belts to optimally secure and position pressurized gas cylinders.





**DUEPERTHAL®**

**New**

**Type G90**



*for our environment*

# in detail



**3.1**



Maximum flexibility through standard adjustable installation rails - ideal to read the fittings ergonomically and without reflections.



The penetrations for pipes and cables are already prepared on the cabinet ceiling and the cabinet ceiling has the corresponding drilling pattern on it. An additional seal or holder is not necessary.



Optimised interior height enables maximum comfort during installation and for operation of the gas cylinder fittings.



The door opening angle is continuously adjustable up to 170° and provides optimum freedom to work.



Easy equipping and storage of 10-litre gas cylinders with gas cylinder trolley 7.00.611 – from page 221.



**SUPREME S** - easy moving rollers enable mobile use, ideal for hospitals and small, decentralised laboratory units.



### SUPREME line plus - Safety cabinets



width 595 mm

SUPREME S



width 595 mm

SUPREME plus M



width 895 mm

SUPREME plus L



width 1395 mm

SUPREME plus XXL

## DIN EN 14470-2



High Quality!

## DIN EN 14727

LABORATORY FURNITURE STANDARD

### SUPREME line plus

#### 3.1.1 SUPREME S



### DIN EN CE

#### SUPREME S with:

1 cylinder holder with 2 retaining belts, 2 horizontal installation rails and roll-in flap

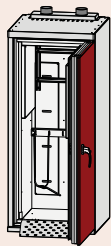
Ref. no.

- Interior fittings, sheet steel

79-130660-001

#### Accessories

	Material	Width in mm	Depth in mm	Height in mm	Ref. no.
- Intermediate shelf	Sheet steel	430	380	35	73-80660-120
- Installation rails (2 pcs.)	Sheet steel				73-80660-150
- Handle, profile half-cylinder	Aluminium				73-70000-089
- Handle, profile half-cylinder	Stainless steel				73-70000-289
- Roller set					79-70000-010
- Exhaust air system or ventilator					from page 223
- Gas cylinder trolley					from page 221



#### Dimensions and weight

	Outer	Inner
Width in mm	595	438
Depth in mm	610	408
Height in mm	1444	1193

Weight in kg 290

For further technical details, see pages 208 and 209.

#### Max. storage capacity

Quantity	Type of container	Volume
6	Gas cylinder*	1 litre
2	Gas cylinder*	10 litre

#### \*Gas cylinders - dimensions

Volume	Ø in mm
1 litre	95
10 litre	140

#### 3.1.2 SUPREME plus M



### DIN EN CE

New

#### SUPREME plus M with:

1 cylinder holder with 1 retaining belt, 2 horizontal installation rails and roll-in flap

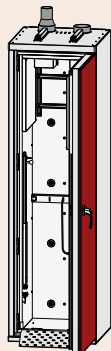
Ref. no.

- Interior fittings, sheet steel

79-200660-011

#### Accessories

	Material	Width in mm	Depth in mm	Height in mm	Ref. no.
- Intermediate shelf	Sheet steel	430	380	35	79-80660-120
- Installation rails (2 pcs.)	Sheet steel				79-80660-150
- Shelf for side installation incl. cylinder holder	Sheet steel	220	347	220	79-70000-119
- Handle, profile half-cylinder	Aluminium				73-70000-089
- Handle, profile half-cylinder	Stainless steel				73-70000-289
- Exhaust air system or ventilator					from page 223
- Gas cylinder trolley					from page 221



#### Dimensions and weight

	Outer	Inner
Width in mm	595	438
Depth in mm	610	392
Height in mm	2099	1848

Weight in kg 385

For further technical details, see pages 208 and 209.

#### Max. storage capacity

Quantity	Type of container	Volume
1	Gas cylinder*	50 litre
2	Gas cylinder*	10 litre

#### \*Gas cylinders - dimensions

Volume	Ø in mm
10 litre	140
50 litre	229

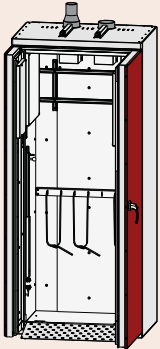


### 3.1.3 SUPREME plus L



DIN EN CE

New



#### SUPREME plus L with:

1 cylinder holder with 3 retaining belts, 2 horizontal installation rails and roll-in flap

Ref. no.

- Interior fittings, sheet steel

79-200960-011

#### Accessories

	Material	Width in mm	Depth in mm	Height in mm	Ref. no.
- Intermediate shelf	Sheet steel	730	380	35	79-80960-120
- Installation rails (2 pcs.)	Sheet steel				79-80960-150
- Shelf for side installation incl. cylinder holder	Sheet steel	220	347	220	79-70000-119
- Handle, profile half-cylinder	Aluminium				73-70000-089
- Handle, profile half-cylinder	Stainless steel				73-70000-289
- Exhaust air system or ventilator					from page 223
- Gas cylinder trolley					from page 221

#### Dimensions and weight

	Outer	Inner
Width in mm	895	738
Depth in mm	610	408
Height in mm	2099	1848
Weight in kg	524	

For further technical details, see pages 208 and 209.

#### Max. storage capacity

Quantity	Type of container	Volume
2-3	Gas cylinder*	50 litre
4	Gas cylinder*	10 litre

#### \*Gas cylinders - dimensions

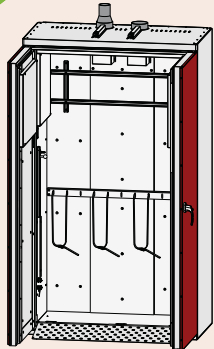
Volume	Ø in mm
10 litre	140
50 litre	229

### 3.1.4 SUPREME plus XL



DIN EN CE

New



#### SUPREME plus XL with:

1 cylinder holder with 4 retaining belts, 2 horizontal installation rails and roll-in flap

Ref. no.

- Interior fittings, sheet steel

79-201260-011

#### Accessories

	Material	Width in mm	Depth in mm	Height in mm	Ref. no.
- Intermediate shelf	Sheet steel	1030	380	35	79-81260-120
- Installation rails (2 pcs.)	Sheet steel				79-81260-150
- Shelf for side installation incl. cylinder holder	Sheet steel	220	347	220	79-70000-119
- Handle, profile half-cylinder	Aluminium				73-70000-089
- Handle, profile half-cylinder	Stainless steel				73-70000-289
- Exhaust air system or ventilator					from page 223
- Gas cylinder trolley					from page 221

#### Dimensions and weight

	Outer	Inner
Width in mm	1195	1038
Depth in mm	610	408
Height in mm	2099	1848
Weight in kg	655	

For further technical details, see pages 208 and 209.

#### Max. storage capacity

Quantity	Type of container	Volume
3-4	Gas cylinder*	50 litre
6	Gas cylinder*	10 litre

#### \*Gas cylinders - dimensions

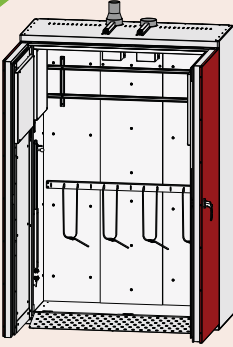
Volume	Ø in mm
10 litre	140
50 litre	229

### 3.1.5 SUPREME plus XXL



DIN EN CE

New



#### SUPREME plus XXL with:

1 cylinder holder with 4 retaining belts, 2 horizontal installation rails and roll-in flap

Ref. no.

- Interior fittings, sheet steel

79-201460-011

#### Accessories

	Material	Width in mm	Depth in mm	Height in mm	Ref. no.
- Intermediate shelf	Sheet steel	1230	380	35	79-81460-120
- Installation rails (2 pcs.)	Sheet steel				79-81460-150
- Shelf for side installation incl. cylinder holder	Sheet steel	220	347	220	79-70000-119
- Handle, profile half-cylinder	Aluminium				73-70000-089
- Handle, profile half-cylinder	Stainless steel				73-70000-289
- Exhaust air system or ventilator					from page 223
- Gas cylinder trolley					from page 221

#### Dimensions and weight

	Outer	Inner
Width in mm	1395	1238
Depth in mm	610	408
Height in mm	2099	1848
Weight in kg	740	

For further technical details, see pages 208 and 209.

#### Max. storage capacity

Quantity	Type of container	Volume
4	Gas cylinder*	50 litre
8	Gas cylinder*	10 litre

#### \*Gas cylinders - dimensions

Volume	Ø in mm
10 litre	140
50 litre	229



## Accessories



**Intermediate shelf**



**Shelf for side installation**



**Cylinder racks**,  
e. g. for ECOCYL® cylinder,  
on request.



**Shelf**  
Optional shelf for screw caps  
to be mounted on cylinder  
holder on request.



**Profile half-cylinder**  
The lock is optional available  
with profile half-cylinder and  
for integration in lock systems.

# 3.1

## Technical specifications - SUPREME line plus

### Technical data:

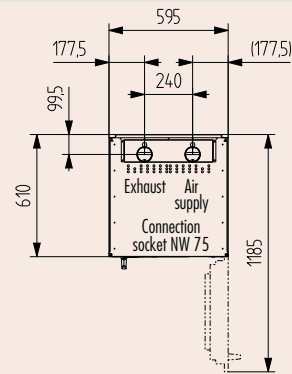
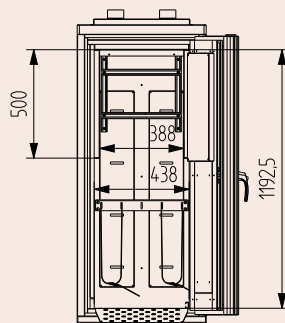
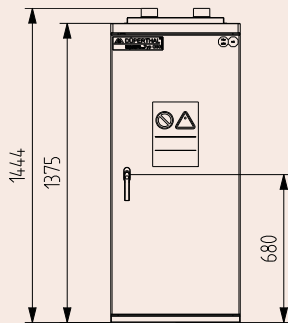
		Model size				
		S	M	L	XL	XXL
Volumetric flow rate for 10-fold air exchange	in approx. m <sup>3</sup> /h	2,2	3,3	5,6	7,8	9,5
Pressure drop in cabinet/drag reduction at exhaust air outlet at 10-fold air exchange	in Pa.	<1 / <1	<1 / <1	<1 / <1	<1 / 4	<1 / 6
Volumetric flow rate for 120-fold air exchange	in approx. m <sup>3</sup> /h	25,5	40	67	94	114
Pressure drop in cabinet/drag reduction at exhaust air outlet at 120-fold air exchange	in Pa.	<150 / 29	<150 / 40	<150 / 110	<150 / 210	<150 / 307
Load bearing capacity with uniformly distributed load intermediate shelf/shelf for side installation	in kg	50/60	50/60	50/60	50/60	50/60

### Front view

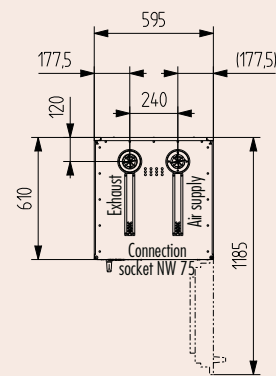
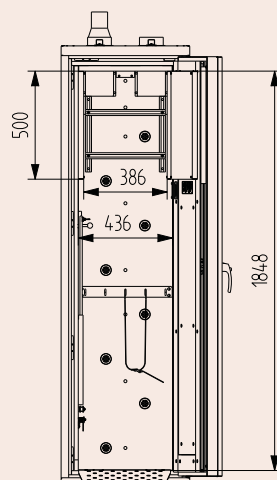
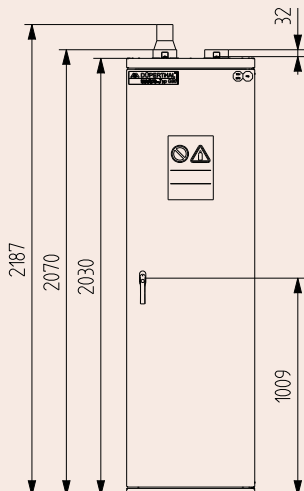
### Interior view

### Top view

#### SUPREME S



#### SUPREME plus M





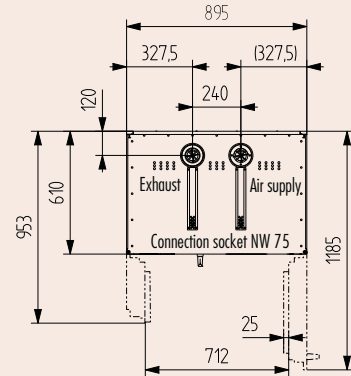
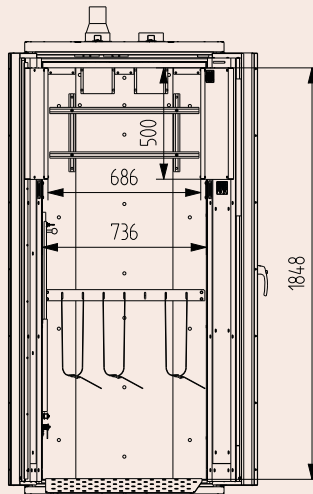
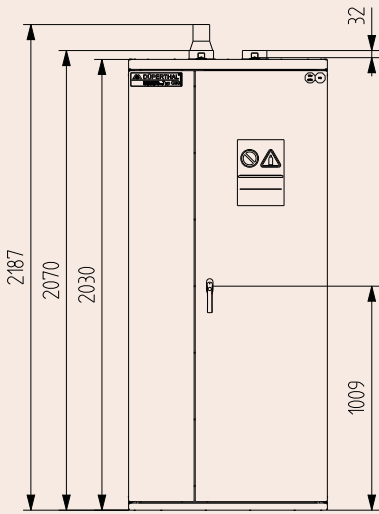


Front view

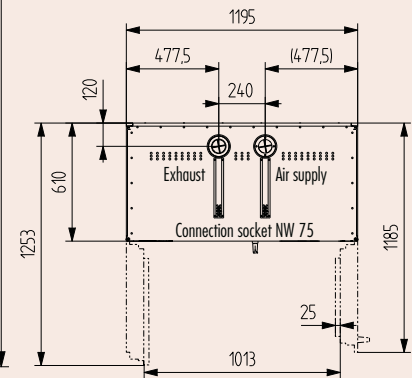
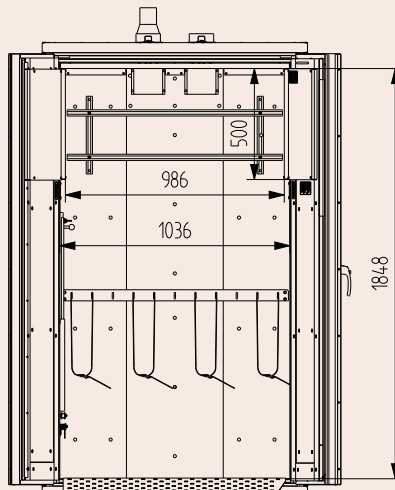
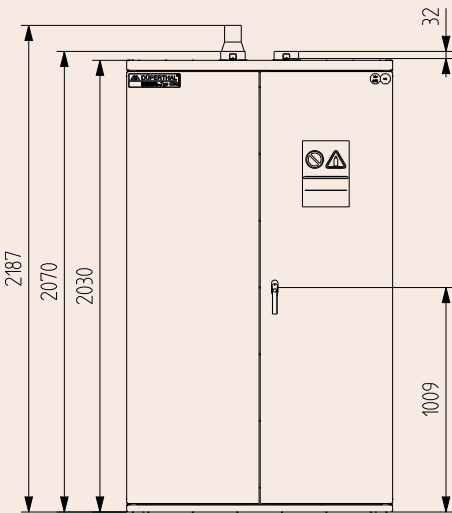
Interior view

Top view

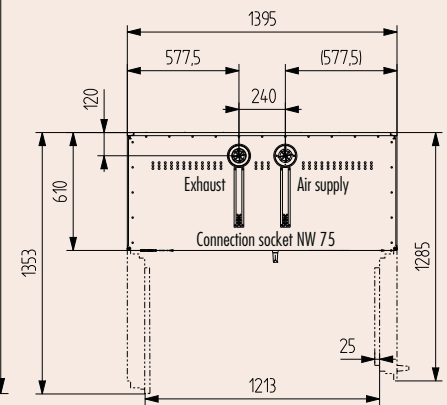
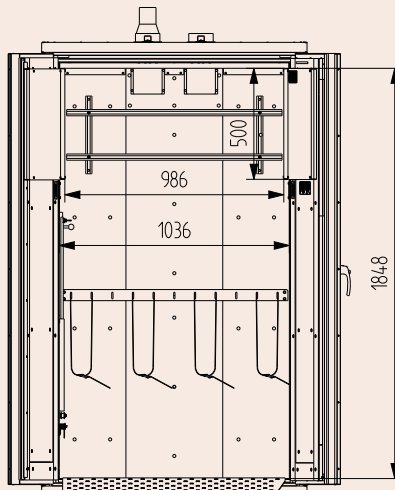
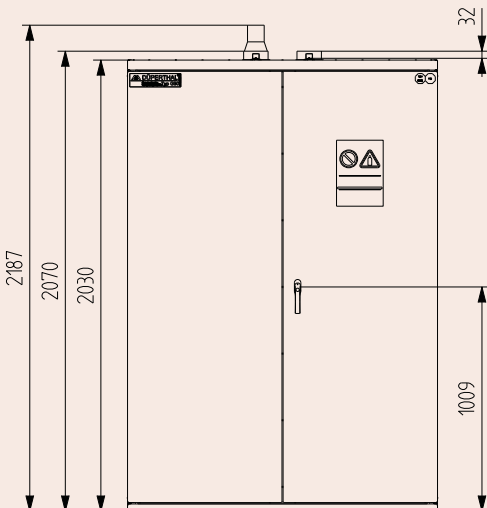
## SUPREME plus L



## SUPREME plus XL



## SUPREME plus XXL



**3.2**



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# ECO line plus

New

ORIGINAL  
DÜPERTHAL  
ECO LINE  
PLUS

3.2

# Type G30

Safety cabinets for  
pressurised gas cylinders





# ECO line plus

## Safety cabinets for pressurised gas cylinders

Fire resistance of 30 minutes for a temperature increase of 50 Kelvin measured at the neck of the gas cylinder.

Safety cabinets with efficient air flow system for safe storage, provision and emptying of pressurised gas cylinders.

3.2

Tested safety at a high level including:



### Tested safety at a high level including:

- Type testing according to DIN EN 14470-2 and DIN EN 14727 by recognised test institutes (TÜV Süd, ift Rosenheim).
- TÜV-tested to DIN EN 14727 (laboratory furniture standard).
- Certification by recognised test institute TÜV Süd, according to latest requirements by EK5/AK4 09-10.
- Classification Type G30 in accordance with DIN EN 14470-2.
- GS/CE mark.
- High-Quality mark of approval for upper level style, user-friendliness and increased lifetime.

### Construction:

- Wing doors sheet steel, powder-coated.
- Outer carcass sheet steel, powder-coated.
- Inner carcass made from high-quality decor panels.

### Interior fittings:

- Two installation rails for holding gas fittings.
- One cylinder holder each with one retaining belt per standing space.
- One damped roll-in flap.
- Integrated drilling template.

### Colour:

- Wing doors optionally in ruby red RAL 3003 or light grey RAL 7035.
- Complete carcass in light grey RAL 7035.
- Individual colour wishes possible.



Efficient ventilation and extraction in the whole of the cabinet ensure a low energy consumption when the cabinet is connected to an industrial exhaust air system.



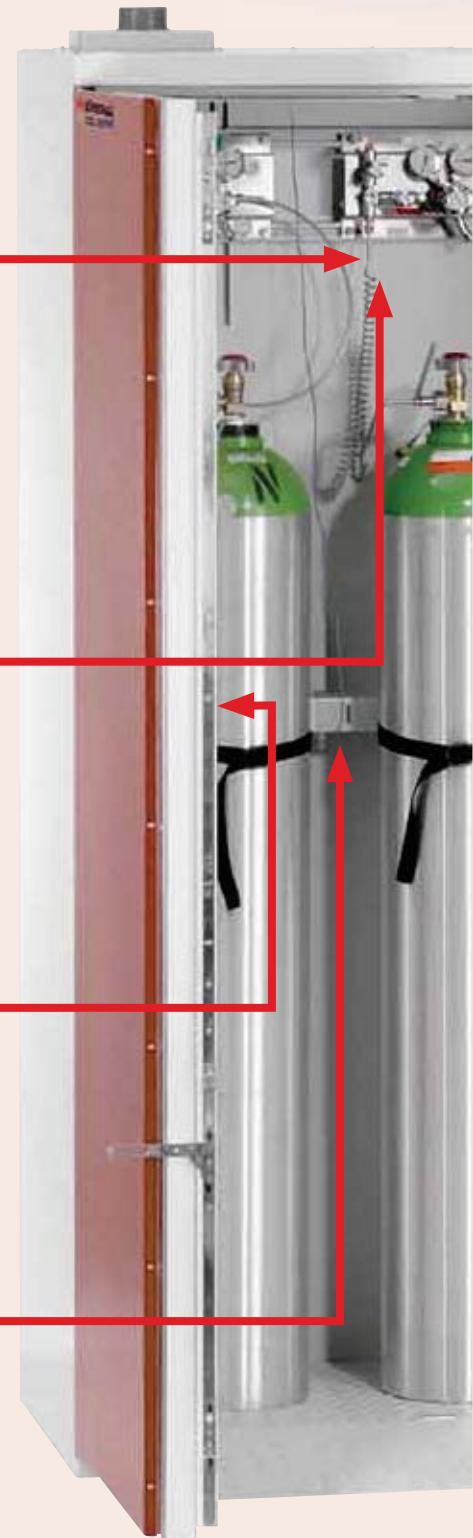
Direct connection possible to purge gas pipes in the exhaust air duct depending on the media used.



Ergonomically arranged and easy-moving activation of the roll-in flap.



Standard adjustable cylinder holders with retaining belts to optimally secure and position pressurized gas cylinders.





# New

Type G30

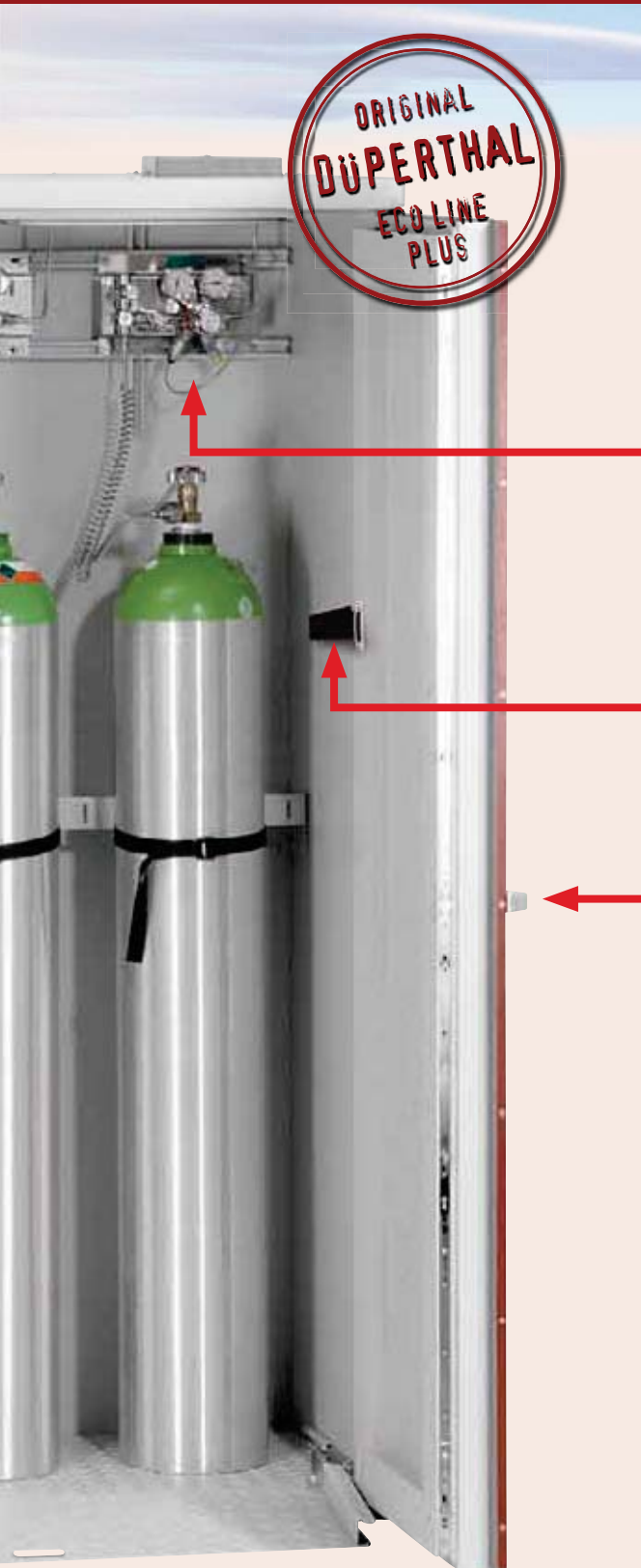


for our environment

## in detail



# 3.2



Maximum flexibility through standard adjustable installation rails - ideal to read the fittings ergonomically and without reflections.



The penetrations for pipes and cables are already prepared on the cabinet ceiling and the cabinet ceiling has the corresponding drilling pattern on it. An additional seal or holder is not necessary.



Ergonomic lock positioning at handle (working) height and integrated cylinder lock.



The door opening angle is continuously adjustable up to 170° and provides optimum freedom to work.



Easy equipping and storage of 10-litre gas cylinders with gas cylinder trolley 7.00.610 – from page 221.



Optimised interior height enables maximum comfort during installation and for operation of the gas cylinder fittings.



### ECO line plus - Safety cabinets



width 595 mm



width 895 mm



width 1195 mm



width 1395 mm

ECO plus M

ECO plus L

ECO plus XL

ECO plus XXL

## DIN EN 14470-2



High Quality!

## DIN EN 14727

LABORATORY FURNITURE STANDARD

# 3.2



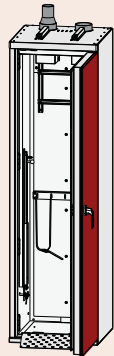
### ECO line plus

#### 3.2.1 ECO plus M



## DIN EN CE

New



#### ECO plus M with:

1 cylinder holder with 2 retaining belts, 2 horizontal installation rails and roll-in flap

Ref. no.

- Interior fittings, sheet steel

73-200660-011

#### Accessories

	Material	Width in mm	Depth in mm	Height in mm	Ref. no.
- Intermediate shelf	Sheet steel	430	380	35	73-80660-120
- Installation rails (2 pcs.)	Sheet steel				73-80660-150
- Shelf for side installation incl. cylinder holder	Sheet steel	220	347	220	73-70000-119
- Handle, profile half-cylinder	Aluminium				73-70000-089
- Handle, profile half-cylinder	Stainless steel				73-70000-289
- Exhaust air system or ventilator					from page 223
- Gas cylinder trolley					from page 221

#### Dimensions and weight

		Outer	Inner
Width	in mm	595	500
Depth	in mm	595	404
Height	in mm	2099	1880
Weight	in kg	283	

For further technical details, see pages 216 and 217.

#### Max. storage capacity

Quantity	Type of container	Volume
1-2	Gas cylinder*	50 litre
2	Gas cylinder*	10 litre

#### \*Gas cylinders - dimensions

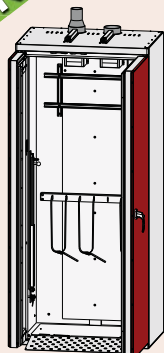
Volume	Ø in mm
10 litre	140

#### 3.2.2 ECO plus L



## DIN EN CE

New



#### ECO plus L with:

1 cylinder holder with 3 retaining belts, 2 horizontal installation rails and roll-in flap

Ref. no.

- Interior fittings, sheet steel

73-200960-011

#### Accessories

	Material	Width in mm	Depth in mm	Height in mm	Ref. no.
- Intermediate shelf	Sheet steel	730	380	35	73-80960-120
- Installation rails (2 pcs.)	Sheet steel				73-80960-150
- Shelf for side installation incl. cylinder holder	Sheet steel	220	347	220	73-70000-119
- Handle, profile half-cylinder	Aluminium				73-70000-089
- Handle, profile half-cylinder	Stainless steel				73-70000-289
- Exhaust air system or ventilator					from page 223
- Gas cylinder trolley					from page 221

#### Dimensions and weight

		Outer	Inner
Width	in mm	895	800
Depth	in mm	595	439
Height	in mm	2099	1880
Weight	in kg	420	

For further technical details, see pages 216 and 217.

#### Max. storage capacity

Quantity	Type of container	Volume
2	Gas cylinder*	50 litre
4	Gas cylinder*	10 litre

#### \*Gas cylinders - dimensions

Volume	Ø in mm
10 litre	140
50 litre	229



### 3.2.3 ECO plus XL



DIN EN CE

New

#### ECO plus XL with:

1 cylinder holder with 4 retaining belts, 2 horizontal installation rails and roll-in flap

Ref. no.

- Interior fittings, sheet steel

73-201260-011

#### Accessories

	Material	Width in mm	Depth in mm	Height in mm	Ref. no.
- Intermediate shelf	Sheet steel	1030	380	35	73-81260-120
- installation rails (2 pcs.)	Sheet steel				73-81260-150
- Shelf for side installation incl. cylinder holder	Sheet steel	220	347	220	73-70000-119
- Handle, profile half-cylinder	Aluminium				73-70000-089
- Handle, profile half-cylinder	Stainless steel				73-70000-289
- Exhaust air system or ventilator					from page 223
- Gas cylinder trolley					from page 221

#### Dimensions and weight

	Outer	Inner
Width in mm	1195	1100
Depth in mm	595	439
Height in mm	2099	1880
Weight in kg	523	

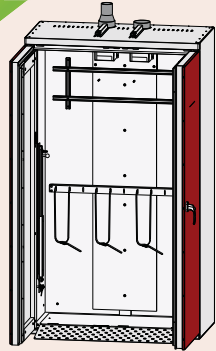
For further technical details, see pages 216 and 217.

#### Max. storage capacity

Quantity	Type of container	Volume
3-4	Gas cylinder*	50 litre
6	Gas cylinder*	10 litre

#### \*Gas cylinders - dimensions

Volume	Ø in mm
10 litre	140
50 litre	229



### 3.2.4 ECO plus XXL



DIN EN CE

New

#### ECO plus XXL with:

1 cylinder holder with 4 retaining belts, 2 horizontal installation rails and roll-in flap

Ref. no.

- Interior fittings, sheet steel

73-201460-011

#### Accessories

	Material	Width in mm	Depth in mm	Height in mm	Ref. no.
- Intermediate shelf	Sheet steel	1230	380	35	73-81460-120
- Installation rails (2 pcs.)	Sheet steel				79-81460-150
- Shelf for side installation incl. cylinder holder	Sheet steel	220	347	220	79-70000-119
- Handle, profile half-cylinder	Aluminium				73-70000-089
- Handle, profile half-cylinder	Stainless steel				73-70000-289
- Exhaust air system or ventilator					from page 223
- Gas cylinder trolley					from page 221

#### Dimensions and weight

	Outer	Inner
Width in mm	1395	1300
Depth in mm	595	439
Height in mm	2099	1880
Weight in kg	588	

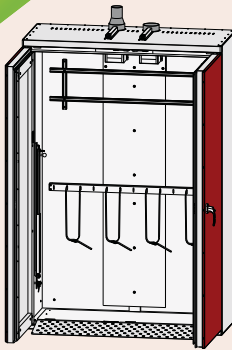
For further technical details, see pages 216 and 217.

#### Max. storage capacity

Quantity	Type of container	Volume
4	Gas cylinder*	50 litre
8	Gas cylinder*	10 litre

#### \*Gas cylinders - dimensions

Volume	Ø in mm
10 litre	140
50 litre	229



# 3.2





## Accessories



**Intermediate shelf**



**Shelf for side installation**



**Cylinder rack**,  
e. g. for ECOCYL® cylinder,  
on request.



**Shelf**  
Optional shelf for screw caps  
to be mounted on cylinder  
holder on request.



**Profile half-cylinder**  
The lock is optional available  
with profile half-cylinder and  
for integration in lock systems.

# 3.2

## Technical specifications - ECO line plus

### Technical data:

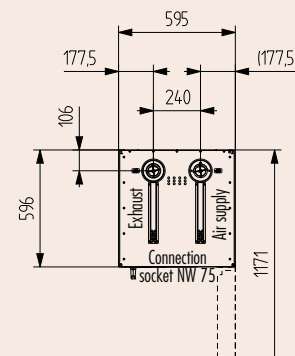
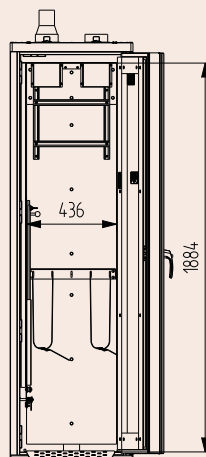
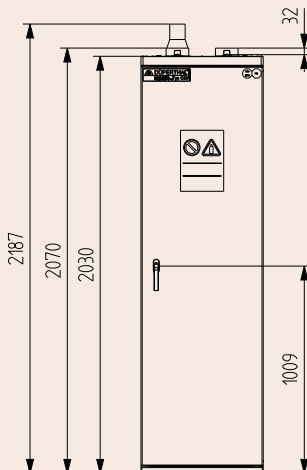
		Model size			
		M	L	XL	XXL
Volumetric flow rate for 10-fold air exchange	in approx. m <sup>3</sup> /h	4	6.5	8.4	10
Pressure drop in cabinet/drag reduction at exhaust air outlet at 10-fold air exchange	in Pa.	<1 / <1	<1 / <1	<1 / 5	<1 / 7
Volumetric flow rate for 120-fold air exchange	in approx. m <sup>3</sup> /h	47	76	105	124
Pressure drop in cabinet/drag reduction at exhaust air outlet at 120-fold air exchange	in Pa.	<150 / 58	<150 / 135	<150 / 245	<150 / 330
Load bearing capacity with uniformly distributed load intermediate shelf/shelf for side installation	in kg	50/60	50/60	50/60	50/60

### Front view

### Interior view

### Top view

### ECO plus M





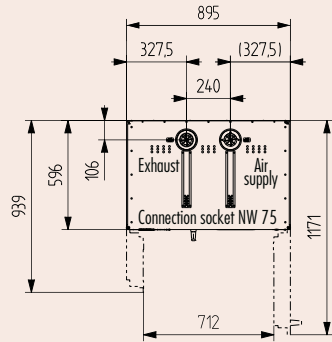
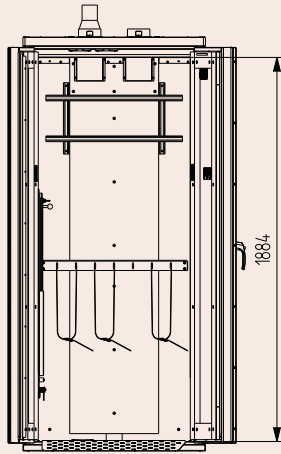
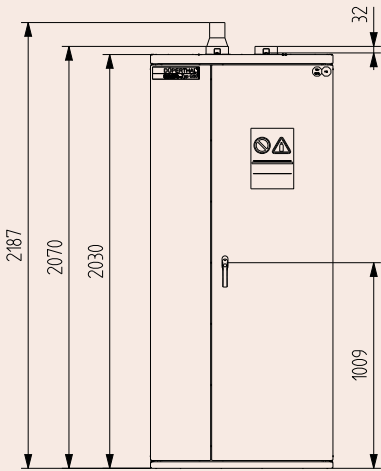


### Front view

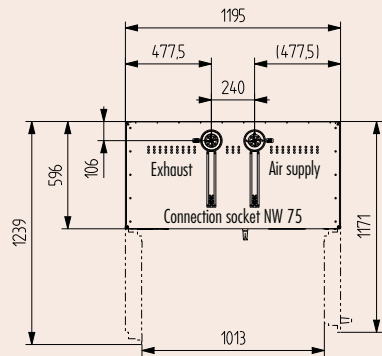
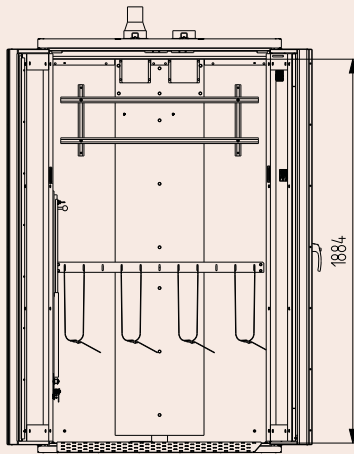
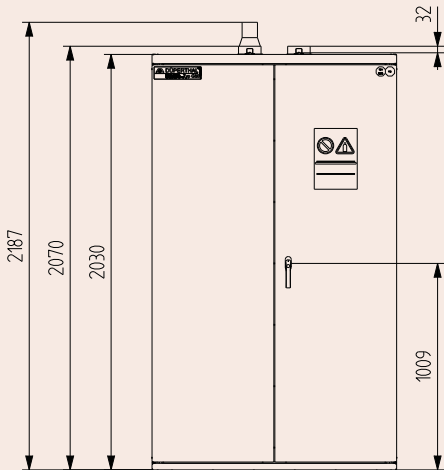
### Interior view

### Top view

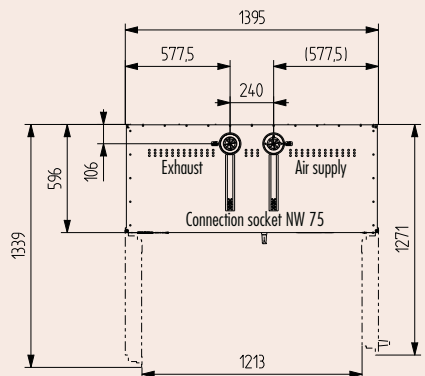
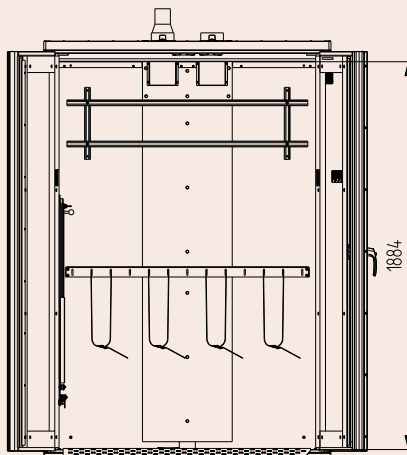
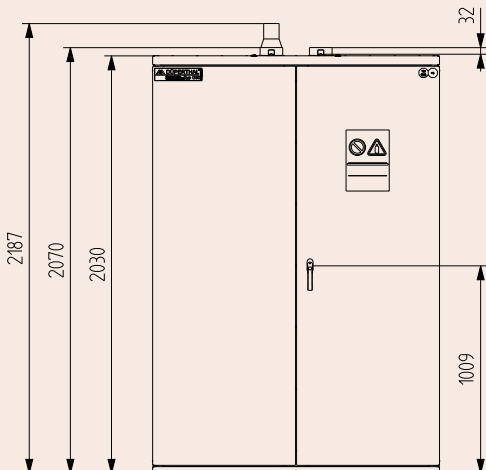
#### ECO plus L



#### ECO plus XL



#### ECO plus XXL





## Gas cylinder depots

### 3.3.1 Gas cylinder depots

For storing gas cylinders outdoors.



Sheet steel construction - 1.5 mm thick material - optional with inspection glass.

- ▶ No safety distances required around the gas cylinder depot.
- ▶ Polyester powder coating RAL 9002 grey-white upon galvanised basic material.
- ▶ Good corrosion resistance.
- ▶ 3-sided locking through lever handle with security cylinder lock, at an ergonomically favourable height.
- ▶ Earthing possibility on the depot top.
- ▶ Chequer plate floor - material thickness 3.5 mm.
- ▶ 2 openings of 22 mm diameter for 13.5 mm pipe fittings in the cabinet top per cylinder storage space (closed with plastic grommets).
- ▶ 2 horizontal installation rails provided for fittings.
- ▶ A cylinder holder with one retaining belt per standing space.
- ▶ Prepared for ground fixing.
- ▶ Natural ventilation and extraction in accordance with TRG 280.
- ▶ Marked with warning symbol W19.

Gas cylinder depot ① without inspection glass - **XL 1** and ② with inspection glass - **XL 2** and with gas cylinder trolley ③ - **7.00.610**



Intermediate shelf



Side shelf - **70-90040-115**



Red-Box - **2.233.04**

#### Ordering information/Technical data/Dimensions

Model	Inspection glass*	Places for 50 l bottles	Width in mm	Height in mm	Depth in mm	Depth in mm incl. overhang	No. of doors	Weight in kg	Load bearing capacity** in kg	Ref. no.
<b>Gas cylinder depot M 1</b>	-	2	650	2050	400	500	1	85	-	<b>70-200740-001</b>
<b>Gas cylinder depot M 2</b>	●	2	650	2050	400	500	1	85	-	<b>70-200740-003</b>
<b>Gas cylinder depot L 1</b>	-	3	950	2050	400	500	2	103	-	<b>70-201040-001</b>
<b>Gas cylinder depot L 2</b>	●	3	950	2050	400	500	2	103	-	<b>70-201040-003</b>
<b>Gas cylinder depot XL 1</b>	-	4	1250	2050	400	500	2	125	-	<b>70-201340-001</b>
<b>Gas cylinder depot XL 2</b>	●	4	1250	2050	400	500	2	125	-	<b>70-201340-003</b>

#### Accessories

- Intermediate shelf for models M 1, L 2	610	320	150	<b>70-90740-114</b>
- Intermediate shelf for models L 1, L 2	910	320	150	<b>70-91040-114</b>
- Intermediate shelf for models XL 1, XL 2	1210	320	150	<b>70-91340-114</b>
- Side shelf with U-shaped for all models	340	300	40	<b>70-90040-115</b>
- Red-Box				<b>2.233.04</b>

\*one inspection glass per wing door / \*\* max. load bearing capacity with uniformly distributed load

# 3.3





## Gas cylinder containers and boxes

### 3.4.1 Gas cylinder container

For outdoor storage of gas cylinders in accordance with the regulations.

Stable frame construction - surface hot-dip galvanised according to EN ISO 1461.

- ▶ Lockable wing gate.
- ▶ Designed according to TRG 280
- ▶ Prepared for ground fixing.
- ▶ Modular system with assembly instructions for self-assembly.



Holding devices - 2x **7.80.198\*** with chain



Gas cylinder container - **7.80.228\*** without roof



Gas cylinder rack - 2x **7.80.199\*** stocked singly or two on top of each other



Gas cylinder container - **7.80.128\*** with roof and double wing gate - **7.80.328\***

#### Ordering information/Technical data/Dimensions

Max. number of gas cylinder	32 x Ø 220 mm	48 x Ø 220 mm	60 x Ø 220 mm	78 x Ø 220 mm	104 x Ø 220 mm
L x W x H (without roof) mm	2100 x 1085 x 2060	2100 x 1500 x 2060	2400 x 1500 x 2060	3100 x 1500 x 2060	3100 x 2100 x 2060
L x W x H (with roof) mm	2100 x 1085 x 2180	2100 x 1500 x 2180	2400 x 1500 x 2180	3100 x 1500 x 2180	3100 x 2100 x 2180
<b>Ref. no., without roof</b>	<b>7.80.218*</b>	<b>7.80.224*</b>	<b>7.80.228*</b>	<b>7.80.236*</b>	<b>7.80.254*</b>
<b>Ref. no., with roof</b>	<b>7.80.118*</b>	<b>7.80.124*</b>	<b>7.80.128*</b>	<b>7.80.136*</b>	<b>7.80.154*</b>

#### Accessories

- Double wing gate	<b>7.80.318*</b>	<b>7.80.324*</b>	<b>7.80.328*</b>	<b>7.80.336*</b>	<b>7.80.354*</b>
- Holding device for gas cylinders Ø 220 mm	<b>7.80.198*</b>	<b>7.80.198*</b>	<b>7.80.198*</b>	<b>7.80.198*</b>	<b>7.80.198*</b>
- Gas cylinder rack	<b>7.80.199*</b>	<b>7.80.199*</b>	<b>7.80.199*</b>	<b>7.80.199*</b>	<b>7.80.199*</b>
- Gas cylinder trolley - see page 221					



## 3.4.2 Gas cylinder boxes



For outdoor storage of gas cylinders in accordance with TRG 280 regulations.

- ▶ Zinc sheet steel.
- ▶ Optionally available with closed design or with natural ventilation through perforated doors and side panels.
- ▶ Incl. intermediate shelves.
- ▶ Standard cylinder lock.
- ▶ Dismantled delivery - easy to assemble.

Gas cylinder box ① - **7.90.200\*** and ② - **7.90.100\***

### Ordering information/Technical data/Dimensions

Number of doors/design	1/perforated	2/perforated	1/closed	2/closed
Max. number of gas cylinders	10 x 11 kg	20 x 11 kg	10 x 11 kg	20 x 11 kg
W x D x H mm	840x690x1475	1680x690x1475	840x690x1475	1680x690x1475
<b>Ref. no.</b>	<b>7.90.100*</b>	<b>7.90.150*</b>	<b>7.90.200*</b>	<b>7.90.250*</b>

### Accessories

- Gas cylinder trolley - see page 222

## Gas cylinder handling

### 3.5.1 Gas cylinder pallets



For the safe, economic and effortless transport of 1 to 8 gas cylinders - surface hot-dip galvanised according to EN ISO 1461.

- ▶ Stable base frame with pockets for forklift arms.
- ▶ Inner dimensions - pockets: 170 x 70 mm (WxH), Distance of the pockets 510 mm (inner).
- ▶ Gas cylinders can be individually secured with chains.
- ▶ Lateral tilt limiter.
- ▶ With holding hooks for hoses and screw caps ①.

Gas cylinder pallets ① - **7.00.800\*** and ② - **7.00.810\***

### Ordering information/Technical data/Dimensions

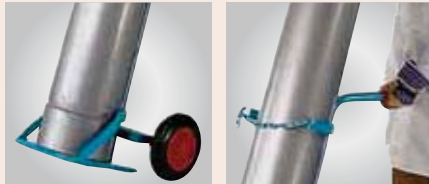
Max. numbers of gas cylinder / Ø mm	4 x Ø250	8 x Ø250
LxWxH mm	600x860x1000	1200x860x1000
Load bearing capacity kg	350	700
<b>Ref. no.</b>	<b>7.00.800*</b>	<b>7.00.810*</b>



### 3.5.2 Gas cylinder trolley for 50-litre gas cylinders

For safe transport of a gas cylinder. Blue painted steel tube construction, solid rubber wheels.

- ▶ Stable design.
- ▶ Easy handling.
- ▶ Incl. chain restraint.
- ▶ Red PVC-handle for safety grip.



#### Ordering information

Ref. no. **7.00.600**



# 3.5

### 3.5.3 Gas cylinder trolley for 40/50-litre gas cylinders

For safe transport of gas cylinders. Blue painted steel tube construction. Available with air or solid rubber wheels.

- ▶ Stable design.
- ▶ Easy handling.
- ▶ Incl. chain restraint.
- ▶ Safe gripping via finger guards.
- ▶ Hose fitting at the rail.
- ▶ Optional with lockable tool box.

#### Ordering information/Dimensions

Max. numbers of gas cylinders	2 x 50 l	2 x 50 l	2 x 50 l	2 x 50 l
Tyres	solid rubber	solid rubber	air	air
Tool box	-	●	-	●
<b>Ref. no.</b>	<b>7.00.620</b>	<b>7.00.630</b>	<b>7.00.625</b>	<b>7.00.635</b>



Gas cylinder trolley ① - 7.00.620 and ② - 7.00.635

### 3.5.4 Gas cylinder trolley for 10-litre gas cylinders

For the transport of smaller gas cylinders. Blue painted steel tube construction, solid rubber wheels.

- ▶ Stable design.
- ▶ Optimal radius of movement.
- ▶ Easy handling.
- ▶ Incl. chain restraint.
- ▶ Ideal for loading safety cabinets for pressurised gas cylinders such as ECO line, SUPREME line and depots.

#### Ordering information/Dimensions

Max. numbers of gas cylinders	1 x 10 l	2 x 10 l
Tyres	solid rubber	solid rubber
<b>Bestell-Nr.</b>	<b>7.00.611</b>	<b>7.00.610</b>



Gas cylinder trolley ① - 7.00.610 and ② - 7.00.611



### 3.5.5 Gas cylinder trolley for propane gas cylinders



Gas cylinder trolley - 7.01.000

For safe transport of propane gas cylinders. Blue painted steel tube construction. Available with air or solid rubber wheels.

- ▶ Stable design.
- ▶ Easy handling.
- ▶ Incl. chain restraint.
- ▶ Safe gripping via finger guards and red PVC handle of models 7.01.010 und 7.01.015.

#### Ordering information/Dimensions

Max. numbers of propane gas cylinders	1 x 11 kg	1 x 33 kg	1 x 11 kg	1 x 33 kg
Tyres	solid rubber	solid rubber	air	air
<b>Ref. no.</b>	<b>7.01.000</b>	<b>7.01.010</b>	<b>7.01.005</b>	<b>7.01.015</b>

### 3.5.6 Gas cylinder trolley for 20-litre gas cylinders



Gas cylinder trolley - 7.01.020

For safe transport of gas cylinders. Blue painted steel tube construction. Available with air or solid rubber wheels.

- ▶ Stable design.
- ▶ Easy handling.
- ▶ Incl. chain restraint.
- ▶ Red PVC-handle for safety grip.

#### Ordering information/Dimensions

Max. numbers of gas cylinders	2 x 20 l	2 x 20 l
Tyres	solid rubber	air
<b>Ref. no.</b>	<b>7.01.020</b>	<b>7.01.025</b>

### 3.5.7 Gas cylinder trolley with tail wheel for 40/50-litre gas cylinders



Gas cylinder trolley - 7.01.030

For safe transport of gas cylinders. Blue painted steel tube construction. With fold-out tail wheel. Available with air or solid rubber wheels.

- ▶ Optionally with lockable tool box including hose and torch holder and double welding rod holder.
- ▶ Safe gripping via finger guards.

#### Ordering information/Dimensions

Max. numbers of gas cylinders	2 x 50 l	2 x 50 l	2 x 50 l	2 x 50 l
Tyres	solid rubber	solid rubber	air	air
Tool box	-	●	-	●
<b>Ref. no.</b>	<b>7.01.030</b>	<b>7.01.035</b>	<b>7.01.040</b>	<b>7.01.045</b>