

SUPREME line plus – Type G90

Discover the optimum solution from DÜPERTHAL for the storage of pressurised gas cylinders of all sizes with 90-minute fire resistance. Experience the convenience and flexibility of being able to equip your workplace to meet your precise needs.



SUPREME plus S







 ${\sf SUPREME} \ {\sf plus} \ {\sf M}$

SUPREME plus L

SUPREME plus XL



Interior fittings:

- » Two installation rails for mounting gas fittings.
- » One cylinder holder with one retaining belt per standing space.
- » A sturdy roll-in flap.
- » Marked drilling areas for gas pipes and electrical cables.
- » Connection for purging gas pipe as a standard.

Colour:

- » Wing doors in ruby red RAL 3003.
- » Carcass completely in light grey RAL 7035.
- » Individual colours possible.

Construction:

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



Sustainable and reliable

The SUPREME line plus Type G90 models with 90-minute fire resistance offer exceptional levels of safety for the deployment, use and storage of pressurised gas cylinders. Thanks to maximum fire protection compliant with DIN EN 14470-2, they make an optimum contribution to ensuring safety in your working environment. In addition, optimised airflow routing ensures outstanding energy efficiency. The SUPREME line plus models are an excellent choice for your laboratory in terms of both ecology and economy.



Type G90 - for a consistent fire protection concept

The SUPREME line plus safety cabinets for pressurised gas cylinders help you to ensure complete, 90-minute fire resistance in your laboratory. In combination with Type 90 safety cabinets compliant with DIN EN 14470-1, the SUPREME line plus models are the ideal solution for complete fire protection concepts in line with the highest standards.

Ordering information

Tested safety at a very high level including:





3.1.1	SUPREME plus S							
	n	Details 1 cylinder holder with 2 retaining belts, 2 horizontal installation rails and roll-in flap						
	22							
		Design				Ref. no.		
	Interior fittings sheet steel;			79-130660-021				
	6) F	Dimensions	Dimensions [in mm]		Max. storage capacity and dimensions			
			Outer	Inner	Quantity	Volume	Ø in mm	
		Width	595	430	6	1.0 liter	83	
		Depth	610	388	2	10 liter	140	
Weight [in kg	256	Height	1415	1171				

3.1.2 SUPREME plus M



Details 1 cylinder holder with 2 retaining belts, 2 horizontal installation rails and roll-in flap Ref. no. Design Interior fittings sheet steel; 79-200660-021 Dimensions [in mm] Max. storage capacity and dimensions Outer Volume Ø in mm Inner Quantity Width 595 430 50 liter 229 1 2 10 liter Depth 610 388 140 2070 1826 Height



3.1.3 SUPREME plus L



3.1.3 SUPREME plus XL



Details

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

Design

Interior fittings sheet steel;

Dimensions [in mm] Outer Inner Width 895 730 Depth 610 404 Height 2070 1826

 Ref. no.

 79-200960-021

 Max. storage capacity and dimensions

 Quantity
 Volume
 Ø in mm

 2-3
 50 liter
 229

 4
 10 liter
 140

Details

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

Outer

1195

610

2070

Inner

1030

404

1826

Design

Breite Tiefe

Höhe

Interior fittings sheet steel;

Dimensions [in mm]

Ref. no. 79-201260-021

Max. storage capacity and dimensions					
Quantity	Volume	Ø in mm			
3 – 4	50 Liter	229			
6	10 Liter	140			

3.1.4 SUPREME plus XXL



Details

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

Design	
Interior fittings	shoot stool:

Interi	or tittir	ngs s	heet s	teel;

Dimensions [in mm]				
	Outer	Inner		
Breite	1395	1230		
Tiefe	610	404		
Höhe	2070	1826		

Ref. no.

79-201460-021

Max. storage capacity and dimensions				
Quantity	Volume	Ø in mm		
4	50 liter	229		
8	10 liter	140		

For further technical details and dimensions, see page 30.



ECO line plus – Type G30

The ECO line plus – Type G30 models from DÜPERTHAL are the ideal solution for cost-effective storage of pressurised gas cylinders with 30-minute fire resistance. Discover the smart way to increase convenience and flexibility in your custom-designed working environment.





ECO plus L



ECO plus XL

ECO plus XXL

Interior fittings:

ECO plus M

- » Two installation rails for mounting gas fittings.
- » One cylinder holder with one retaining belt per standing space.
- » A sturdy roll-in flap.
- Marked drilling areas for gas pipes and electrical cables.
- » Connection for purging gas pipe as a standard.

Construction:

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

Colours:

- » Wing doors in ruby red RAL 3003.
- » Carcass completely in light grey RAL 7035.
- » Individual colours possible



Economical and ecological

The ECO line plus Type G30 models with 30-minute fire resistance offer exceptional levels of safety for the deployment, use and storage of pressurised gas cylinders. Their fire resistance of 30 minutes in compliance with DIN EN 14470-2 contributes to the safety of your workplace. In addition, optimised airflow routing ensures outstanding energy efficiency. This makes the ECO line plus models an excellent choice for your laboratory in terms of both ecology and economy.



Type G30 - for reliable fire resistance for 30 minutes

The ECO line plus Type G30 models with 30-minute fire resistance are ideal for the safe storage of pressurised gas cylinders and offer 30 minutes of reliable fire resistance compliant with DIN EN 14470-2 and TRGS 510 requirements. The low energy consumption of the efficient air flow system protects the environment and simultaneously minimises operating costs.

Ordering information

Tested safety at a very high level including:





3.2.1 E	CO plus M							
	. 8.	Details						
Ī		1 cylinder holder with 2 retaining belts, 2 horizontal installation rails and roll-in flap						
	. 1	Design		Ref. no.				
		Interior fittings sheet steel; 73-200660-011]			
		Dimensions [in mm]			Max. storage capacity and dimensions			
	2		Außen	Innen	Quantity	Volume	Ø in mm	
74		Width	595	500	1 – 2	50 liter	229	
		Depth	596	386	2	10 liter	140	
Veight [in kg]	283	Height	2070	1884				

3.2.2 ECO plus L



Details 1 cylinder holder with 3 retaining belts, 2 horizontal installation rails and roll-in flap Ref. no. Design Interior fittings sheet steel; 73-200960-011 Dimensions [in mm] Max. storage capacity and dimensions Außen Volume Ø in mm Innen Quantity Width 895 800 2 50 liter 229 4 10 liter Depth 596 440 140 2070 1884 Height



3.2.3 ECO plus XL

Details



3.2.4 ECO plus XXL



	holder with 4 rete al installation rails				
Design Ref. no.					
Interior fitti	ngs sheet steel;		73-201260-011		
Dimensions [in mm]			Max. storage capacity and dimensions		
	Außen	Innen	Quantity	Volume	Ø in mm
Width	1195	1100	3 - 4	50 liter	229
Depth	596	440	6	10 liter	140
Height	2070	1884			

Details					
1 cylinder holder with 4 retaining belts, 2 horizontal installation rails and roll-in flap					
Design				Ref. no.	
Interior fittings sheet steel;				73-201460-02]
Dimensio	ns [in mm]		Max. storage capacity and dimensions		
	Außen	Innen	Quantity	Volume	Ø in mm
Width	1395	1294	4	50 Liter	229
Depth	596	435	8	10 Liter	140
Height	2070	1878			

For further technical details and dimensions, see page 32.

Accessories SUPREME line plus

Choose from the great variety of accessories the best suited items for your laboratory. Create your own individual work environment tailored to your requirements and work processes.





r		SUPREME plus S	SUPREME plus M	
Locking systems:	Material:			
Lock with profile half-cylinder	Aluminium	73-70000-089	73-70000-089	
Lock with profile half-cylinder	Stainless steel	73-70000-289	73-70000-289	
Additional interior fittings:				
Intermediate shelf	Sheet steel	73-80660-122	73-80660-122	
Shelf for screw caps to be mounted on cylinder holder.	Sheet steel	79-80660-140	79-80660-140	
Installation rails (2 pcs.)	Sheet steel	79-80660-152	79-80660-152	
Shelf for side installation incl. cylinder holder	Sheet steel	-	79-70000-119	
Cylinder rack fo 6, 10, 14, 18 Sheet steel gas cylinders, max. Ø 83 mm		on request	on request	
Mobile accessories:				
Gas cylinder trolley		see page 36		
Industrial ventilation:				
Exhaust air system or ventilator	r			
Safety containers		see	e page 26 or www.dueperthal.com	
Absorbers				

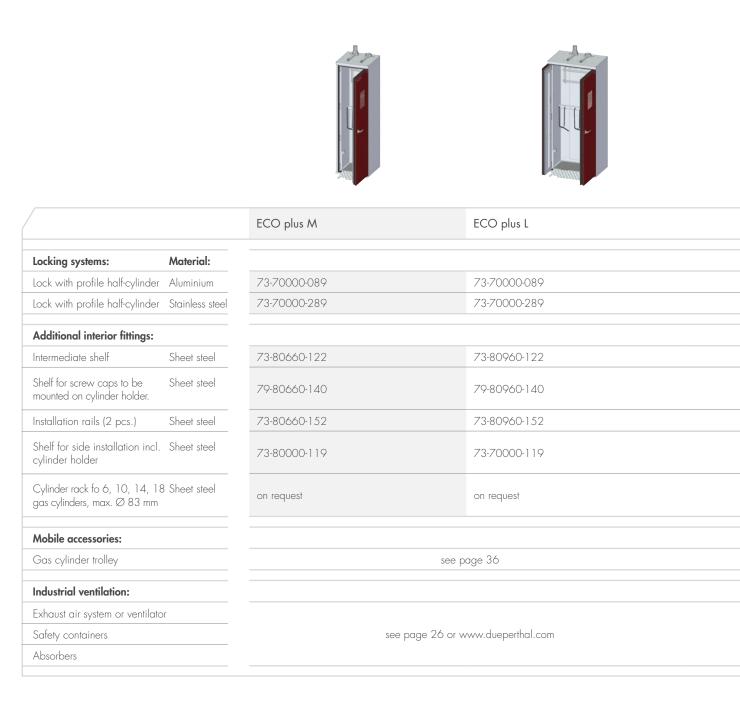
For further technical details and dimensions, see page 30.



SUPREME plus L	SUPREME plus XL	SUPREME plus XXL
73-70000-089	73-70000-089	73-70000-089
73-70000-289	73-70000-289	73-70000-289
 79-80960-122	79-81260-122	79-81460-122
79-80960-140	79-81260-140	79-81460-140
79-80960-152	79-81260-152	79-81460-152
79-70000-119	79-70000-119	79-70000-119
on request	on request	on request
	see page 36	
	see page 26 or www.dueperthal.com	

Accessories ECO line plus

Choose from the great variety of accessories the best suited items for your laboratory. Create your own individual work environment tailored to your requirements and work processes.



For further technical details and dimensions, see page 32.





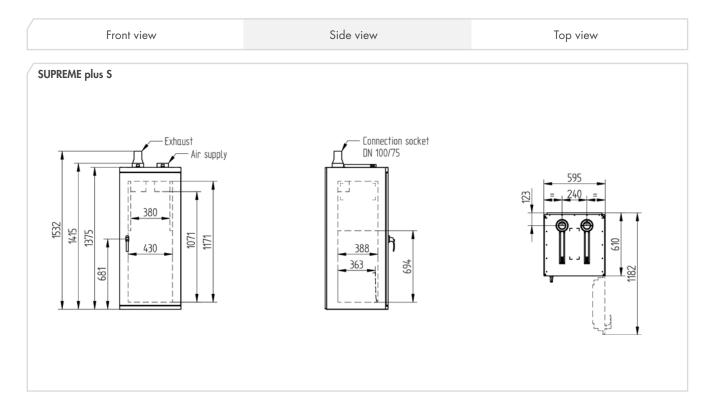


ECO plus XL	ECO plus XXL		
73-70000-089	73-70000-089		
73-70000-289	73-70000-289		
73-81260-122	73-81460-122		
79-81260-140	79-81460-140		
73-81260-152	73-81460-152		
73-70000-119	73-70000-119		
on request	on request		
see page 36			
see page 26 or w	ww.dueperthal.com		
1.0			

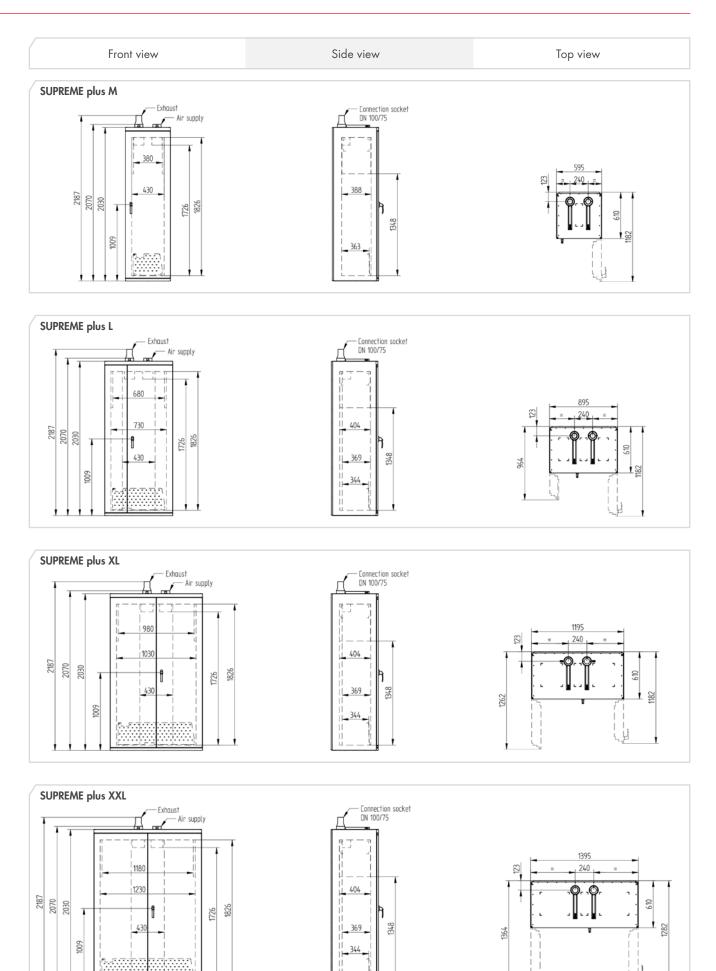
Technical data SUPREME line plus – Type G90

Technical details				Model size		
		S	Μ	L	XL	XXL
Volumetric flow rate for 10-fold air exchange	in approx. m³/h	1,8	3,0	5,3	7,5	8,9
Pressure drop in cabinet/pressure loss at exhaust air socket acc. to EK5/AK4 09-10 with 10-fold air exchange	in Pa	<]/<]	<]/<]	<]/<]	<]/<]	<1/<1
Volumetric flow rate for 120-fold air exchange	in approx. m³/h	21,8	35,1	63,0	89,4	107,0
Pressure drop in cabinet/pressure loss at exhaust air so- cket acc. to EK5/AK4 09-10 with 120-fold air exchange	in Pa	<1/13	<1/41	<1/34	10/85	40/131
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

Dimensions – interior fittings [in mm]	Model size														
		S			М			L			XL			XXL	
	Width	Depth	Heigth	With	Depth	Heigth	Width	Depth	Heigth	Width	Depth	Heigth	Width	Depth	Heigth
Intermediate shelf	424	350	35	424	350	35	724	350	35	1024	350	35	1224	350	35
Shelf for side installation incl. cylinder holder	_	_	_	220	347	220	220	347	220	220	347	220	220	347	220



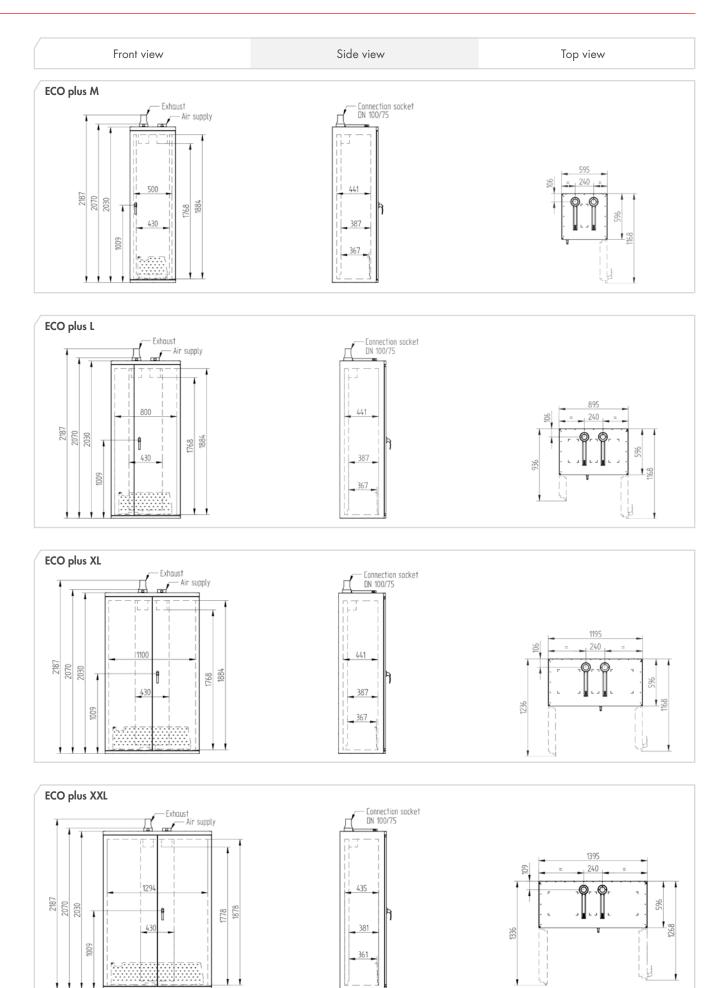




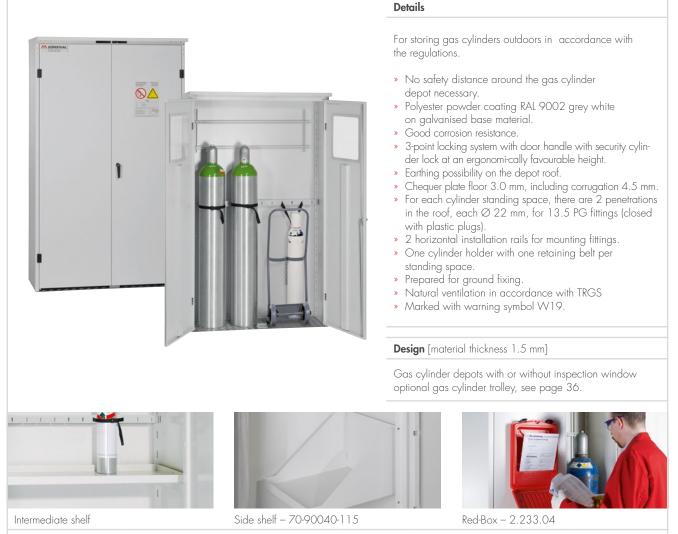
Technical details			Model size					
		Μ	L	XL	XXL			
Volumetric flow rate for 10-fold air exchange	in approx. m³/h	4,1	6,6	8,9	10,5			
Pressure drop in cabinet/pressure loss at exhaust air socket acc. to EK5/AK4 09-10 with 10-fold air exchange	in Pa	<]/<]	<]/<]	<]/<]	<1/<1			
Volumetric flow rate for 120-fold air exchange	in approx. m³/h	49,5	79,4	107	126,5			
Pressure drop in cabinet/pressure loss at exhaust air so- cket acc. to EK5/AK4 09-10 with 120-fold air exchange	in Pa	<150/27	<150/69	<150/147	<150/220			
Load bearing capacity with uniformly distributed load intermediate shelf/shelf for side installation	in kg	50/60	50/60	50/60	50/60			

Dimensions – interior fittings [in mm]		Model size										
	Μ		L		XL			XXL				
	Width	Depth	Height	Width	Depth	Height	Width	Depth	Height	Width	Depth	Height
Intermediate shelf	424	350	35	724	350	35	1024	350	35	1224	350	35
Shelf for side installation incl. cylinder holder	220	347	220	220	347	220	220	347	220	220	347	220





3.3.1 Gas cylinder depots



Ordering information/Technical data/Dimensions [in mm]

Model	Inspection- window*	Places for 50 l cylinders	Width	Depth	Height	Depth incl. overhang	No. of Doors	Weight [in kg]	Load bearing capacity**	Ref. no.
Gas cylinder depot M 1	-	2	650	400	2050	500	1	85		70-200740-001
Gas cylinder depot M 2	•	2	650	400	2050	500]	85		70-200740-003
Gas cylinder depot L 1	_	3	950	400	2050	500	2	103		70-201040-00
Gas cylinder depot L 2	•	3	950	400	2050	500	2	103		70-201040-003
Gas cylinder depot XL 1	-	4	1250	400	2050	500	2	125		70-201340-00
Gas cylinder depot XL 2	•	4	1250	400	2050	500	2	125		70-201340-003
Accessories										
Intermediate shelf for mo	dels M 1, N	12	610		320				150	70-90740-114
Intermediate shelf for mo	dels L 1, L 2		910		320				150	70-91040-114
Intermediate shelf for mo	dels XL 1, XI	2	1210		320				150	70-91340-114
Side shelf with U-profile	for all mode	ls	340		320				40	70-90040-114
Red-Box										2.233.04

*one inspection window per wing door \mid ** max. load bearing capacity with uniformly distributed load



3.4.1 Gas cylinder containers



Details

For storing gas cylinders outdoors in accordance with the regulations.

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

- » Lockable wing gate.
- » Construction according to TRGS 510.
- Prepared for ground fixing.
 Modular system with assembly instructions for self-assembly.

Design

Gas cylinder container with or without roof



Holding devices – 2x 7.80.1987 with chain



Gas cylinder rack – $2x\ 7.80.199\neg$ individually or two on top of each other



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

Ordering information/Technica	l data/Din	nensions	[in mm]	Drdering information/Technical data/Dimensions [in mm]						
Gas cylinder container without	roof									
Max. number of gas cylinders	Width	Depth	Heigth	Ref.no	Double wing door	Holding devices ¹	7.80.198			
32 x Ø 220mm	2100	1085	2060	7.80.218	7.80.318	Gas cylinder rack ²	7.80.199			
48 x Ø 220mm	2100	1500	2060	7.80.224	7.80.324	Gas cylinder trolleys	see page 36/37			
60 x Ø 220 mm	2400	1500	2060	7.80.228	7.80.328					
78 x Ø 220 mm	3100	1500	2060	7.80.236	7.80.336	¹ for gas cylinders Ø 220 mm ² W 1300 x D 1000 x H 850				
104 x Ø 220 mm	3100	2100	2060	7.80.254	7.80.354	VV 1300 X D 1000 X H 030				
Gas cylinder container without	roof									
32 x Ø 220mm	2100	1085	2180	7.80.118	7.80.318					
48 x Ø 220mm	2100	1500	2180	7.80.124	7.80.324					
60 x Ø 220 mm	2400	1500	2180	7.80.128	7.80.328					
78 x Ø 220mm	3100	1500	2180	7.80.136	7.80.336					
104 x Ø 220 mm	3100	2100	2180	7.80.154	7.80.354					

Gas cylinder boxes 3.4.2



Details

For storing gas cylinders outdoors in accordance with the regulations TRGS.

- » Galvanised sheet steel.
- » Optionally available as a closed construction or with natural ventilation through perforated doors and side panel.» Including intermediate shelf.
- » Cylinder lock as standard fitting.
- » Disassembled upon delivery easy to assemble.

Dimensions [in mm]				Design	Ref. r	10.	Accessories
	Width	Depth	Height		perforated	closed	
1 Door	840	690	1475	1 Door	7.90.100	7.90.200	Gas cylinder trolley:
2 Doors	1680	690	1475	2 Doors	7.90.150	7.90.250	see page 36

Gas cylinder pallets 3.5.1



Details

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

- » Sturdy base frame with forklift pockets
- Inner dimensions of forklift pockets: 170 x 70 mm » (W x H), inner distance between the pockets 510 mm.
- » Gas cylinders can be secured individually with chains.
- » Lateral tilt limiter.
- » With hooks for hoses and screw caps

bad bearing capacity Dimensions [in mm]				Re	Ref. no.		Max. number of gas cylinders		
	Width	Depth	Height						
350 kg	840	690	1475	350 kg	7.00.800	350 kg	4 x Ø 250 m		
700 kg	1680	690	1475	700 kg	7.00.810	700 kg	8 x Ø 250 mr		

3.6.1	Gas cylinde	r trolley for 50 litre gas	cylinders	
			Details	
		And a start	For the safe transport of a tube construction with soli » Sturdy design.	a gas cylinder. Blue painted steel id rubber tyres.
٨			 Easy handling Including securing chai Red PVC handle for sa 	in. fe grip
			Ref. no.	7.00.600



3.6.2 Gas cylinder trolleys for 40/50 litre gas cylinders

		Details		
			transport of gas cylinders. Blu Available with airfilled tyres	
		 Finger gu Hose sup 		
	Pof	. no.	Max. number	of gas cylinders
Design	Kei			
Design	with Toolbox	without Toolbox	solid rubber	air-filled
Design Tyres solid rubber				air-filled 2 x 50 liter

3.6.3 Gas cylinder trolleys for 10 litre gas cylinders



Details

For the safe transport of small gas cylinders. Steel tube construction in slate grey with solid rubber tyres. Perfect for equipping gas cylinder cabinets such as SUPREME line plus; ECO line plus and depots.

- » Sturdy design.
- » Optimal radius of movement.
- » Easy handling.
- » Including securing belt.
- » Optionally with tool box including suitable wrench for gas cylinder caps.

Design	Ref.	no.	Max. number of gas cylinders
	with Toolbox	without Toolbox	solid rubber
T 0.1 11	7.00.618	7.00.616	1 x 10 liter
Tyres solid rubber	7.00.617	7.00.615	2 × 10 liter

Gas cylinder trolleys

3.6.4 Gas cylinder trolleys for propane gas cylinders



Details

For the safe transport of propane gas cylinders. Blue painted steel tube construction. Available with airfilled tyres or solid rubber tyres.

- » Sturdy design and easy handling.
- » Including securing chain.
- Finger guards and red PVC handle for safe grip in models 7.01.010 and 7.01.015, respectively.

Design	Ref. no.				
Max. number of gas cylinders	1 x 11 liter	1 x 33 liter			
Tyres solid rubber	7.01.000	7.01.010			
Tyres air-filled	7.01.005	7.01.015			

3.6.5 Gas cylinder trolleys for 20 litre gas cylinders



Details

For the safe transport of gas cylinders. Blue painted steel tube construction. Available with air-filled tyres or solid rubber tyres.

» Sturdy design and easy handling.

- Including securing chain.
- » Red PVC handle for safe grip.

Design	Ref. no.		
Max. number of gas cylinders	2 x 20 liter	2 x 20 liter	
Tyres solid rubber	7.01.020	_	
Tyres air-filled	_	7.01.025	

3.6.6 Gas cylinder trolleys with tail wheel for 40/50 litre gas cylinders



Details

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

- Optionally with lockable toolbox including hose and torch holder and two welding rod holders.
- » Finger guards for safe grip.

Design	Ref. no.		Max. number of gas cylinders	
	with Toolbox	without Toolbox	Solid rubber	Air-filled
Tyres solid rubber	7.01.035	7.01.030		2 x 50 liter
Tyres air-filled	7.01.045	7.01.040	2 x 50 liter	