

Innovative solutions | Product news

magazine

02.22

for safe storage

NEW
CUBE 980 L
Convenience for
professionals

**Cordless freedom: sustainable solutions
with the CAS batteries**

**Safety first: fire test passed with
flying colours**

**Rapid filling with the new
submersible pump**

CEMO

CONTENTS

This issue presents exciting information about sustainable solutions and interesting facts regarding safe storage, transport and dispensing.



Would you like to refuel your vehicles and machines without being tied to cables?

Pages 4-9

This is now possible with the CAS battery and the mobile filling stations and trolleys.

All components at optimum working height – tank systems from the specialist for professionals!

Page 10

The new, compact CUBE 980 L diesel tank system is easy to use.

Rapid refuelling with the Outdoor diesel tanks:

Page 12

CUBE 5000 L: Bunded tank with high-performance submersible pump.

How can you improve safety in your company?

Page 18

The new battery fire prevention box with UN certification and non-combustible interior lining transports and stores lithium batteries safely.

Imprint
Publisher: CEMO GmbH
In den Backenländern 5, D-71384 Weinstadt
Tel: +49 7151 9636-0, fax: +49 7151 9636-98
Email: kontakt(at)cmo.de, Internet: www.cmo.de
Managing Directors:
Dr.-Ing. Tilman Schultz,
Dipl.-Ing.Agr./Dipl.-Ing.Wirtsch.(FH) Eberhard Manz
Dipl.-Betriebswirt (FH) Andreas Brukner
Registry court: Stuttgart District Court, register number: HRB 261479
VAT identification number DE 147 319 153, WEEE Reg. No. DE 91438011

© CEMO February 2022. We reserve the right to make technical changes/No liability accepted for errors.

PRODUCT NEWS

Innovative Products and Solutions for 2022

Page 6



Page 9



Page 10



Page 11



Page 12



Page 13



Page 14



Page 18



Page 19



Page 21



Page 22



Page 23



Cover story

ONE BATTERY FOR EVERYTHING

Trolleys and mobile tank systems with the new battery system

Our electrifying partnership with the CAS battery alliance not only benefits the environment, but also our customers. For example, CEMO has brought a whole new product group into the cooperation that offers decisive advantages in terms of flexibility, ease of use, economy and sustainability.

Innovative products with high-performance Li-ion battery packs enable cordless, flexible and safe working.

CEMO and CAS – that fits.



Our brochure tells you everything you need to know about CAS. You will also find an overview of all CEMO products available to date that are operated with the new battery system.





Cordless freedom: sustainable solutions with the CAS battery

Cordless Alliance System (CAS) stands for an innovative, manufacturer-independent battery system of leading brands.

The advantages of CAS:

- Compatibility with over 300 devices in the 18-volt class
- Future-proof battery technology
- Maximum reliability and high investment security
- Cost advantages through multiple use of existing batteries

Oil transfer trolley


The practical solution for filling vehicles and machines in the workshop


- for transport and independent filling of fresh engine, gear and hydraulic oils in the workshop
- totally mobile and cable-free
- 130 L container made of high-quality polyethylene, with integral handles
- low centre of gravity
- filler neck with integral ventilation
- with contents gauge
- integral pump sump allows the container to be emptied almost entirely
- equipped with four steering castors ø 100 mm (two steering castors with rotation and swivel brake)

- integral dispensing nozzle holder
- equipped with self-priming gear pump, 2.5 l/min, max. delivery pressure 4 bar, with battery and charger, with oil metering pistol and 2 m dispensing hose



Filling vehicles and machines in the workshop

Description		Pump flow rate	Battery capacity	Max. volume (litres) per battery charge	Dimensions in cm (l x w x h)	Order no.
130 L with pump, battery, charger and oil metering pistol		2.5 l/min	4 Ah	120	50 x 75 x 101	11546

Description	Order no.
 Electronic flow meter K400, oval wheel principle, l - 30 l/min, 1/2" internal thread, max. 70 bar, suitable for oil metering pistol and more	8574

ACCESSORIES FOR TRANSFER TROLLEYS

① Charger ASC55, 220 - 240 VAC, 3 A, CAS	11385
③ Li-Power battery, 18V / 4.0 Ah, CAS	11387



Everything you need to know about the Cordless Alliance System



Aqua transfer trolley

The practical solution for irrigating plants in administration buildings, hotels and hospitals

- for water transport and independent irrigation of plants
- totally mobile and cable-free
- lugging watering cans is a thing of the past
- 130 l container made of high-quality translucent polyethylene, with integral handles and contents scale
- low centre of gravity
- integral pump sump allows the container to be emptied almost entirely
- equipped with four steering castors \varnothing 100 mm
- quick coupling with water stop for Gardena irrigation system
- hand spray with flow setting
- equipped with self-priming pump, 11 l/min, with pressure switch, battery, charger


hand spray with flow control

pump with pressure switch

6 m spiral hose

Watering plants in offices, hotels and hospitals

two steering castors with rotation and swivel brake

Description		Pump flow rate	Battery capacity	Max. volume (litres) per battery charge	Dimensions in cm (l x w x h)	Order no.
130 L, with battery, charger		11 l/min	4 Ah	450	50 x 75 x 101	11544

Blue transfer trolley

- for safe, convenient indoor transport of AdBlue® from the storage area to the vehicle
- totally mobile and cable-free
- 130 l container made of high-quality polyethylene, with integral handles
- low centre of gravity
- integral pump sump allows the container to be emptied almost entirely
- equipped with four rubber steering

castors \varnothing 100 mm (two steering castors with rotation and swivel brake)

- equipped with submersible pump, approx. 25 l/min, with battery, charger, 2 m dispensing hose and automatic nozzle
- suitable for commercial vehicles, construction and agricultural machinery and modern passenger cars.

Not suitable for older passenger cars which can only be filled at a reduced flow rate. Please refer to the driver's manual for your vehicle for information about the maximum permissible flow rate.

submersible pump


automatic nozzle

low centre of gravity



Safe indoor transport of AdBlue®

two steering castors with rotation and swivel brake


Description		Submersible pump flow rate	Battery capacity	Max. volume (litres) per battery charge	Dimensions in cm (l x w x h)	Order no.
130 L, with submersible pump, battery, charger and automatic nozzle		25 l/min	4 Ah	600	50 x 75 x 101	11545

Trolleys for diesel and AdBlue®

These handy battery-powered trolleys are based on innovative Li-ion technology and enable flexible refuelling of diesel and AdBlue® on construction sites, in workshops or on farms. Particularly practical is that even

if you use several devices, you can get by with just one battery pack and one charger. In addition, there is no need for a limiting cable, which increases comfort and efficiency in everyday work.

If you already have a CAS battery pack, you can order the trolleys from us without a charger and battery pack.

Description		Submersible pump flow rate	Battery capacity	Max. volume (litres) per battery charge	Dimensions in cm (l x w x h)	Order no.
Including charger and battery						
Diesel trolley 60 L		30 l/min	2 Ah	360	90 x 53 x 38	11597
Diesel trolley 100 L		30 l/min	4 Ah	720	100 x 59 x 43	11598
Trolley for AdBlue® 60 L		25 l/min	2 Ah	300	90 x 53 x 38	11599
Trolley for AdBlue® 100 L	25 l/min	4 Ah	600	100 x 59 x 43	11600	
Supplied without charger or battery – use your own CAS battery						
Diesel trolley 60 L		30 l/min	-	-	90 x 53 x 38	11590
Diesel trolley 100 L		30 l/min	-	-	100 x 59 x 43	11591
Trolley for AdBlue® 60 L		25 l/min	-	-	90 x 53 x 38	11592
Trolley for AdBlue® 100 L		25 l/min	-	-	100 x 59 x 43	11593



Diesel trolley 100 L



Trolley for AdBlue® 60 L

ACCESSORIES

① Charger ASC55, 220 - 240 VAC, 3 A, CAS	11385
② Li-Power battery, 18V / 2.0 Ah, CAS	11386
③ Li-Power battery, 18V / 4.0 Ah, CAS	11387
④ Li-HD battery, 18V / 8.0 Ah, CAS	11388



①



②



③



④

Practical and economical:
one battery for all devices. CAS.

Mobile tank systems


CEMO DT/BLUE-MOBIL EASY

Always on site.

Single-walled container made of polyethylene, filler cap with vent and breather valves, integral forklift pockets and handles, integral recesses for ratchet straps during transport.

With 4.4 m dispensing hose and automatic nozzle.



Description Including charger and battery	 Submersible pump flow rate	Battery capacity	Max. volume (litres)	Dimensions in cm (l x w x h)	Order no.
CEMO DT-MOBIL EASY					
DT-MOBIL EASY 210 L	30 l/min	4 Ah	720	78.5 x 59.5 x 68.5	11601
DT-MOBIL EASY 440 L	30 l/min	4 Ah	720	118 x 80 x 71	11603
CEMO DT-MOBIL EASY Pick-up					
DT-MOBIL EASY Pick-up 210 L	30 l/min	4 Ah	720	118 x 79 x 45	11627
CEMO BLUE-MOBIL EASY for AdBlue®					
BLUE-MOBIL EASY 210 L	30 l/min	4 Ah	600	78.5 x 59.5 x 68.5	11602
Supplied without charger or battery – use your own CAS battery					
CEMO DT-MOBIL EASY					
DT-MOBIL EASY 210 L	30 l/min	-	-	78.5 x 59.5 x 68.5	11594
DT-MOBIL EASY 440 L	30 l/min	-	-	118 x 80 x 71	11596
CEMO DT-MOBIL EASY Pick-up					
DT-MOBIL EASY Pick-up 210 L	30 l/min	-	-	118 x 79 x 45	11626
CEMO BLUE-MOBIL EASY for AdBlue®					
BLUE-MOBIL EASY 210 L	30 l/min	-	-	78.5 x 59.5 x 68.5	11595

ACCESSORIES

① Charger ASC55, 220 - 240 VAC, 3 A, CAS	11385
② Li-Power battery, 18 V / 2.0 Ah, CAS	11386
③ Li-Power battery, 18 V / 4.0 Ah, CAS	11387
④ Li-HD battery, 18 V / 8.0 Ah, CAS	11388

Stationary tank systems for diesel

CEMO CUBE 980 L

NEW

Complete station, Basic and Premium with General Construction Inspection Approval Z-40.21-589

compact design, easy to use

- all components at optimum working height
- with integral bund
- with visual leak indicator
- filling connection with tanker coupling and limiting value transmitter
- bleeding cap
- contents gauge
- 1" suction hose
- pump 230 V, 56 l/min*
- automatic nozzle with dispensing nozzle holder
- with lockable lid, approved for installation outdoors (Outdoor versions)
- with forklift pockets for internal transport
- fully assembled



CUBE 980 L
Indoor Basic

CUBE 980 L
Outdoor Premium

The compact system for professionals



tank with integral bund offers twice the safety



Indoor Basic
4 m dispensing hose DN 19, without lockable lid



Outdoor Basic
4 m dispensing hose DN 19, with lockable lid



Indoor Premium Flow meter K33, filter with water separator, hose reel with 8 m hose DN 19, without lockable lid



Outdoor Premium Flow meter K33, filter with water separator, hose reel with 8 m hose DN 19, with lockable lid

Description

External dimensions
in cm (w x d x h)

Weight
(approx.)
in kg

Order no.

Indoor Basic

4 m dispensing hose DN 19, without lockable lid

130 x 112 x 118

107

11628

Outdoor Basic

4 m dispensing hose DN 19, with lockable lid

130 x 112 x 118

119

11629

Indoor Premium

Flow meter K33, filter with water separator, hose reel with 8 m hose DN 19, without lockable lid

130 x 112 x 118

130

11630

10 Outdoor Premium

Flow meter K33, filter with water separator, hose reel with 8 m hose DN 19, with lockable lid

130 x 112 x 118

141

11631

* Pump flow rate in free flow.

Please note that the pump flow rate can fall sharply depending on the length and cross-sectional area of the hose.

Mobile tank systems for diesel

WITH ADR CERTIFICATION

CEMO CUBE MOBIL 980 L

NEW

Approved for transport according to ADR
Examination every 2 1/2 years according to ADR
6.5.4.4.1 b) and ADR 6.5.4.4.2 b).***

Approved as storage tank with General
Construction Inspection Approval Z-40.21-589

- compact design, easy to use
- with integral baffle
- with integral bund
- with visual leak indicator
- integral filler neck
- filler cap with vent and breather valves
- contents gauge
- 1" suction line with shut-off valve
- automatic nozzle with dispensing nozzle holder
- with lockable lid
- integral forklift pockets
- integral handles
- fully assembled



tank with integral
bund offers twice the
safety

ergonomic and
compact


Bunded

Basic version

with high-performance pump, 4 m dispensing hose
DN 25 (without hose reel, flow meter and filter) and
automatic nozzle

Premium version

with high-performance pump, hose reel with 8 m
hose DN 25, flow meter, filter with water separator
and automatic nozzle

forkliftable

approved of storage and transport

CUBE Mobil 980 L
Premium

Pumps

Bipump pump, 12 V,
500 W, approx. 85 l/min*

Cematic Duo pump, 24/12 V,
420 W, approx. 70/35 l/min*

Cematic 72 pump, 230 V,
500 W, approx. 72 l/min*



Basic version with Cematic Duo, 24/12 V



Premium version with Bipump, 12 V

Description	Volume l	External dimensions in cm (w x d x h)	Weight (approx.) in kg	Pump version		
				Bipump 12 V	Cematic Duo 24/12 V	Cematic 230 V
Basic	980	130 x 112 x 118	123	11632	11634	11636
Premium	980	130 x 112 x 118	145	11633	11635	11637

* Pump flow rate in free flow. Please note that the pump flow rate can fall sharply depending on the length and cross-sectional area of the hose.

*** Please note that transport approval is limited to 5 years for all plastic IBCs.

CEMO DT-MOBIL EASY 980 L

WITH ADR CERTIFICATION and high-performance submersible pump CENTRI SP 80 AC, 230 V.



Basic version



Premium version



maintenance-free
submersible pump

Container:

- 980 l polyethylene, single wall
- integral baffle
- filler cap with vent and breather valves
- integral forklift pockets
- integral handles

- with crane eyes, suitable for securing loads with ratchet straps during transport
- high-performance submersible pump CENTRI SP 80 AC, 230 V, 80 l/min*

Approved for transport according to ADR

Examination every 2 ½ years according to ADR 6.5.4.4.1 b) and ADR 6.5.4.4.2 b).***

Description

	External dimensions in cm (w x d x h)	Weight (approx.) in kg	Order no.
DT-Mobil Easy 980 L, Basic 6 m dispensing hose DN 25, automatic nozzle A120 with commercial vehicle flow rate (not suitable for passenger vehicles), effective delivery rate approx. 70 l/min	127 x 107 x 112	107	11647
DT-Mobil Easy 980 L, Premium Hose reel with 8 m hose DN 25, flow meter K33, filter with water separator, automatic nozzle A120 with commercial vehicle flow rate (not suitable for passenger vehicles), effective delivery rate approx. 60 l/min	127 x 107 x 112	130	11648

Higher delivery rate for
shorter refuelling stops.

CEMO CUBE 5000 L

with high-performance submersible pump CENTRI SP 80 AC, 230 V.

Outdoor Basic and Outdoor Premium tank systems with General Construction Inspection Approval Z-40.21-565

- bundled
- with visual leak indicator
- filling connection with tanker coupling and over-fill sensor
- mechanical contents gauge
- high-performance submersible pump CENTRI SP 80 AC, 230 V, 80 l/min*
- automatic nozzle A120 with commercial vehicle flow rate (not suitable for passenger vehicles)
- with lockable lid, approved for installation outdoors
- fully assembled, 5 m connection cable

NEW



Outdoor Basic



Outdoor Premium

Description

	External dimensions in cm (w x d x h)	Weight (approx.) in kg	Order no.
CUBE diesel tank 5,000 L Outdoor Basic , dispensing hose 4 m, effective delivery rate approx. 70 l/min	240 x 230 x 185	205	11649
CUBE diesel tank 5,000 L Outdoor Premium , flow meter K33, filter with water separator, hose reel 8 m, effective delivery rate approx. 60 l/min	240 x 230 x 185	230	11650

12 * Pump flow rate in free flow. Please note that the pump flow rate can fall sharply depending on the length and cross-sectional area of the hose.

Oil drip mat

The mobile filling area for filling at construction sites

- innovative absorption system
- for indoor or outdoor use
- absorbs oil but repels water
- extremely high absorption capacity
- also usable in rainy conditions



A clean solution: the innovative oil drip mat.



NEW

Description	Maximum absorption capacity in l	Dimensions (l x w) cm	Weight (approx.) in kg	Order no.
Oil drip mat M10	10	90 x 69	2	11638
Oil drip mat XL30	30	137 x 137	5	11639
Oil drip mat XXL40	44	218 x 137	8.5	11640

NEW



Submersible pump CENTRI SP 80 AC for diesel/bio diesel and fuel oil

Maintenance free

- submersible centrifugal pump Ø 130 mm, suitable for common tanks and IBCs
- electrical supply 230 V/50 Hz, power 800 W
- high delivery rate
- motor thermally protected
- connection 1" internal thread without non-return valve
- connection cable 3 m without plug

Description	Max. dispensing volume in l/min	Max. delivery pressure in bar	Order no.
Submersible pump CENTRI SP 80 AC, 230 V/50 Hz	80	2.8	11644

NEW



Petrol pump Cematic 12/25 EX for flammable liquids such as petrol, 2-stroke mixture, AvGas, kerosene

- vane pump, 12 V, max. 25 l/min
- suction and pressure connection 3/4" internal thread
- motor thermally protected
- Ex dbh II A T4 Gb
- dry self-priming, max. 2 m
- 5 m cable with crocodile clips and cable switch

Description	Max. dispensing volume in l/min	Max. delivery pressure in bar	Order no.
Cematic 12/25 EX, 12V	25	0.7	11645

Mobile fuel filling station CEMO KS-MOBIL EASY 330 L

NEW

Basic and Premium versions

approved for transport under ADR

- compact design, easy to use
- all components at optimum working height
- container made of electrically conductive, highly cross-linked polyethylene
- lockable lid with steel support stays
- flashback arrestor
- contents gauge
- integral dispensing nozzle holder
- integral filler neck
- filler cap with vent and breather valves
- integral baffle
- integral forklift pockets
- integral handles
- integral recesses for ratchet straps during transport
- with self-priming pump, 12 V DC, 25 l/min*, with ATEX certification, automatic nozzle and 5 m cable
- fully assembled



KS-Mobil Easy 330 L Premium
with hose reel and galvanised steel base

With ADR approval –
fulfils the highest safety requirements

Basic version

with 4 m dispensing hose DN 19, electrically conductive, 2 m earthing conductor with terminal clamp

Premium version

with hose reel with 10 m hose DN 19, electrically conductive, 10 m earthing conductor with terminal clamp with sturdy galvanised steel plate, forkliftable from four sides



KS-Mobil Easy 330 L Basic



KS-Mobil Easy 330 L Basic

Description	External dimensions in cm (w x d x h)	Weight (approx.) in kg	Order no.
Basic	118 x 79 x 57	42	11502
Premium	144 x 80 x 67	84	11361



flashback arrestor (330 L)

ACCESSORIES

	Order no.
Digital flow meter K24 A ATEX for mounting between dispensing hose and automatic nozzle	10411

* Pump flow rate in free flow. Please note that the pump flow rate can fall sharply depending on the length and cross-sectional area of the hose.

Diesel tank

CEMO CUBE Slimline 2000 L

Successor to the legendary CEMO DWT tank

- diesel tank version with one connection flange
- professional tank version with two connection flanges
- integral bund with leak detector
- contents gauge
- approved for installation outdoors
- approved as a battery tank system with up to five tanks as well
- extensive range of accessories
- sturdy steel dome lid for connecting hoses

NEW

CUBE 2000 L Slimline



Description

External dimensions
in cm (w x d x h)

Weight
(approx.)
in kg

CUBE Slimline 2000 L

86 x 180 x 180

180

Available from September 2022

Product Finder for mobile fuelling

Finding made easy. With CEMO.

Our certified systems, tools and accessories simplify your work outdoors and on the road.

With our Product Finder for mobile refuelling, we make it even easier for you to find the right product.

This is how it works:

Simply select your parameters from the options and the app will drill down to the correct product. Full product details will be available and the item can be ordered directly from our Online Shop.

Our customer service team is naturally at your disposal if you should have any questions and will gladly advise you by telephone or email. CEMO will accommodate you in every way.



Cover story

HAZARDOUS MATERIAL STORAGE

The battery system fire prevention box Li-SAFE

This is the first compact box in this category to be designed with special fire prevention capabilities suitable for lithium batteries.

We offer practical insights into battery fire testing, as this can represent an important quality criterion.

More information is available here:
kontakt@cemo.de

We will be happy to advise you.



This is what users have to say:
“I wanted a product that’s easy to understand and provides a quick solution without me having to know every detail about the hazardous materials regulations.
All the better that CEMO includes a sticker set and instructions for proper packaging in compliance with the regulations.”

Fire due to faulty batteries: a daily threat to employees and your company.

The number of battery-powered devices is growing rapidly. Battery power is practical, but it also calls for responsible, conscientious battery handling.

Given the tough working conditions encountered in workshops, construction sites or municipal facilities, improper handling can often damage tools or equipment operated with lithium batteries or cause a battery defect.

This is highly dangerous, because exploding lithium batteries can ignite major fires and result in severe financial consequences. As the company owner or manager, you are liable for any resulting costs. You could even risk losing your insurance cover if batteries are not stored in accordance with the statutory requirements. In force since 2021, Technical Rule for Hazardous Substances TRGS 510 expressly highlights the increased danger due to ignition/thermal runaway of lithium batteries. These batteries must undergo a risk assessment before use.

You are responsible for minimizing the risks – and for knowing when risks exist.



As a system solution with internal equipment, the box is now suitable for the following ADR transport applications according to the hazardous substances approval (UN3480 and UN3090):

- New batteries and intact used batteries (P903)
- Prototype batteries (P910)
- Defective or damaged batteries (P908)
- Batteries for disposal/recycling (P909)
- Small lithium batteries (SV188)

A series of fire tests with lithium-ion batteries was externally commissioned in 2021. Commercially available batteries as used in power tools and garden equipment were tested.

This enabled us to provide additional verification in favour of a safe storage and transport solution, independently of UN certification.

The benefits are clear:

- Safe packing in less than 10 seconds
- Suitable for several battery conditions
- Multifunctional, durable system box



Successful battery fire test: the CEMO fire prevention box withstands the flames.

The Li-SAFE box is safe:

- The lid stays closed
- No flame formation to the exterior
- No ejected splinters or projectiles
- No flame propagation to adjacent batteries
- The external temperature remains below 100 °C

Battery system fire prevention box Li-SAFE



- safe transport and storage system for lithium batteries
- special fire prevention lining made of non-combustible materials
- formable special pads prevent the batteries shifting inside the box (included)
- boxes are stackable and can be inter-connected
- two sturdy latches
- two handles for simple handling
- can be locked with a padlock (not included)
- made of durable, impact-resistant plastic
- including hazardous goods stickers



Faulty batteries must be transported safely during work.



Possible applications:

- UN certification for lithium batteries in packaging group II
- for lithium battery weighing up to 5 kg
- transport possible on public roads in accordance with the regulations
- additionally usable as a stationary safety container for storage
- fire-protected storage for transport and on construction sites, for example
- ideal for safely isolating highly hazardous batteries (e.g. faulty or quarantined batteries)



Essential if battery-powered devices are used in a company, because batteries can fail at any time (fire hazard).



Successful fire test: the CEMO fire prevention box withstands the flames.

Description	External dimensions in cm (l x w x h)	Internal dimensions in cm (l x w x h)	Number of special pads	Weight (approx.) in kg	Order no.
Battery system fire prevention box Li-SAFE 2-S	40 x 30 x 21.5	30 x 19 x 9	2	4.5	11563
Battery system fire prevention box Li-SAFE 3-S	40 x 30 x 34	30 x 19 x 21.5	3	6	11564

Further sizes on request.

ACCESSORIES

Special pads for battery system fire prevention box	11565
---	-------

Battery storage cabinet FMplus

Leaving even a single lithium battery from a battery-powered device lying around in the open could be enough to ignite a fire. This is where the new CEMO FMplus battery storage cabinet as the economical entry-level solution can help.

Based on the risk assessment, this double-walled steel cabinet can be used as a protective measure for new lithium batteries from devices such as power tools or garden equipment.

The cabinet is available in three sizes:

- sturdy, heat-insulating double-walled steel cabinet
- lockable door with three-point lock
- can be locked with a padlock if necessary (profile half cylinder lockable)
- additional door seals keep cold smoke in the housing
- ventilation opening for proper connection to the exhaust pipe to the outdoors
- forklift access clearance (8-9 cm) for positioning and removal in the event of an incident
- equipped with smoke detector for audible alarms as standard
- powder coating body light gray (RAL 7035) and door light red orange (RAL 2008)
- includes warning stickers and safety instructions

For storing low-power lithium batteries (see VdS 3103)

A battery fire test was performed on power tool batteries.



Battery storage cabinet
FMplus L

Battery storage cabinet
FMplus S

Battery storage cabinet
FMplus US

NEW



Perfect protection –
with safe storage systems
CEMO expert tip:
Store and charge separately.
This minimizes the fire load.

**Safe, inexpensive storage.
The entry-level model FMplus**

Description	Shelves	External dimensions in cm (w x d x h)	Internal dimensions in cm (w x d x h)	Weight (approx.) in kg	Order no.
Battery storage cabinet FMplus US	2	43 x 43 x 56	35 x 35 x 46	27	11651
Battery storage cabinet FMplus S	3	59 x 46 x 89	51 x 38 x 79	47	11652
Battery storage cabinet FMplus L	4	60 x 46 x 165	52 x 38 x 154	83	11653

ACCESSORIES FOR BATTERY STORAGE CABINET FMplus

Description	Order no.
Insert shelf for FMplus S battery storage cabinet	11655
Insert shelf for FMplus L battery storage cabinet	11656
Set of castors for FMplus battery storage cabinet	11657
Second smoke detector (can be networked with internal smoke detector)	11658
Padlock with profile half-cylinder NP 30x12 mm	11659
Cable duct for FMplus battery storage cabinet	11660
Adapter for ventilation line for FMplus battery storage cabinet	11661

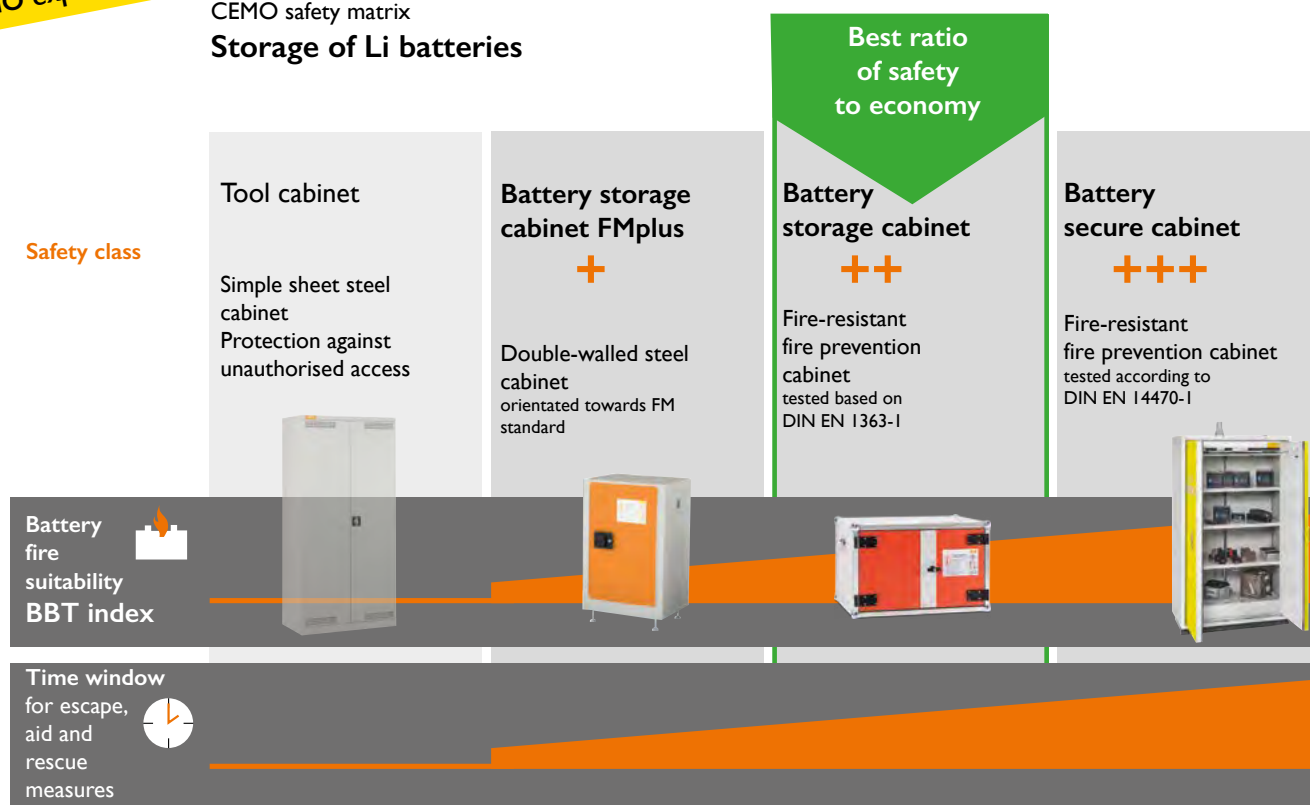


How to find the right product for your application:

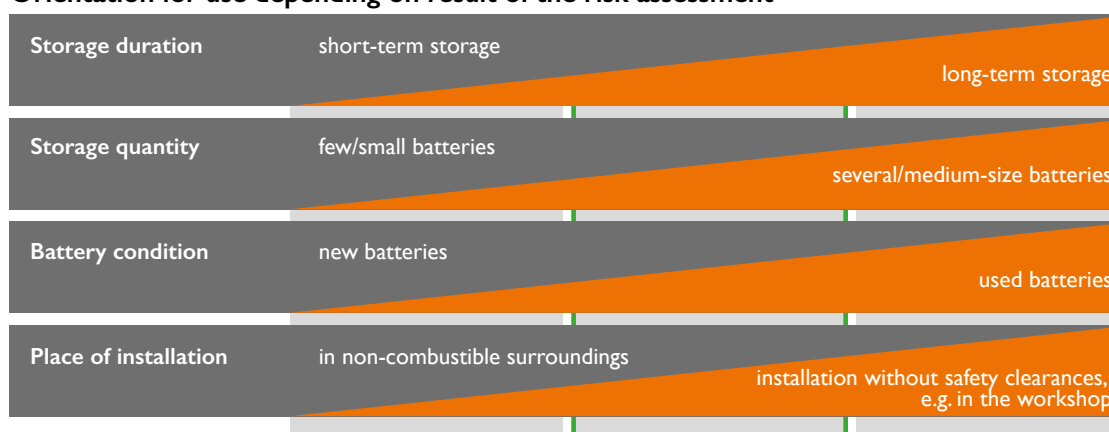
Product recommendation from CEMO experts

CEMO safety matrix

Storage of Li batteries



Orientation for use depending on result of the risk assessment *



* Risk assessment depends on additional factors, such as specifications of the property insurer, sprinkler system or works fire brigade

Risk increase of the situation

NEW

CEMO BBT index

CEMO was the first company to introduce the term "battery fire suitability (BBT)". The BBT is checked in real-world battery fire tests, which involve testing the pressure shock,

battery fire, gas generation and thermal insulation. Information gained from these tests was used to develop reference safety classes for storage and charging.

PE hazardous material depot

with General Construction Inspection Approval (applied for)

- for use outdoors and indoors
- made of high-quality polyethylene (PE)
- high chemical resistance
- lockable with sturdy stainless steel bar lock
- with integral forklift pockets for loading with pallets or IBCs
- ideal for Euro pallets (120x80), industrial pallets (120x120), plastic pallets of similar size or IBCs
- loaded pallets or IBCs can be placed directly into the depot
- 270° door opening angle for separate installation
- approx. 180° door opening angle for serial installation
- doors latch at opening angle increments of 90°
- integrated rain gutter at top of door opening
- domed roof withstands higher snow loads
- option for fitting interior lighting
- cable duct option on the rear wall



Uncomplicated outdoor storage of hazardous materials



PE hazardous material depot 220/2 PE hazardous material depot 1100/1 with IBC



PE hazardous material depot 220/2 with drum rack type 360, steel grating as third shelf and steel grating as filling area



Wind load protection

Description	Total dimensions in cm (w x d x h)	Load-bearing capacity in kg	Collection volume (L)	Number of 200 l drums	Number of IBCs	Weight (approx.) in kg	Order no.
PE hazardous material depot 220/2	160 x 114 x 198	600	220	2	-	100	11550
PE hazardous material depot 1100/1	160 x 167 x 228	1500	1100	4	1	170	11551

ACCESSORIES FOR PE HAZARDOUS MATERIAL DEPOT

Description	Total dimensions in cm (w x d x h)	Weight (approx.) in kg	Order no.
Steel grating for PE hazardous material depot 220/2	120 x 80 x 3	12.4	11269
PE grating for PE hazardous material depot 220/2	120 x 80 x 6	8.5	10286
Drum rack type 360 for PE hazardous material depot 220/2	132 x 63 x 130	51	7643
Steel grating as third shelf for drum rack type 360	130 x 62 x 3	21	6817
Steel grating as filling area for PE hazardous material depot 220/2	150 x 27 x 3	3	11549
Interior lighting with motion sensor and battery (non-ex) for PE hazardous material depots 220/2 and 1100/1	-	-	10378
Wind load protection for PE hazardous material depots 220/2 and 1100/2	-	-	11360

PE spill pallets

PE spill pallets with General Construction Inspection Approval Z-40.22-574

You can choose to place the transport pallet directly onto the spill pallet or to use a steel or PE grating as the deck surface.

- made of high-quality polyethylene (PE)
- high chemical resistance
- spill pallet can be placed directly onto the floor
- with integral forklift pockets
- forkliftable from four sides
- ideal for Euro pallets (120 x 80), industrial pallets (120 x 120) and plastic pallets of similar size
- loaded pallets can be placed directly onto the spill pallet using a forklift or high-platform truck
- a steel or PE grating is not required, but can be optionally used

PE spill pallets – RG non-certified

- made from high-quality polyethylene regranulate
- suitable as spill pallet for non-water-hazardous substances or where no certification is required



Video
PE spill pallets
and PE drum bunds

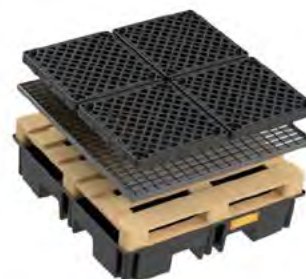


① Spill pallet 220/2 with wooden pallet



② Spill pallet 220/4 with PE grating

Unbeatable price and performance



							with General Construction Inspection Approval	non-certified PE spill pallet RG
Description/type	Total dimensions in cm (l x w x h)	Load-bearing capacity in kg	Collect. vol. in L	Number of pallets	Number of 200 L drums	Weight (ap- prox.) in kg	Order no.	Order no.
① PE spill pallet 220/2 for one pallet 120 x 80								
without grating	123 x 83 x 36	600	220	1	2	13	11257	11484
with steel grating	123 x 83 x 36	600	220	1	2	25.4	11258	11485
with PE grating	123 x 83 x 39	600	220	1	2	21.5	11259	11486
② PE spill pallet 220/4 for one pallet 120 x 120								
without grating	123 x 123 x 26	1200	220	1	4	13.5	11260	11487
with steel grating	123 x 123 x 26	1200	220	1	4	43.5	11261	11488
with PE grating	123 x 123 x 29	1200	220	1	4	26	11262	11489

Workshop trolley

NEW

Robust mobile workshop trolley for use in working and storage areas. Also ideal as a station for dispensing liquids and safely providing hazardous substances. Three versions are available.

- 3 mm thick steel spill trays tested according to StawaR
- optionally available with lockable storage space
- push handle for simple manoeuvring
- four castors, including two braked steering castors
- top spill tray shelf positioned at an ergonomic working height of 92 cm
- optional third spill tray shelf can be positioned at half height
- high-quality powder coating in light grey and orange
- delivered fully assembled and ready for immediate use

Version 1: with spill tray shelves

- two spill tray shelves with 89 x 59 cm base area
- spill tray shelf can be fixed at half height as necessary
- includes 1 x perforated plate insert, can be used for both spill tray shelves

Version 2: with compartment

- two spill tray shelves with 44 x 59 cm base area
- lockable door
- height-adjustable shelf inside (42 x 58 cm base area)
- storage area on top with non-slip mat
- includes 1 x perforated plate insert, can be used for both spill tray shelves

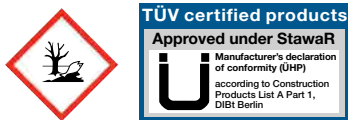
Version 3: with drawers

- two spill tray bases with 44 x 59 cm base area
- five drawers, jointly lockable
- storage area on top with non-slip mat
- includes 1 x perforated plate grating, can be used for both spill tray bases



Version 3

Workshop trolley with spill trays, drawers and additional spill tray base, 10 litres



Version 1

Workshop trolley with spill trays



Version 2

Workshop trolley with spill trays and additional spill tray shelf 20 litres



Version 2

Workshop trolley with spill trays, compartment and additional spill tray shelf, 10 litres

Description	Dimensions in cm	Collection volume L	Weight (approx.) in kg	Load per level/total in kg	Order no.
Workshop trolley with spill trays	99x61x92	2 x 20	58.8	75 / 150	11583
Workshop trolley with spill trays, compartment and non-slip mat	99x61x92	2 x 10	56.2	75 / 180	11584
Workshop trolley with spill trays, drawers and non-slip mat	99x61x92	2 x 10	86.2	75 / 180	11585

ACCESSORIES FOR WORKSHOP TROLLEYS

Description	Total dimensions in cm (w x d x h)	Weight (approx.) in kg	Order no.
Additional spill tray shelf, 10 litres	45 x 60 x 6	7.8	11586
Additional spill tray shelf, 20 litres	90.5 x 60 x 6	14.8	11587
Perforated plate grating for spill tray shelf, 10 litres	44 x 59 x 5.5	2.2	11588
Perforated plate grating for spill tray shelf, 20 litres	89.5 x 59 x 5.5	3.6	11589
Non-slip mat (for drawers and shelves)	45 x 60 x 0.5	0.8	11358

CEMO GmbH

In den Backenländern 5 | 71384 Weinstadt | Germany | + 49 7151 9636-0 | kontakt@cemo.de

www.cemo-group.com

We reserve the right to make technical changes © CEMO 0027-en 02.22

CEMO



Refuelling systems | Tank systems
Pumps | Hazardous material storage
Transport and storage containers
Winter service