



DT-Mobil

Easy 210l, Pick-up 210l, 440l und COMBI 440l/50l

PRO PE 440l und COMBI 440l/50l

D
4-22

DT-Mobil Easy

bestehend aus einwandigem PE-Tank, mit Elektropumpe und Klappdeckel (Option)
nach ADR 1.1.3.1 c) (für 210l, 440l und 440/50l)

DT-Mobil PRO PE

doppelwandig, Umhüllung aus lackiertem Stahlblech und Innenbehälter aus PE
nach ADR 1.1.3.1 c) (für 440l und 440/50l)

- Betriebsanleitung Original -

GB
23-41

DT-Mobil Easy

consisting of single-walled PE tank, with electric pump and hinged lid (option)
according to ADR 1.1.3.1 c) (for 210l, 440l and 440/50l)

DT-Mobil PRO PE

double-walled, jacket made of painted sheet steel and inner tank made of PE
according to ADR 1.1.3.1 c) (for 440l and 440/50l)

F
42-60

DT-Mobil Easy

composé d'une citerne PE à simple paroi, avec pompe électrique et capot à charnière (option)
selon ADR 1.1.3.1 c) (pour 21 l, 44 l et 440/5 l)

DT - Mobil PRO P440

double paroi, boîtier en tôle d'acier laquée et réservoir intérieur en PE
selon ADR 1.1.3.1 c) (pour 44 l et 440/5 l)



DT-Mobil Easy
210l



DT-Mobil Easy
Pick-up 210l



DT-Mobil Easy
COMBI 440/50l



DT-Mobil Easy
440l Premium



DT-Mobil PRO PE
440l Premium

- I**
61-79 **DT-Mobil Easy**
costituito da un serbatoio in PE monoparete, con elettropompa e coperchio a cerniera (opzione)
secondo ADR 1.1.3.1 c (per 210l, 440l e 440/50l)
DT-Mobil PRO PE
a doppia parete, contenitore esterno in lamiera d'acciaio verniciata, serbatoio interno in PE
secondo ADR 1.1.3.1 c (per 440l e 440/50l)
- E**
80-98 **DT-Mobil Easy**
compuesto por un depósito de PE de pared sencilla, con bomba eléctrica y tapa abatible (opcional)
de conformidad con ADR 1.1.3.1 c (para 210 l, 440 l y 440/50 l)
DT-Mobil PRO PE
doble pared, revestimiento de chapa de acero pintada y depósito interior de PE
de conformidad con ADR 1.1.3.1 c (para 440 l y 440/50 l)
- S**
99-117 **DT-Mobil Easy**
Bestående av PE-tank med en vägg, elpump och lucka (tillval)
enligt ADR 1.1.3.1 c (för 210l, 440l och 440/50l)
DT-Mobil PRO PE
dubbelväggig, hölje av lackerat stålplåt och innerbehållare av PE
enligt ADR 1.1.3.1 c (för 440l och 440/50l)
- FIN**
118-136 **DT-Mobil Easy**
koostuu yksiseinäisestä PE-säiliöstä, varustettu sähköpumpulla ja käännettävällä kannella (lisävaruste)
säännöstön ADR 1.1.3.1 c mukaisesti (tuotteille 210l, 440l ja 440/50l)
DT-Mobil PRO PE
kaksoiseinäinen, kotelointi maalattua teräslevyä, PE-sisäsäiliö
säännöstön ADR 1.1.3.1 c mukaisesti (tuotteille 440l ja 440/50l)
- NL**
137-155 **DT-Mobil Easy**
bestaande uit een enkelwandige PE-tank, met elektrische pomp en klapdeksel (optie) volgens ADR 1.1.3.1 c (voor 210 l, 440 l en 440/50 l)
DT-Mobil PRO PE
dubbelwandig, omhulsel van gelakt plaatstaal en binnentank van PE
volgens ADR 1.1.3.1 c (voor 440l en 440/50l)
- RO**
156-174 **DT-Mobil Easy**
compus din rezervor PE cu perete simplu, cu electropompă și capac rabatabil (opțional)
conform ADR 1.1.3.1 c (pentru 210l, 440l și 440/50l)
DT-Mobil PRO PE
cu perete dublu, înveliș din tablă de oțel vopsită și recipient interior PE
conform ADR 1.1.3.1 c (pentru 440l și 440/50l)
- P**
175-193 **DT-Mobil Easy**
composta por um depósito em polietileno de parede simples, por uma bomba elétrica e uma tampa articulada (opcional)
em conformidade com a ADR 1.1.3.1 c (para 210 l, 440 l e 440/50 l)
DT-Mobil PRO PE
de parede dupla, revestimento em chapa de aço pintado e reservatório interno em polietileno
em conformidade com a ADR 1.1.3.1 c (para 440 l e 440/50 l)

- PL**
194-212 **DT-Mobil Easy**
z jednościennym zbiornikiem z polietylenu, z pompą elektryczną oraz pokrywą uchylną (opcja)
zgodny z przepisami ADR 1.1.3.1 c) (o poj. 210 l, 440 l oraz 440/50 l)
DT-Mobil PRO PE
dwościenny, z obudową z lakierowanej blachy stalowej oraz pojemnikiem wewnętrznym z polietylenu
zgodny z przepisami ADR 1.1.3.1 c) (o poj. 440 l oraz 440/50 l)
- CZ**
213-231 **DT-Mobil Easy**
s jednostěnnou nádrží z PE, elektrickým čerpadlem a sklopným víkem (na přání)
podle ADR 1.1.3.1 c) (objem 210 l, 440 l a 440/50 l)
DT-Mobil PRO PE
dvojtěnné provedení s opláštěním z lakovaného ocelového plechu a vnitřní nádrží z PE
podle ADR 1.1.3.1 c) (objem 440 l a 440/50 l)
- HR**
232-250 **DT-Mobil Easy**
koji se sastoji od PE spremnika s jednostrukom stijenkom, električnom pumpom i poklopcem (opcija)
prema propisima ADR-a 1.1.3.1 c) (za 210 l, 440 l i 440/50 l)
DT-Mobil PRO PE
s dvostrukom stijenkom, s omotačem od lakiranog čeličnog lima i unutarnjim spremnikom od PE-a
prema propisima ADR-a 1.1.3.1 c) (za 440 l i 440/50 l)
- SLO**
251-269 **DT-Mobil Easy**
sestavljajo enostenski rezervoar iz PE, električna črpalka in pokrov (opcija)
po ADR 1.1.3.1 c) (za 210 l, 440 l in 440/50 l)
DT-Mobil PRO PE
dvostenski rezervoar, ovoj iz lakirane jeklene pločevine in notranja posoda iz PE
po ADR 1.1.3.1 c) (za 440 l in 440/50 l)

1 General provisions

The mobile diesel filling station is state-of-the-art technology and complies with approved technical safety regulations.

The filling station bears the CE symbol, i.e. the EU directives and harmonised standards of relevance to the filling station were applied during its design and production.

The filling station may only be used in a technically flawless condition in the form supplied by the manufacturer.

For safety reasons, the filling station must not be modified (except for the addition of accessories especially provided by the manufacturer).

1.1 Safety

Each filling station is tested for functionality and safety before dispatch.

The filling station is safe to operate when used correctly.

Protect the filling station from misuse.



Note:

For the battery version, protect the battery from moisture.

Incorrect operation or misuse poses a risk to:

- life and limb for the operator,
- the filling station and other material assets belonging to the operator,
- the function of the station.

As operator of the filling station, you are responsible for:

- ensuring that all safety instructions are understood and observed
- user compliance with personal protection measures in accordance with the safety data sheet of the fuel used.
- ensuring only instructed persons operate the filling station (see section "Operating the filling station").

1.1.1 Maintenance and monitoring

The filling station must be regularly checked to ensure it is in a safe condition.

In particular, this check includes:

- a visual inspection for leaks (seal of filling hose and valves),
- a functional test,
- Completeness/identifiability of the warning, mandatory and prohibitory signs on the station,
- The prescribed mandatory inspections (for details, see section "Maintenance and inspection").

1.1.2 Using original parts

Please only use original parts provided by the manufacturer or parts they have recommended. Also take note of all safety and usage information provided with these parts.

This applies to:

- spare parts and wearing parts,
- accessory parts.

1.1.3 Operating the filling station

In order to avoid any hazards due to incorrect operation, the filling station may only be operated by individuals who

- have read and understood the operating instructions,
- have proven their ability to operate the equipment,
- have been assigned to operate the equipment.



Important:

The operating instructions must be available at the filling station so that they are easily accessible to all users.

1.1.4 Warnings on the filling station

The warning signs on the station must always be affixed and legible.

Signs affixed by the manufacturer:



Fire, naked flames and smoking prohibited

*Location:
on the rear side of the tank*



Warning of possible hand injuries

*Location:
on the underside of the hinged lid*

1.2 Intended use

The collection, transport and removal container is also suitable to be set up outdoors (observe environmental conditions in section 2.1!).

Intended use (preferably) involves e.g. the following liquids:

- diesel fuel/heating oil
- biodiesel
- AdBlue (only for COMBI 440/50 version)

1.2.1 DT-Mobil Easy and PRO PE according to ADR1.1.3.1c)

In accordance with ADR 1.1.3.1 c) (Germany's "craftsman regulation"), hazardous goods may also be transported using containers without ADR approval.

For containers without ADR approval the following applies:

- transport only for direct use with self-filling (i.e. approaching only one filling point and filling not carried out by a third party),
- no labelling (stickers) required,
- no requirement to equip with a fire extinguisher,
- no supporting documents required,
- permissible container capacity: max. 450l, the so-called "1000 points rule" according to table 1.1.3.6 ADR also applies, i.e. total quantity per vehicle < 1000 points (for diesel fuel, 1 l = 1 point),
- no repeat test required,
- no reduction in service life.

1.2.2 Summary

Any other use is not proper!

For safety reasons, the filling station must not be modified (except for the addition of accessories especially provided by the manufacturer) – see section 6. The intended use includes compliance with all the information in these operating instructions.

1.3 Inappropriate use



Important:

Inappropriate use also includes failure to comply with the directions in these operating instructions.

It also includes:

- failure to comply with the regulations of the ADR and applicable national regulations,
- storage and transport of liquids other than those stipulated under intended use, e.g.: gasoline, bioethanol, chemicals, oils (lubricating, hydraulic, vegetable oil).

2 Technical data

2.1 Tank

Model type DT-Mobil:	Easy 210	Easy Pick-up 210	Easy 440	Easy 440 Basic	Easy 440 Premium	Easy COMBI 440/50	PRO PE 440 Basic	PRO PE 440 Premium	PRO PE COMBI 440/50
Nominal volume [l]:	210	210	440	440	440	440/50	440	440	440/50
Dimensions [cm]:									
- Length	78.5	118	118	118	118	118	124.7	124.7	124.7
- Width	59.5	80	80	80	80	80	88.25	88.25	88.25
	67.5*		80.8*	80.8*	80.8*	80.8*			
- Height:									
without hinged lid	68.5	45	71						
with hinged lid** (closed)	68.5	45	71	85.5	85.5	85.5	107.2	107.2	107.2
with hinged lid** (open)	118	108	132	147.5	147.5	147.5	175.9	175.9	175.9
Weight when empty [kg]:									
- without hinged lid	21.6		35.3						
- with hinged lid**	23.3	34.5	39.1	48	62	58	202	215	208
Total weight when full [kg]:									
- without hinged lid	198	209	405						
- with hinged lid**	200	211	409	418	432	482	572	585	632

*) Hinged lid open

**) Option (DT-Mobil Easy 210l, 440l)

Environmental conditions: Operating temperatures: -10 °C to +40 °C

2.2 Pump

(For pump version of the filling station, see pump type plate)

	12 V pump CENTRI SP30:	12 V pump CEMATIC 3000/12:	24 V pump CEMATIC 3000/24:	18 V pump CENTRI SP30:	18 V pump CEMATIC 3000/18:
Voltage (tolerance):	12 VDC (\pm 10%)	12 VDC (\pm 10%)	24 VDC (\pm 10%)	18 VDC	18 VDC
Fuse:	25 A	25 A	15 A	electronic	electronic
Power:	220 W	260 W	260 W	220 W	260 W
Delivery rate:	approx. 30 l/min	approx. 40 l/min	approx. 40 l/min	approx. 25 l/min	approx. 40 l/min
max. delivery pressure:	approx. 1.1 bar	approx. 1.5 bar	approx. 1.5 bar	approx. 1.1 bar	approx. 1.5 bar
Liquid temperature:	-10 °C to +40 °C				

2.3 Delivery nozzles with automatic shut-off

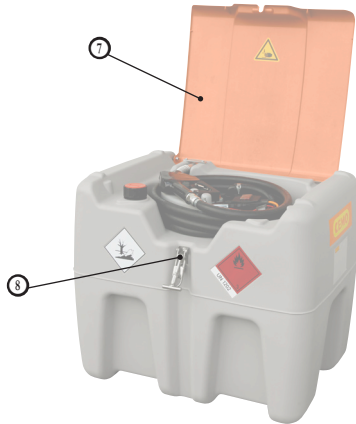
	Delivery nozzle \varnothing [mm]	Connection
Diesel:	23	with hose nozzle DN 19 with swivel joint
AdBlue:	19	with hose nozzle DN 20

2.4 Battery

	CENTRI SP30	CEMATIC 3000/18
Pump capacity per battery charge (18 V / 4 Ah):	approx. 720 l	approx. 950 l

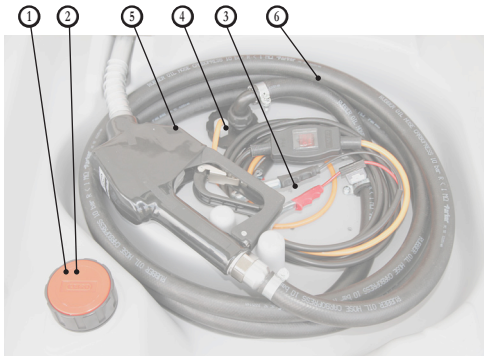
Operating the pump with the delivery nozzle closed can significantly reduce the range per battery charge.

3 Layout

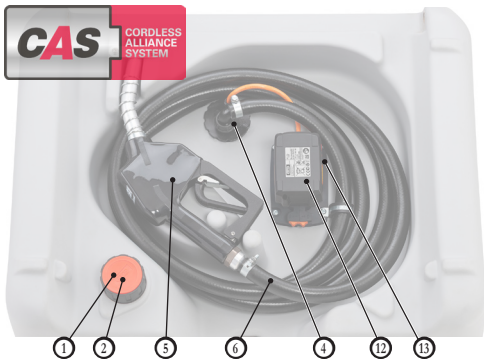


DT-Mobil Easy 210i

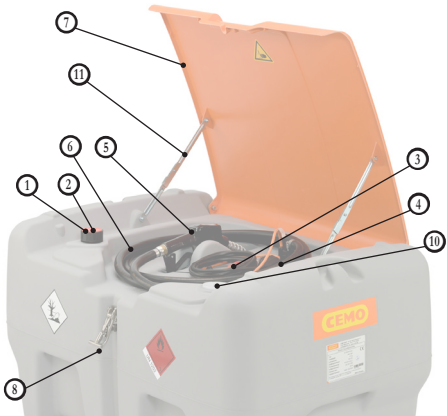
- ① Ventilation valve(s)
- ② Filling opening(s)
- ③ Terminal clamps
- ④ Diesel electric pump
- ⑤ Diesel delivery nozzle
- ⑥ Diesel delivery hose
- ⑦ Hinged lid
- ⑧ Hinged lid closure
- ⑨ Extraction line
- ⑩ Cap for installation of a level indicator (Easy 440, 440/50)
- ⑪ Lid support / Gas spring (Easy 440, 440/50)
- ⑫ CAS battery 18V (Li-ion)
- ⑬ Battery housing
- ⑭ Electric pump, AdBlue (440/50 in the tank)
- ⑮ Pump nozzle, AdBlue (440/50)
- ⑯ Delivery hose, AdBlue (440/50)
- ⑰ Hose reel (440 Premium)
- ⑱ Flow meter K24 Diesel (440 Premium)
- ⑲ Forklift pockets
- ⑳ Crane eyelets
- ㉑ Safety lock EMKA EK 333
- ㉒ Folding handle
- ㉓ Hose and cable feed-through
- ㉔ Fill level indicator (PRO PE 440, 440/50)
- ㉕ Leak probe (PRO PE 440, 440/50)



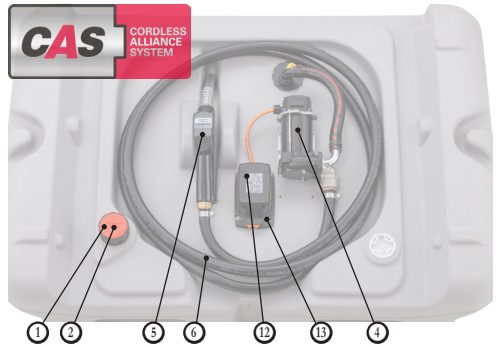
Interior view DT-Mobil Easy 210i



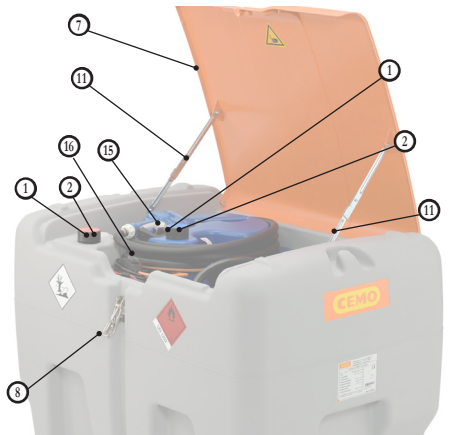
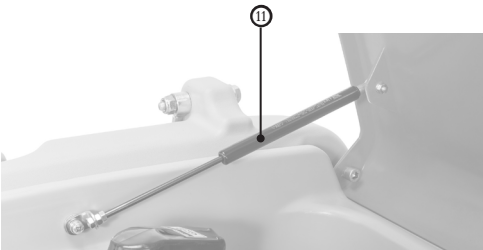
Interior view DT-Mobil Easy 210i



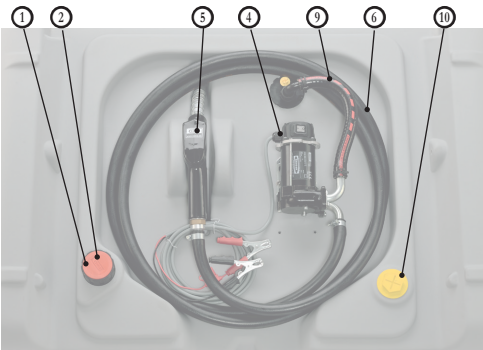
DT-Mobil Easy 440I



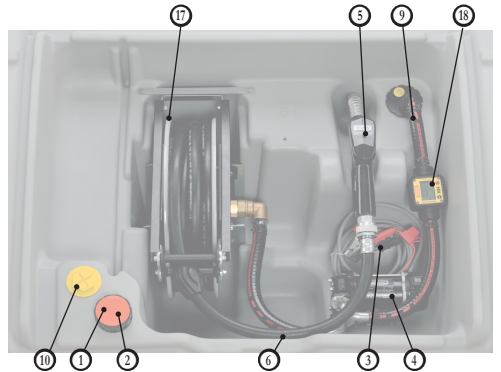
Interior view DT-Mobil Easy 440I



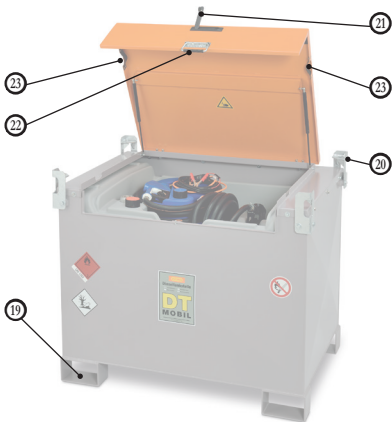
DT-Mobil Easy COMBI 440/50I



DT-Mobil Easy 440I with pump 12 V 40 l/min

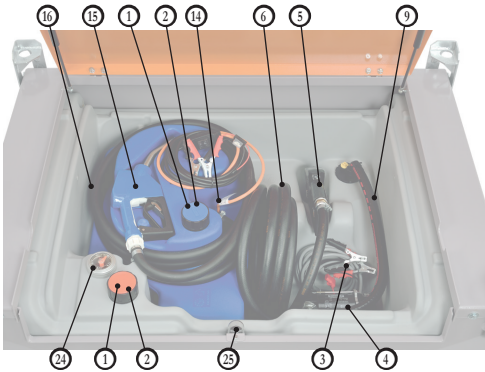


DT-Mobil Easy 440I Premium



DT-Mobil PRO PE COMBI 440/50

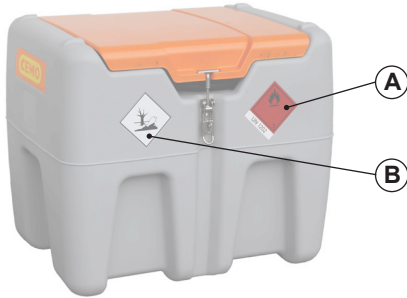
- ① Ventilation valve(s)
- ② Filling opening(s)
- ③ Terminal clamps
- ④ Diesel electric pump
- ⑤ Diesel delivery nozzle
- ⑥ Diesel delivery hose
- ⑦ Hinged lid
- ⑧ Hinged lid closure
- ⑨ Extraction line
- ⑩ Cap for installation of a level indicator (Easy 440, 440/50)
- ⑪ Lid support / Gas spring (Easy 440, 440/50)
- ⑫ CAS battery 18V (Li-ion)
- ⑬ Battery housing
- ⑭ Electric pump, AdBlue (440/50 in the tank)
- ⑮ Pump nozzle, AdBlue (440/50)
- ⑯ Delivery hose, AdBlue (440/50)
- ⑰ Hose reel (440 Premium)
- ⑱ Flow meter K24 Diesel (440 Premium)
- ⑲ Forklift pockets
- ⑳ Crane eyelets
- ㉑ Safety lock EMKA EK 333
- ㉒ Folding handle
- ㉓ Hose and cable feed-through
- ㉔ Fill level indicator (PRO PE 440, 440/50)
- ㉕ Leak probe (PRO PE 440, 440/50)



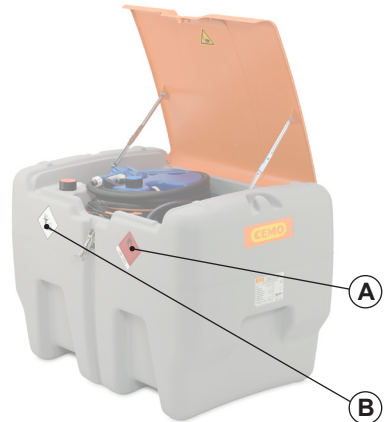
DT-Mobil Easy and PRO PE COMBI 440/50

4 Initial setup

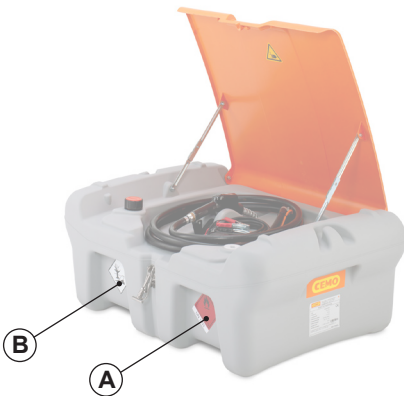
1. Affix stickers (stickers enclosed with the tank documents). The DT-Mobil Easy must be permanently marked on the front with the UN 1202 sticker for diesel and the hazard label (flame on red background).



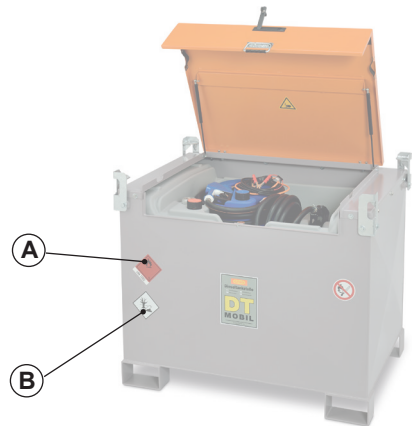
DT-Mobil Easy 210l



DT-Mobil Easy 440l and COMBI 440l/50l



DT-Mobil Easy Pick-up 210l



DT-Mobil PRO PE 440l and COMBI 440l/50l

(A)	Hazard label with UN 1202 (flame on red background)
(B)	Harmful to the environment (dead tree/dead fish symbol)

2. Opening the hinged lid
3. Open the vent closure.
4. Fill the tank. Refill the container using a delivery nozzle with an automatic shut-off.
5. Perform a test filling as described in sections 5.1.5 and 5.2.5, but hold the delivery nozzle in the still-open filling opening.
6. Close the filling opening using the screw cap.
 - The filling station is now ready for operation.



Note:

For the battery version, protect the battery from moisture.

5 Operation

5.1 DT-Mobil Easy

5.1.1 Storage

During transport and storage, do not expose the DT-Mobil Easy to direct sunlight for an extended period of time. Excessive heating can lead to deformation of the high-quality plastic tank and a reduction in the quality of the fuel.

Suitable storage conditions:

- Ambient temperatures from -10 °C to +40 °C.
- Level surface.
- Cover for outdoor storage.
- Stackability:
 - ▶ Max. 2 empty (!) tanks one above the other



Important:

When stacking:

- For the version with lid, the lid must be closed.
- To fasten, the four fixing pins on the top of the tank must engage in the four recesses on the underside of the tank.

5.1.2 Loading the filling station

5.1.2.1 Loading by hand

Empty DT-Mobil Easy can be loaded by hand using the recessed grips at the front and rear of the tank.

Note the weights of the empty systems:

- 210l = 19 - 24 kg
- 210l Pick-up = 26-34 kg
- 440l = 33 - 40 kg
- 440l Basic = 48 kg
- 440l Premium = 62 kg
- 440l/50l = 51 - 58 kg



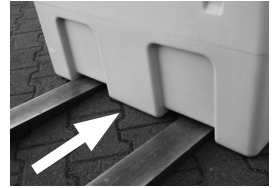
Recessed grip

5.1.2.2 Loading with forklift



Important:

For safe lifting with a forklift, use the moulded recesses on the underside.



Forklift

5.1.3 Transporting

During transport, observe the applicable regulations for transport and securing loads, in particular:

- road traffic (licensing) regulations of the country concerned,
- CEN 12195 Parts 1 to 4 for calculation and lashing,
- For the version with hinged lid, the lid must be closed and locked.

To enable the tank to be fastened to the transport vehicle by means of suitable tension belts (35 mm), lay the tension belts in the integrated recesses on the tank.

Belt recesses



DT-Mobil Easy 210l



DT-Mobil Easy 440l and Combi 440/50l



DT-Mobil Easy:
Pick-up 210l, 440l and COMBI 440/50



Important:

*Form-fit before force!
Most importantly, try to load the filling station so it rests against one or more sides (e.g. by slinging to the side of the vehicle).*



Important:

Excessive lashing forces may deform the tank and thus damage it.

Recommendation:

Use a non-slip mat.



Important:

*Risk of material damage to the filling station with lid.
Airflow while driving can open the lid and possibly tear it off. Therefore, always transport the filling station with the hinges in the direction of travel.*

5.1.4 Filling the tank

1. Unscrew cap of filling opening ②.
2. Fill the container through the filling opening using a delivery nozzle with an automatic shut-off.
3. After filling, seal filling opening ② tightly again using the cap.
4. Contamination of the container caused by the filling process must be removed immediately with a dry cloth.

5.1.5 Filling

1. For the version with hinged lid, open the hinged lid closure ⑧.
2. **Version with terminal clamps:**
Connect the terminal clamps ③ to a suitable voltage source (see tank or pump type plates). Observe the colour coding:
 - red = positive terminal (+)
 - black = negative terminal (-)

Version with battery:

The battery is partly charged at the time of dispatch. Charge the battery before using for the first time. Set On/Off switch to Off.

3. Switch on pump ④ at the switch.
4. To fill, remove delivery nozzle ⑤ from the holder and fully insert the delivery spout into the container/tank to be filled.
5. Operate automatic delivery nozzle ⑤ (if necessary, lock with locking device) and carry out the filling operation.

Tank ventilation and pressure relief are performed automatically by the integrated valve ②. For larger delivery quantities, filling opening ② should also be opened.



Important:

Constantly monitor the filling process.

6. Close the automatic delivery nozzle ⑤ and allow the fuel to drip off.
7. Switch off pump ④.
8. Completely disconnect the pump from the power source and roll up the cable.
9. Insert the hose and nozzle into the integrated holder.
10. For the version with hinged cover, fold it down and close hinged lid closure ⑧.

5.2 DT-Mobil PRO PE

5.2.1 Storage

During transport and storage, do not expose the DT-Mobil Easy to direct sunlight for an extended period of time. Excessive heating can lead to a reduction in the fuel quality.

Suitable storage conditions:

- Ambient temperatures from -10 °C to +40 °C.
- Level surface.
- Cover for outdoor storage.

5.2.2 Loading the filling station



Risk of injury!

The lid must be closed.

5.2.2.1 Moving with lifting truck

The DT-Mobil can be moved with a lifting truck on a paved level floor. It is picked up between the fork pockets on the underside.



5.2.2.2 Loading with forklift

Important:

For safe lifting with a forklift, use the fork pockets provided on the underside.



5.2.2.3 Loading with crane



Danger!

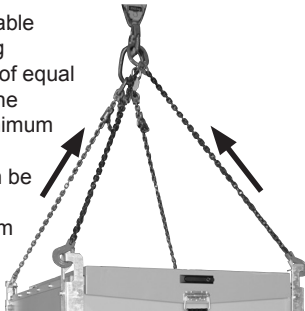
Serious personal injury possible if a DT-Mobil falls.
Standing underneath the suspended load while the crane is being operated is prohibited.



Important:

Do not damage the cover with the crane slings!

- For crane operation, the crane hangers attached to the top of the tank must be used.
- Attach 4 suitable load-handling attachments of equal length to crane hangers (minimum length 2m).
- DT-Mobil can be loaded or unloaded from or onto the transport vehicle.



5.2.3 Transporting

During transport, observe the applicable regulations for transport and securing loads, in particular:

- the road traffic (licensing) regulations of the country concerned,
- CEN 12195 Parts 1 to 4 for calculation and lashing.

Use the crane hangers to attach the tension straps when fastening straps to the transport vehicle.



Important:

Form-fit before force!

Most importantly, try to load the filling station so it rests against one or more sides (e.g. by slinging to the side of the vehicle).

Recommendation:

Use a non-slip mat.



Important:

Risk of material damage to the filling station with lid.
Airflow while driving can open the lid and possibly tear it off. Therefore, always transport the filling station with the hinges in the direction of travel.

5.2.4 Filling the tank

Ensure that the tank is horizontal and adequately secured!



Fire, naked flames and smoking prohibited

1. Open the lid of the DT-Mobil.
2. Unscrew the cap on the filling connection ②.
3. Refill the container using a delivery nozzle with an automatic shut-off.
4. Check the contents of the tank using the fill level indicator.
5. Screw the cap of the filling opening back on tightly.
6. Immediately remove any contamination caused by refilling the tank with a dry cloth.
7. Close the lid of the DT-Mobil.

5.2.5 Filling

Ensure that the tank is horizontal and adequately secured!



Fire, naked flames and smoking prohibited

Check the contents of the tank using the fill level indicator.



Important:
Danger of electric shock!
Ensure electric cables/connections are clean and dry.



Important:
Set the switch of the pump to 0 (off) before connecting the power source.

1. Open the lid of the DT-Mobil.
2. Connect the terminal clamps ③ to a suitable voltage source (see tank or pump type plates). Observe the colour coding:
 - red = positive terminal (+)
 - black = negative terminal (-)
 Switch on pump ④ at the switch.
3. To fill, remove delivery nozzle ⑤ from the holder and fully insert the delivery spout into the container/tank to be filled.
4. Operate automatic delivery nozzle ⑤ (if necessary, lock with locking device) and carry out the filling operation.

Tank ventilation and pressure relief are performed automatically by the integrated valve ②. For larger delivery quantities, filling opening ② should also be opened.



Important:
Constantly monitor the filling process.

5. Close the automatic delivery nozzle ⑤ and allow the fuel to drip off.
6. Switch off pump ④.
7. Completely disconnect the pump from the power source and roll up the cable.
8. Insert the hose and nozzle into the integrated holder.
9. Close the lid of the DT-Mobil.

6 Accessories

The following accessories are available for DT-Mobil Easy and DT-Mobil PRO PE:

6.1 Hinged cover as lockable protection for the fittings

DT-Mobil Easy 210l: Order no. 11062



DT-Mobil Easy 440l,
Combi 440/50l and Pick-up 210l: Order no. 11057



6.2 Level indicator

DT Mobil Easy Pick-up 210: Order no. 11256

DT Mobil Easy 440: Order no. 11058

DT Mobil Easy COMBI 440/50
and 440 Basic/Premium: Order no. 11059



6.3 Flow meter K24, diesel

Order no. 11111



6.4 Charger / batteries



Charger ASC55, 220 - 240 VAC, 3A, CAS
Order no. 11385



Li-Power battery 18 V / 4.0 Ah CAS
Order no. 11387



Li-Power battery 18 V / 2.0 Ah CAS
Order no. 11386



Li-HD battery 18 V / 8.0 Ah CAS
Order no. 11388

7 Maintenance and inspection

7.1 Safety measures



Important:

*The operator must provide any protective clothing that may be required.
Who can carry out maintenance and inspection work?*

» Normal maintenance work can be carried out by trained operating personnel.

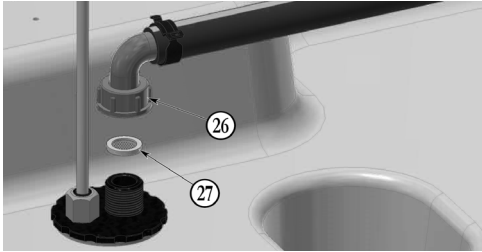
7.2 Maintenance and inspection table

Interval	Assembly	Action
As re-quired	Outside of filling station	Remove adhering dirt and diesel fuel.
Monthly	Container	Visual check for damage
	Line/hose system	Check hoses for cracks and porosity, check valves for leaks (replace defective parts).
Annually	Filter seal at 90 degree bend	Clean (see picture)

7.3 Troubleshooting

Fault	Possible cause	Solution
Reduced pump output	Hoses are blocked or kinked	Check hoses
	Air bubbles in the liquid	Leave the tank to stand for a few minutes
	Filter seal at 90 degree bend clogged	Clean (see picture)
	Battery voltage too low	Charge battery
Pump does not run when bat-tery inserted	Battery empty	Charge battery
	Battery not inserted correctly	Insert battery correctly

7.4 Cleaning the filter



- ②⑥ Hose connection
- ②⑦ Filter seal

1. Unscrew hose connection ②⑥
2. Remove, clean and reinsert filter seal ②⑦
3. Mount hose connection ②⑥

7.5 Electrical connection of the pump with terminal clamps

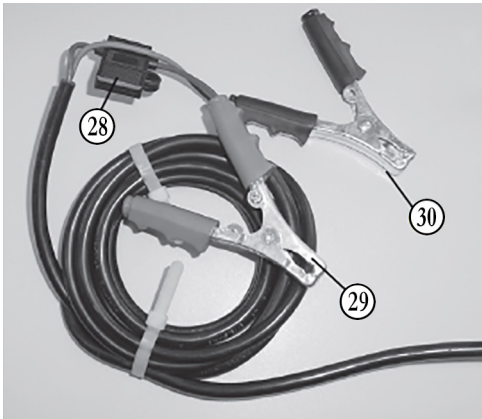
Connect the 4 m-long connection cable to a suitable DC power source with terminal clamps:

- Red: positive terminal (+)
- Black: negative terminal (-)



Important:

In the black holder on the connection cable there is a blade fuse compliant with DIN 72581/3C.



- ②⑧ Blade fuse as required by DIN 72581/3C
- ②⑨ Red terminal clamp (+)
- ③⑩ Black terminal clamp (-)

8 Additional tank COMBI 440/50

With electric pump and delivery nozzle for urea solution AUS 32.

8.1 Layout



- ① Ventilation valve
- ② Filling opening
- ⑮ AdBlue delivery nozzle

8.2 Technical data

8.2.1 Additional tank for AUS 32

Dimensions L x W x H mm: 638 x 421 x 561
Nominal volume: 50 l

8.2.2 Pump 12 V

Voltage: 12 VDC
Fuse: 25 A (at the pole terminal)
Power: 220 W
Delivery rate: approx. 25 l/min
max. delivery pressure: 1.1 bar
Liquid temperature: -5 °C to +40 °C

8.3 Electrical connection of the pump

see operating instructions for the pump, section 5

8.4 Initial setup

Unscrew cap of filling opening ②. Check the interior of the container for contamination and clean it if necessary, e.g. with a vacuum cleaner.

Refill the container using a delivery nozzle with an automatic shut-off. After refilling, screw the cap back onto filling opening ②.

Make sure that the pump is switched off. Connect the terminal clamps to a suitable voltage source and switch on the pump at the switch.

Please note:

Despite increased caution, contaminants may have entered the system during assembly of the individual parts. Due to the high purity requirements during set-up, we therefore recommend that the first 5 litres, approximately, are not used to fill the vehicle, but are collected separately.

The filling station is now ready for operation.

8.5 Use

8.5.1 Refuelling vehicles/filling containers

Take delivery nozzle ⑬ out of the holder and fully insert the delivery spout into the container/tank to be filled.

Connect the power supply and switch on the pump at the switch.

To dispense urea solution, now pull the actuating lever of the delivery nozzle and, if necessary, slot the small flap below the lever into the tothing at the desired level. The delivery nozzle switches off automatically when the container/tank of the vehicle to be refuelled is full. If you wish to stop dispensing before the tank is full, pull the level briefly to disengage and release it.

After the delivery spout has drained, remove the nozzle from the filler neck and roll up the hose.

Place the delivery nozzle back in the holder. Shut off the pump.

Never let the pump run dry for a prolonged period of time if the container is empty. It can only be safely run dry on a limited basis and can be damaged by overheating.

Do not kink the delivery hose when refuelling and winding it onto the container.



Important:

The refuelling process must be supervised at all times.



Note:

Container ventilation and pressure relief are performed automatically by integrated valve ①. For larger delivery quantities, filling opening ① should also be opened.

8.5.2 Environmental influences

The additional tank for AUS 32 should not be exposed to direct sunlight for a prolonged period of time, neither during transport on a vehicle nor during storage. The container is made of a high-quality opaque plastic. In direct sunlight it can heat up considerably, which has a negative effect on the quality of the urea solution and can also lead to deformation of the container.

Protect your filling station by covering it, for example. Deformations caused by heat do not constitute grounds for a complaint.

Ideal storage conditions for the urea solution are in the temperature range from -5 °C to +25 °C. Above +25 °C ammonia begins outgassing. In this case, ensure that the environment is sufficiently ventilated. Below -11 °C the urea solution will freeze and the filling station can be damaged.

8.6 Maintenance

Dripping and minor leaks cannot be avoided with urea solution. This leads to build-up of crystallised white urea. Clean the unit, especially the delivery nozzle, with lukewarm water if necessary. While doing so, do not allow drinking water to get into the container, as it does not meet the purity requirements.

Only demineralised water can be used to clean the inside of the container.

Maintenance of the pump, see operating instructions of the pump, section 9.

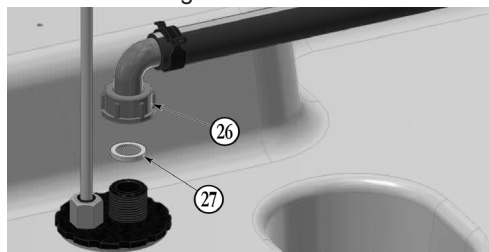
The container and the hoses should be visually inspected regularly, at least once a month, for damage and leaks. Defective parts must be replaced.

8.6.1 Troubleshooting

(For troubleshooting at the pump, see operating instructions of the pump, section 10)

Fault	Possible cause	Solution
Delivery hose is leaking	Hose clamp loose	Re-tighten hose clamp with a screwdriver.
	Cracks in the hose	Shorten the delivery hose up to the leaking point or replace it completely.
The delivery nozzle does not switch off automatically or switches off too late	The delivery spout is not correctly inserted into the refilling interface	Fully insert the delivery spout into the refilling interface
Pump is running, but little output	Hoses are blocked or kinked	Check hoses
	Air bubbles in the liquid	Leave the tank to stand for a few minutes
	Filter clogged	Clean filter (see section 8.6.2)
White crystals or liquid in the delivery nozzle drip tray	Escaped liquid (dripping liquid)	Clean the delivery nozzle drip tray.

8.6.2 Cleaning the filter



②⑥ Hose connection

②⑦ Filter seal

1. Unscrew hose connection ②⑥
2. Remove, clean and reinsert filter seal ②⑦
3. Mount hose connection ②⑥

9 Decommissioning

1. Drain the tank completely (using the pump via the delivery hose and delivery nozzle).
2. Disassemble DT-Mobil Easy or PRO PE into individual parts.
3. Sort according to material characteristics.
4. Dispose of in compliance with local regulations.



Danger

of environmental contamination due to residue in the tank.

Collect the residue separately and dispose of it in compliance with local environmental regulations.

10 Warranty

We guarantee that the filling station will be produced free from defects in materials, functionality or workmanship under our general terms and conditions of trade.

These can be viewed at
<http://www.cemo.de/agb.html>

The warranty applies only under the condition that the above operating and maintenance instructions and all applicable regulations are closely followed. Any modification to the filling station by the customer without consultation with the manufacturer CEMO GmbH will invalidate any claims under the statutory warranty. CEMO GmbH also accepts no responsibility for damage caused by inappropriate use.

11 Test report

see reverse side

12 Declaration of conformity

EC Declaration of Conformity to Machinery Directive 2006/42/EC Appendix II 1.A

The manufacturer / distributor
CEMO GmbH
In den Backenländern 5
D-71384 Weinstadt



hereby declares that the following product

Product designation:	Mobile diesel filling station
Make:	CEMO
Type designation:	DT-Mobil Easy, DT-Mobil Easy Pick-up and DT-Mobil Easy COMBI, DT-Mobil PRO PE and DT-Mobil PRO PE COMBI

Description:

DT-Mobil Easy: Mobile diesel filling station (IBC) with single-wall PE tank (according to ADR provision 1.1.3.1 c) with various capacities (210l, 440l, 440/50l)

DT-Mobil PRO PE: Mobile diesel filling station (IBC) with double-wall tank (as according to ADR provision 1.1.3.1 c) with various capacities (440l, 440/50l)

complies with all relevant specifications from the above-named directive, including its amendments applicable at the time of the declaration.

The machine also complies with the protection targets of the Low Voltage Directive 2014/35/EU.

The following harmonised standards have been applied:

- | | |
|-----------------------------|--|
| EN ISO 13854:2019 | Safety of machinery - Minimum gaps to avoid crushing of parts of the human body |
| EN 60204-1:2018 | Safety of machinery - Electrical equipment of machines - Part 1: General requirements (IEC 60204-1:2016 (modified)) |
| EN 809:1998+A1:2009/AC:2010 | Pumps and pump units for liquids - Common safety requirements |
| EN ISO 12100:2010 | Safety of machinery - General principles of design - Risk assessment and risk reduction |
| EN ISO 13857:2019 | Safety of machinery - Safety distances to prevent hazard zones being reached by upper and lower limbs (ISO 13857:2019) |

Name and address of legal entity authorised to compile the technical documentation:

CEMO GmbH
In den Backenländern 5
D-71384 Weinstadt

Location: D-71384 Weinstadt
Date: 10/04/2024

(Signature)
Eberhard Manz, Managing Director

