



General

The operating manual (OM) must be carried at all times and be available to the operator. The content of the OM must be read, understood, and observed in all respects by the operator. This particularly applies to the safety instructions. These instructions help to prevent accidents, errors, and malfunctions. Additionally, this OM contains all the documents necessary for the operation and maintenance of the vehicle.

Should errors, damages, operational disruptions, or resulting production failures or personal injuries occur due to non-compliance with the individual points of this operating manual, Helmut Esselmann GmbH & Co.KG and its affiliated companies assume no liability.

Safety instructions

- ⚠ The user of the dispensing vehicle must have read and understood the operating manual.
- ⚠ Please observe national laws and regulations as the operator.
- ⚠ Also, pay attention to safety instructions on the vehicle's front and the operating manuals provided by component manufacturers.
- ⚠ Spare parts must meet technical requirements. This is always the case when using Esselmann original spare parts.
- ⚠ Electrical system issues should only be repaired by a qualified professional.

Pre-checks before each trip

- ✓ Check tire pressure / tire condition / permissible min.-max. load / functioning of vehicle lighting.
- ✓ Check the closure of flaps and doors.
- ✓ Adjust height-adjustable towing devices to the coupling height and secure the crank with a spring clip.
- ✓ DO NOT adjust when coupled!
- ✓ Ball head coupling: the ball head coupling must fully and securely enclose the ball.
Check screw connections for tightness.
- ✓ The breakaway cable must be attached to the towing vehicle.
- ✓ Raise the drawbar support wheel, fold it (or let it fold) and secure it parallel to the direction of travel.
- ✓ Release the handbrake lever, retract the supports, and remove chocks.
- ✓ Transport only in the closed state.
- ✓ Do not overload the vehicle. Weigh the load or vehicle before departure.
- ✓ The permissible towing capacity of the towing vehicle must not be exceeded.

Coupling

1. Reverse the towing vehicle towards the trailer or maneuver the trailer to the coupling point, adjusting, if necessary, the height-adjustable towing device to match the coupling height of the towing vehicle.
2. Open the coupling mouth: pull the handle upwards.
3. Place the opened coupling onto the towing vehicle's hitch ball and release the handle. It must now independently return to its original position. Pay attention to the "+" position on the coupling.
4. Connect the breakaway cable and lighting connector to the towing vehicle.
5. Raise the support wheel to its limit, fold it, and secure it.
6. Release the parking brake before starting the journey.

Uncoupling

1. Fold down the support wheel and rotate it until it touches the ground.
2. Release the breakaway cable and lighting connector.
3. Secure the trailer by applying the parking brake or using wheel chocks.
4. Pull the handle of the coupling head forcefully upward in the arrow direction.
5. Lift the coupling from the towing vehicle's hitch ball by lowering the support wheel.

Transport

- ⚠ Follow safety instructions from the "Pre-checks before each trip" section. Maximum speed: 80 km/h. Additionally, observe any relevant national regulations.

Assembly

1. Ensure a firm ground.
2. Uncouple the trailer (see section "Uncoupling").
3. Release the threaded support rods at the four corners of the trailer and place them on the ground using your foot; Turn the swivel nut until it stops, securing the vehicle. Optionally, set the fall height for heavy-duty supports and turn the trailer out and support it using the supplied wheel wrench.
4. Connect the cable to the socket below the refrigeration machine box.
5. Establish power supply (220-240 V~, 50-60 Hz) with a maximum cable length of 25 m, using a cross-section of 3 x 2.5 mm² per lead for a circuit with 230 V 16A. Connecting additional consumers is not permitted. If used, completely unwind cable drums.
6. Use wheel chocks according to StVO (1 x front and 1 x rear).

Dismantling

The dismantling of the trailer is done in reverse order.

Maintenance and Care

- ✓ Wash vehicles with cold water without additives in the first two months after delivery.
- ✓ When using high-pressure washers, keep the spray head at least 70 cm away from the paint surface.
- ✓ Temperature max. 80°C and pressure max. 30 bar.
- ✓ Use only cleaning agents approved by Esselmann GmbH & Co KG.
- ✓ Conduct labeling work only on tempered vehicles at 17-20°C. Follow the manufacturer's instructions when using adhesive films.
- ✓ Check screw connections for tightness with a torque wrench:
- ✓ Wheel bolts: After the first load-bearing journey and after each change: up to 1,800 kg axle load. 110 Nm.
- ✓ Fastening of DIN eyelet / car ball head: After the first load-bearing journey and after each change: 90 Nm.
- ✓ Fastening of the clamping bracket on the headpiece: 190 Nm: After the first load-bearing journey and once a year.
- ✓ Annually check deceleration values and the function of the overrun and parking brake, as well as the thickness of the brake pads.
- ✓ Clean and maintain the compressor and evaporator of the refrigeration system annually.
- ✓ Have the electrical system checked annually according to VDE 100.
- ✓ Commercially used vehicles are work equipment; therefore, an annual UVV inspection according to DGUV 70 must be carried out and documented in writing. This inspection does not replace the official inspection (HU).

WE WISH YOU A SAFE AND PLEASANT JOURNEY AT ALL TIMES.

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