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|                                                                      | <b>Supplement to the User Manual –<br/>Container with Lid Opening up to 270<br/>Degrees</b> | <b>UM-5</b> |
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## Operating Conditions and Safety Requirements

The container lid with an opening range of **270 degrees** is designed to prevent the transported material from entering the surrounding environment and **does not provide protection against precipitation entering the container.**

To prevent precipitation from accumulating on the lid, the lid must be closed **immediately before transportation** of the material contained in the container begins. When the container is not in use, it must be stored **with the lid open.**

The container lid is equipped with a hydraulic cylinder **100×50×500 mm** with a working chamber volume of **3.8 / 3.0 L.**

Due to the complexity of the design, opening and closing operations require skilled and careful handling. The operator must undergo mandatory training. The training method and duration are determined by the responsible user.

The hydraulic drive installed as standard equipment meets the technical requirements of the hydraulic cylinder and, when operated in the correct sequence, allows the container lid to be opened and closed safely.

The container with lid is supplied fully assembled and complete. All adjustments have been completed and sealed.

The user is allowed to change adjustment settings only if they have documented, certified qualifications. Otherwise, any interference with adjustment settings will void the warranty for the lifting/lowering mechanism.

## Requirements for an External Hydraulic Drive

The external hydraulic drive must meet the following requirements:

- Working pressure: **max. 180 bar**
  - Flow rate: **max. 12 L/min**
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## Operating Procedure for the Lid

### Opening

1. Ensure that the lid is not locked, that there is no snow or remaining material on the lid, and that no unauthorized persons are present in the opening area.
  2. All opening actions must be performed while maintaining visual control of the lid movement. Move the valve lever to the **“lift”** position and begin opening the lid using the standard hydraulic unit (manual pump or drill-driven pump).  
When using a drill-driven pump, the direction of rotation must match the direction indicated on the information label.
  3. When approaching an opening angle of **90°**, the operating speed must be reduced, and the range **90–120°** must be passed in slow mode.
  4. Further opening is carried out in normal mode, avoiding any swinging effect.
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### Closing

1. Ensure that the lid is not locked, that there is no snow or remaining material on the container frame, and that no unauthorized persons are present in the closing area.
2. All closing actions must be performed while maintaining visual control of the lid movement. Move the valve lever to the **“close”** position and begin closing the lid using the standard hydraulic unit (manual pump or drill-driven pump), avoiding any swinging effect.  
When using a drill-driven pump, the direction of rotation must match the direction

indicated on the information label.

3. When approaching a closing angle of **90°**, the operating speed must be reduced, and the range **90–70°** must be passed in slow mode.
4. Further closing is carried out in normal mode, avoiding any swinging effect.

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## Notes

When using an external hydraulic drive, it is mandatory to verify its compliance with the technical requirements: working pressure **max. 180 bar** and flow rate **max. 12 L/min**.

Replacing the standard hydraulic drive with an external one does not change the operating sequence for opening/closing the lid.

In case of drive replacement, the manufacturer refuses any warranty obligations related to lid operation. All responsibilities related to personnel training and compliance with the technical regulations lie with the operator of the container with lid.

**OÜ BIRGER**

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