



UHF-Gate / Box Requirements for Shipment / Installation

Status: October 2019

Technical requirements for shipment/installation of the UHF-Box/UHF-Gate

1. Shipment of the box/gate fully assembled

- A fork-lift truck and two belts (>500 kg) must be available to unload.
- The consistent clearance height to the place of installation must be a minimum of 2.50 m.
- The consistent clearance width for transport of the pallet has to be 1.70 m.
- Transport without palett see 3.

2. Shipment of the box/gate in individual components

- A space of approx. 6-8 m² must be available at the place of installation for assembly of the UHF reading system.
- The room height must be at least 3 m.
- Clearance height/width to the place of installation must be suitable for transport of a pallet of 1.70 m x 2.20 m.
- At least 2 persons are required for assembly upon delivery of the individual components.

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3. Lift and place the UHF-Box UHF-Gate without pallet

- There are two rings on the top of the UHF-Box / UHF-Gate to lift it by using a fork-lift truck. Therefore you need to ring the belts like shown in the picture.



Pic. 1 hanging UHF-Box

- The UHF-Box can now be lifted and transported to the final place.

4. Commissioning and installation

- The surface must be even and level
- The UHF Box requires floor space of 1.5 m² (1 m x 1.5 m)
- The UHF Box L requires floor space of 2.25 m² (1,5 m x 1.5 m)
- The UHF Box XL/ Gate requires floor space of 2.85 m² (1,9 m x 1.5 m)
- A 230 V connection must be available.
- A LAN connection socket or a PC with RS232 interface must be available.
- A PC system should be available.

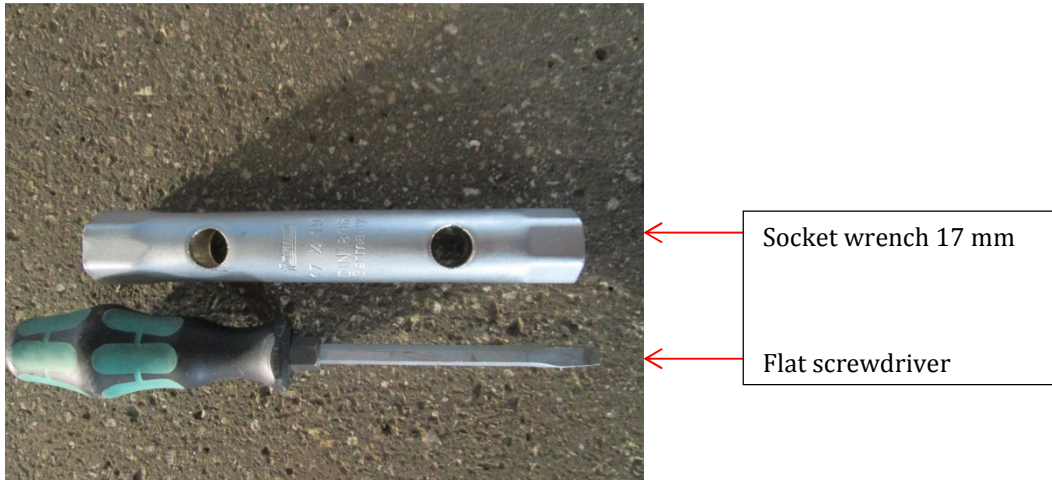


- **A laundry administration programme is required for operation. This is not included in the delivery.**
- **The reader system works in the standalone mode i.e. the transponder numbers of the existing transponders within the detection range are transmitted to the required data interface as soon as the reading process has been started.**

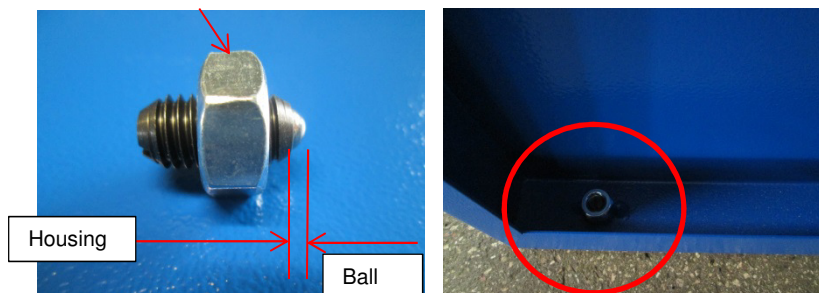
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5. Adjustment of the door lock

- Tools required:



- First, the UHF box must be aligned with a spirit level. For this purpose, small stainless steel plates of different material thickness may have to be underlaid under the frame parts (all 4 corner points).
- In both doors, these pressure pieces with ball and M10 nut are fitted at the top and bottom to counter the pressure piece.



- Close one door at a time for adjustment, open the M10 counter-nuts slightly at the top and bottom and use the screwdriver to turn the pressure pieces far enough into the locking hole so that the door holds well. Please make sure that the pressure piece housing does not touch the bottom of the strike plate or the top of the frame, and that only the ball slides with a minimal gap into the hole.



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