

**textag**<sup>®</sup>

## Textile Distribution and Identification Systems

A woven RFID transponder for the textile and laundry industry suitable for attaching to a wide range of products, including uniforms and linen floor mats. Designed to withstand the harsh environment of the commercial cleaning cycles, teXtag is used around the world. teXtag improves efficiency at all stages of the laundry or garment handling process, from sorting of items through to managing the issuing of laundry with vending style dispensing cabinets which are ideal for workwear management.

### texCabinet return units

To return laundry, the user simply throws the laundry items into the deposit flap. The built-in UHF reader automatically detects the laundry in the cabinet. When the locker is full, the laundry bag, the mesh container or the transport trolley can be changed in a few easy steps. The return locker TCR 50 is suitable for laundry bags. The TCR 200 or TCR 250 return locker is used depending on the size of the mesh container used. The return locker TCR 300 was developed for large transport trolleys. Depending on which texReturn model is used, between 50 and 300 garments can be returned. With the TCR 250 and TCR 300 the height of the deposit flap can be adjusted in 3 steps and optionally there is the possibility to lock the deposit flap electronically and to release it via ID card and RFID reader.

### Your benefits at a glance:

- **Fast and safe reading of deister UHF-textags**
- **Improvement of the hygienic regulations**
- **Reduction of the quantity in circulation**
- **Laundry return can be decentralized using individual return stations**
- **Safety lock for emptying**
- **Easy to remove laundry container**
- **Various return cabinets available for standard mesh containers and transport trolleys**



TCR 50

TCR 200

TCR 250

TCR 300

### Technical data

#### Dimensions including ramp WxHxD / Weight:

TCR 50	545 x 1950 x 520 mm / 60 kg
TCR 200	1300 x 2050 x 1031 mm / 150 kg
TCR 250	1300 x 2184 x 1242 mm / 205 kg
TCR 300	1050 x 2184 x 1731 mm / 253 kg

**Material:** Steel, powder coated

**Farbe:** Frame DB 502  
Door similar to RAL 9006

**Operating temperature:** +5...+50°C

**Relative humidity:** 5...95 %, non-condensing

**Power requirement:** 230 VAC

**Frequency:** 865 - 868 MHz

**Transponder technologies:** ISO 18000-6C  
EPC Class 1 Gen 2

**Interfaces:** RS485 deBus, TCP/IP

**Capacity:** Depending on the return unit  
approx. 50-300 laundry items