

Laundry return units

TEXLOG® LAUNDRY RETURN

Location-independent return of dirty laundry



The KEMAS texLOG® textile return units are used to return worn or dirty laundry items. These can be flexibly positioned at central collection points.

Size and features

There is a choice of two different units for use with laundry bags or for standard laundry trolleys. The returns are equipped with UHF RFID antennas for the detection of labelled textiles. A fill level indicator is also available as an option. The operator guidance is via a 4.7" screen.



Traceability of labelled textiles

The basis is UHF RFID transponders that link article and carrier information in the textiles. The articles are managed in the texNET administration software. After the articles are returned, the temporary assignment to the employee is also cancelled, thus relieving the employee's quota.

Permanent inventory control

Current stocks and usage data are recorded in a comprehensible manner. This means that emptying times can be precisely timed and notifications sent. When the fill level is reached or the laundry trolley is missing, the insertion flap can also be locked automatically as an option.

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TECHNICAL DATA

Product feature

- Pillar (FS) tex return:
Electromechanically unlockable return flap
(Dimension approx. 340 mm x 290 mm)
- Return unit tex bulk:
For insertion of standard laundry trolleys up to the
size of 1750 x 950 x 850 (HxWxD)

Operating conditions

- Intended for indoor operations
- Operational temperature range: +5°C - +45°C
- Humidity: < 95 %, non-condensing

Electrical layout

- Protection class 1, IP 41
- Nominal operational voltage: 110-230 V
- Operational voltage range: -15 % to +10 %
- Frequency: 40 Hz to 60 Hz
- Power consumption: 50 W

Controls

- 4,7" screen for user guidance
- Data transmission with interim buffering via LAN to the KEMAS server

Security

- For compartment pillar tex return: front door electrically unlockable
- Emergency access via service locking

Recognition

- Reading of UHF RFID textile tags inside the return units
- Capacity depends on the size of the laundry container used; referenced to standard tunic and slacks approx. 150 - 200 pieces
- UHF reader (865 - 868 MHz) with ISO 18000 - 6C protocol
- ID card reader to identify users and service providers

Options

- Filling level indicator with 3 levels
(empty/75 %/100 %)
- Automatic message on reaching 75 % or 100 % of filling level

No.	Name	Description	Outside dimensions H x B x T (in mm)	Volume in litres	Weight in kg
1	FS tex return	Laundry return cabinets for usage with laundry bag, equipped with lockable return flap	1990 x 700 x 500	max. 220	ca. 120
2	Return unit tex bulk	Return unit for usage with laundry trolley, closed at frontside with door, backside is closed	2250 x 1290 x 950	ca. 1,200	ca. 300