

Thank you very much for choosing LEO!

This document provides information on the components of the BITO LEO transporter system.



LEO locative



LEO carrier

OPERATING INSTRUCTIONS, VIDEOS AND OTHER DOCUMENTATION

Our **LEO Wiki platform** helps with detailed information such as **instructions of assembly and start-up**. Also check this platform for the latest **updates** to keep LEO transporters, Smart Boxes and tablets running smoothly and securely. Moreover, LEO Wiki provides **information about each transporter, a list of all LEO markers and their function as well as examples of path layouts**.

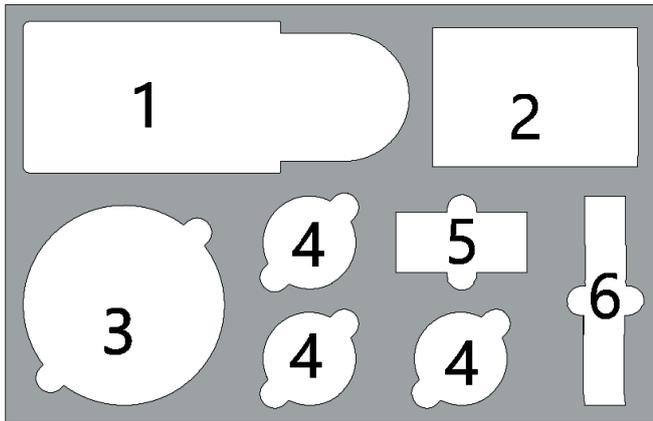
1. Enter www.leo-wiki.com into your browser or scan this **QR code**.
2. Click on "**Request account**" in the top right-hand corner to request a user account.
3. Fill in your user name, the name of your company, your email address and a password and **submit the registration form**. If you are unable to submit the registration form, your password may not have met the requirements. The password must contain **at least 8 letters or numbers**. Please change the password as required.
4. You will then receive a mail with your **registration confirmation and a link**. Please confirm by clicking on this link to **complete registration**. Accounts are activated on working days only. **Please note that you might find the confirmation email in your spam folder**.
5. LEO Wiki provides a **Quick Guide** that provides step-by-step instructions to help with commissioning your LEO system.



LEO Service Hotline: +49 6753 122-9516
LEO Service Email: leo-service@bito.com



The LEO starter box includes the following items:



1. Lithium-ion battery charger



2. CH/UK adapter cable

3. Track tape robust for heavy-duty applications



4. Track tape flex for light to medium duty applications



5. Starter package with markers



6. Service cable



The accessory package comes in a **BITO XL 6412 container** and also includes a track template to help placing the track tape and the markers around path curves.

LOOKING FOR MORE?

Useful upgrades and options to enhance your LEO system



Blue Spot

Increase safety! The LEO transporter already comes with an obstacle scanner and a hooter. The warning sound can be used in hazardous areas. In addition to acoustic signals, the Blue Spot **visually alerts pedestrians and forklift drivers**. The lamp is fitted at the front of the LEO transporter and projects a blue spot on the floor.

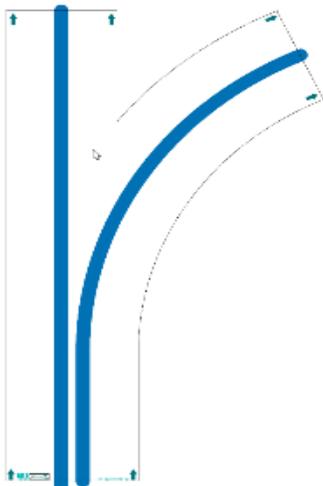


Destination control via tablet

Smart radio technology enables many other features. **Remote destination monitoring** is one of the main features. This function is particularly useful if destinations need to be changed frequently. Any input can be entered manually using a tablet and also with a **barcode scanner or a machine interface**.

Extremely durable track tape

with ULTRA track tape or floor paint



Regular lift truck traffic limits the service life of track tape. For low to medium duty applications, our track tape **flex** or **robust** is ideal. For areas such as intersections with more truck circulation, we recommend our track tape **ultra**.

However, if there is a higher impact due to larger vehicles, there is the possibility of painting the path on the floor. We recommend using the paint brand tested by us **which comes in matching RAL colours**. This **two-component paint** is applied with a small paint roller. It is important to maintain the same track width (19 mm) and to use the same colour as the track tape.

Automatic battery charging



The LEO charging station makes manual battery replacement a thing of the past. The charging station takes automation to the next level, enabling **non-stop operation of your LEO system**.

The transporter is **interval-loaded during ongoing operation**. Depending on the course length, **LEO automatically enters a charging station** whenever it fits into the work process.



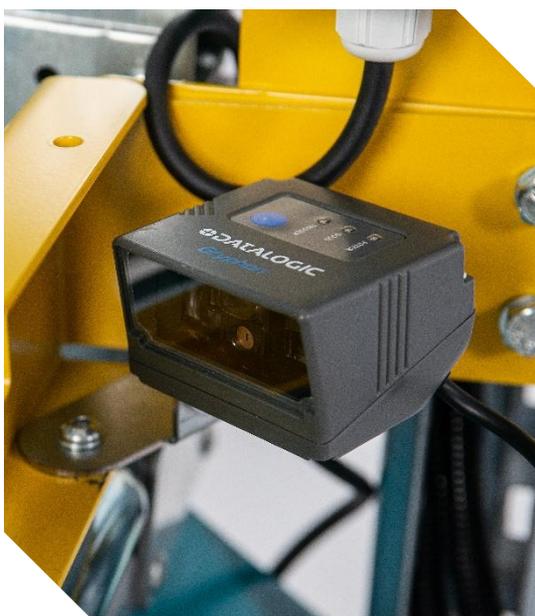
Automated bin exchange at transfer stations

Single or twin stations / with or without buffer lanes

This option takes you one step further towards automation. Bins are transferred **automatically without human intervention**. Single stations for picking up or delivering loads **can be converted into twin stations**.



Another option are buffer lanes that can be fitted directly to transfer stations. They optimise **material flow** by providing enough space to gather several bins at a station or make them available for collection. Depending on your requirements, you can choose between a 1.2 m or a 2.4 m variant.



Barcode scanner, connection to your stock inventory system or WMS

Barcode scanners offer many advantages, especially in conjunction with buffer lanes. Barcodes contain destination data which are **automatically read by the scanner and transmitted to the transporters**. This avoids errors when manually entering targets.

The barcode scanner is supplied as a **complete package including the required cables and carrier plate for self-assembly**. The installation requires a **LEO Smart Box** to which the barcode scanner can be connected.

Smart Box pro / lite



The LEO Smart Box serves as **remote control unit** of the LEO system. No WLAN infrastructure is required for this purpose. The increasingly complex requirements that LEO has to meet have resulted in the need to develop two Smart Box variants. The Smart Box lite ensures **communication between the transporter and the transfer station**. It controls processes such as LEO station entries and bin deliveries. In addition, the Smart Box pro enables more **complex tasks** such as the “traffic light” function.

The Smart Box lite can be upgraded into a Smart Box pro with a **system update**.

Do you need customised advice?

Feel free to contact us to make an appointment for an online meeting with our BITO LEO specialists.



Further service options are:

- Start-up service
- Training
- Maintenance & inspection service

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