LR-sorter

The LR-sorter handles a wide range of items. The vertical layout enables bi-directional (left-right) sorting, which maximizes the number of exits in any given footprint.

The sorter is built on our proven slide tray sorter technology and offers a compact solution. Thanks to the vertical, I-shaped layout, the system has a small footprint and offers possibilities for projects with limited space available. This sorter is often used for outgoing goods, but is also capable of handling returns.

The modular design allows a very short delivery time, while maintaining a flexible and scalable layout that allows easy installation, expansion and moving of the sorter.

Minimised downtime

To minimise the downtime for the customer, the sorter will be built up in our production facility. After testing, the sorter will be broken down into transport-ready sections. By doing so, the installation can be carried out within one week.

Products
Parcels, fashion envelopes,, shoes, e-commerce and accessories

Product dimensions
Min. 40 x 10 x 1 H mm
Max. 600 x 400 x 400 H mm

Product weight
Min. 0.02 kg
Max. 15 kg
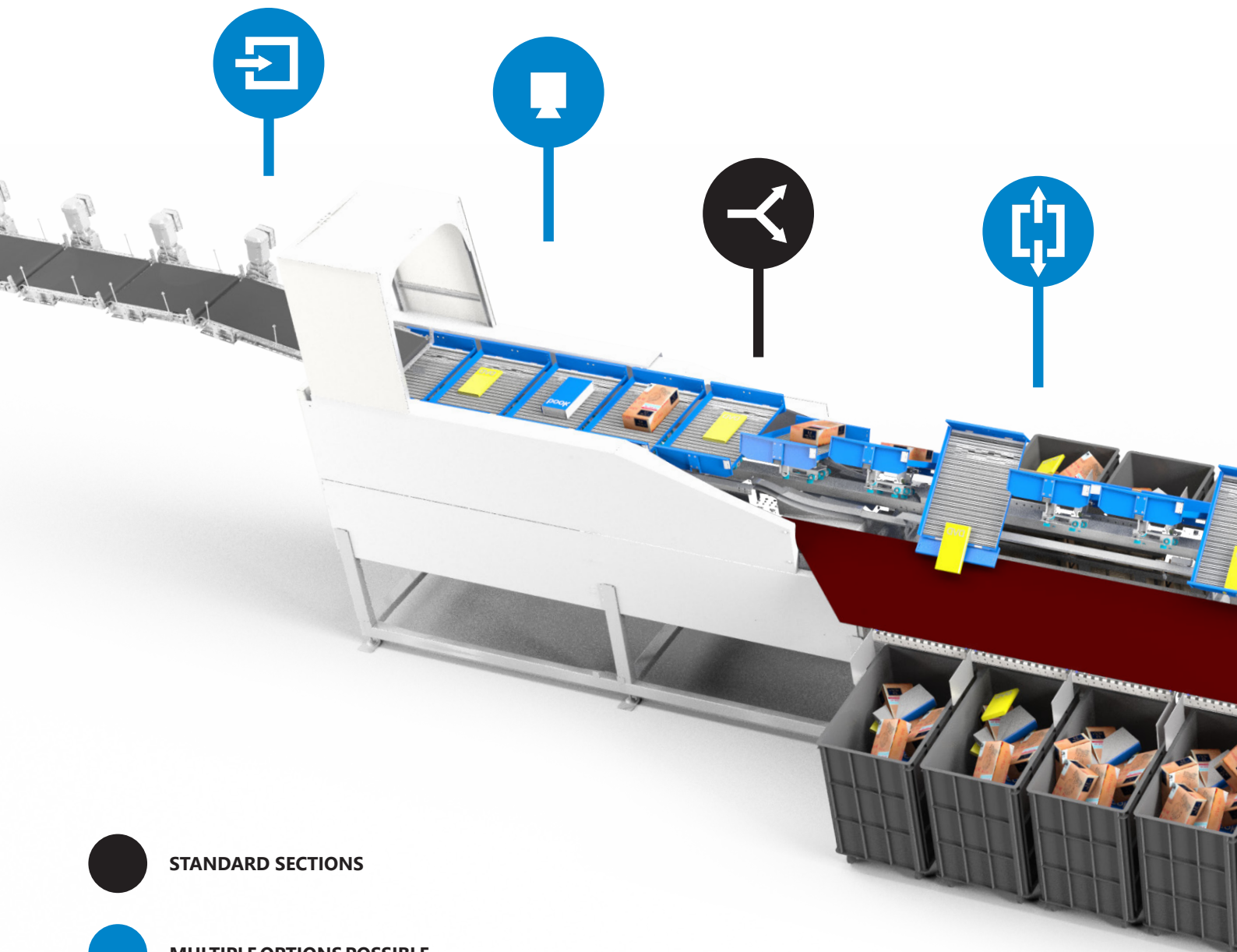
Capacity per hour
8.000 trays / hr

Installation and expansion
Within one week

MEAN
MODULAR
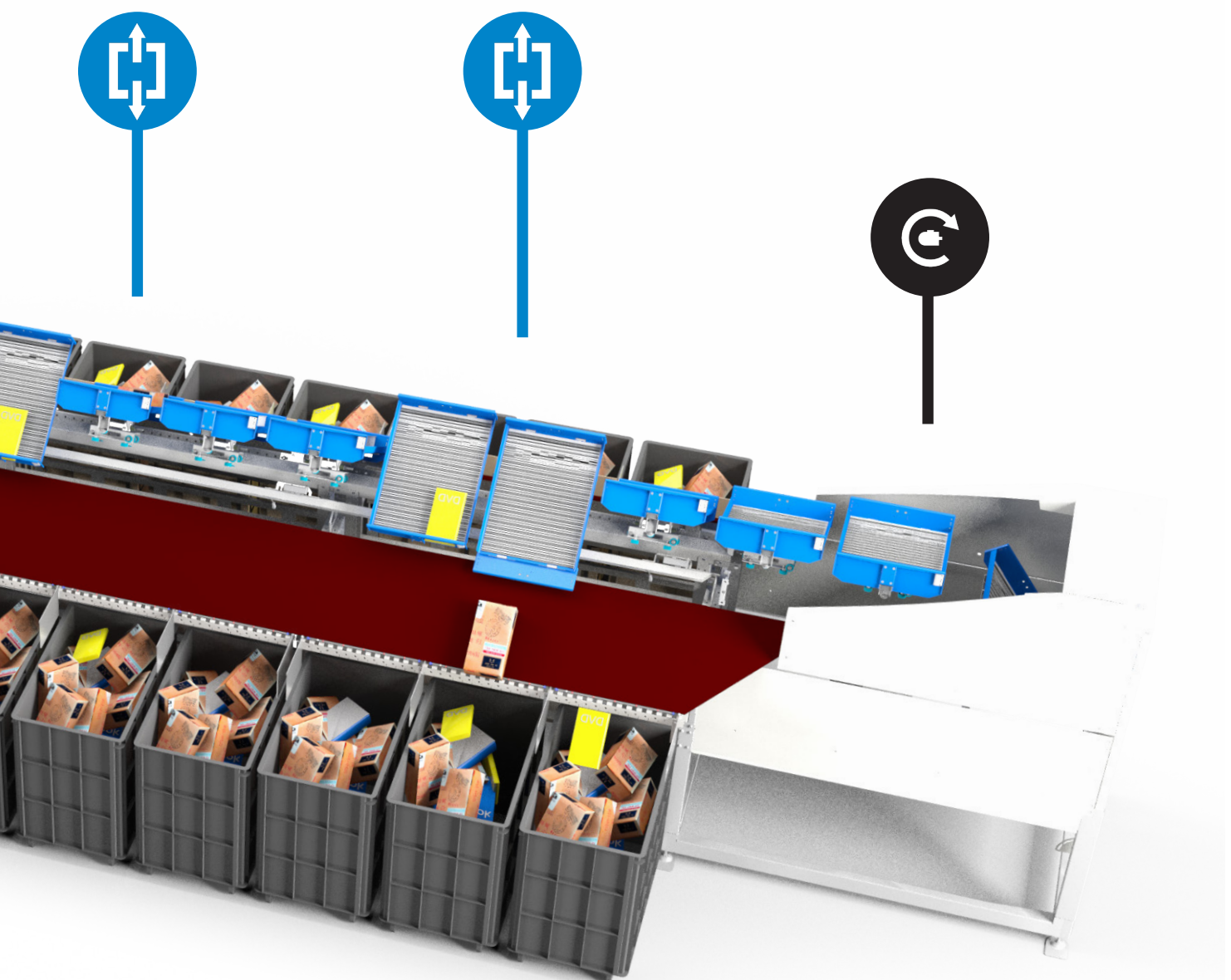# MACHINE

STANDARD SECTIONS

MULTIPLE OPTIONS POSSIBLE

Modular solution

The LR-sorter is the first Equinox sorter with a complete modular design. The sorter is designed in standard sections that can be expanded with options, such as multiple induction positions, different output setups or automatic or manual infeed. Other integrations include dimensioning, weighing and scanning (DWS), Optical character recognition (OCR) and labeling.

This modular design decreases the time needed for the assembly and installation and enables a short delivery time. The machine is assembled and installed in-house before shipping it to the customer. After testing the machine, it is broken down into plug and play pieces. By doing so, the installation time on-site and with it, the customer's down-time is reduced significantly.

Applications

PARCEL

RETAIL

E-COMMERCE & OMNI-CHANNEL

The LR-sorter can be used for a range of applications within the parcel, retail and e-commerce market. Fashion items, parcels, enveloppes or e-commerce items will be handled delicately. Thanks to the slide tray technology, even fragile items can be sorted. The software controls the applications of the sorter and can be used for various processes, such as inbound, outbound, returns, or shipping sorting.
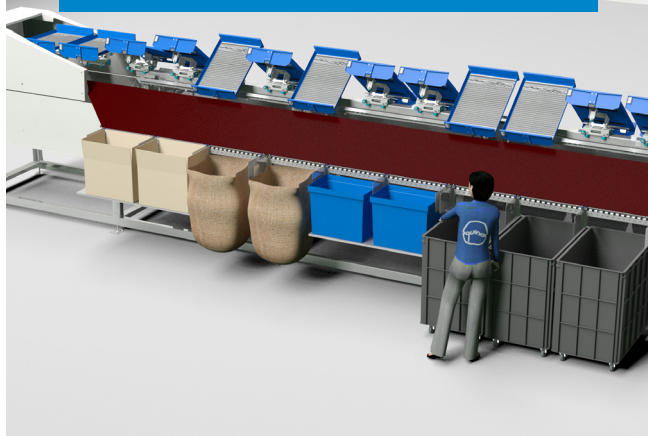
Configurations

OUTPUT
The right type of output is essential for an efficient handling of items. Based on our experience, we have selected a number of standard options. The sorter is adjustable in height to allow sorting to high containers as well. All outputs are designed with ergonomy and efficiency in mind and allow easy and quick handling of items.

CARTONS, TOTES, BAGS, TROLLEYS

CHUTES, ROLL CAGES