

AUTOMATED LOGISTICS

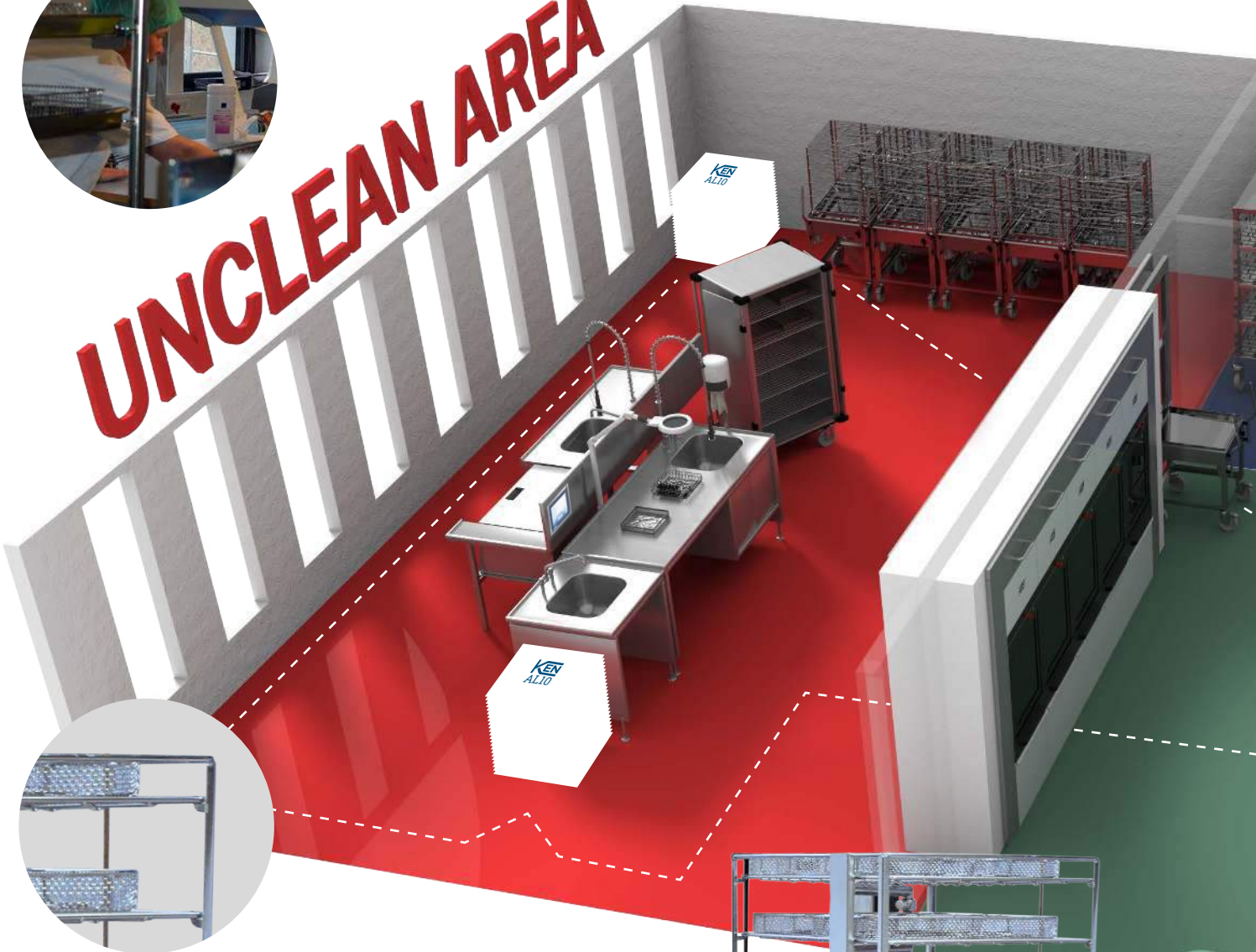
KEN AL10

Automated load carrier for instrument trolleys in CSSD departments





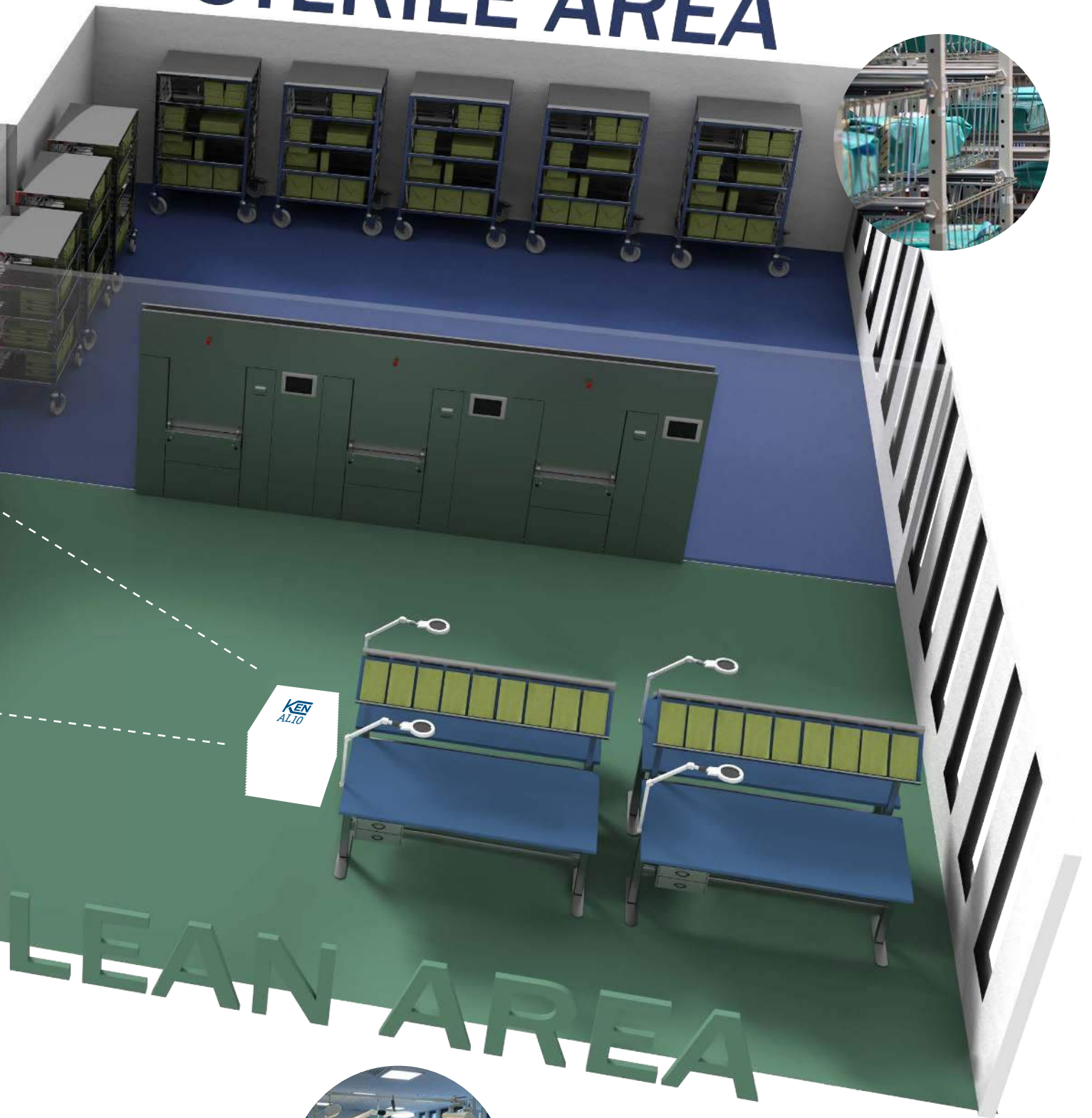
UNCLEAN AREA



- ✓ Increased productivity
- ✓ Employees can focus on high value activities
- ✓ Safely and efficiently maneuvers around people and obstacles
- ✓ Space saving
- ✓ Easily programmed via tablet
- ✓ Light signals
- ✓ Internal maps



STERILE AREA



KEN AL10

Developed for safe and easy transportation of trolleys in the CSSD department

AUTOMATED LOGISTIC

KEN AL10 will carry your trolleys from the packing tables to the washer disinfectors as an optimal logistic solution.

SMALL FOOTPRINT

This solution with no fixed rails or structures will save expensive square meters. The RFID tags on the trolleys will tell the KEN AL10 exactly which washer disinfectors is suitable and free to wash the load on the trolley.

ERGONOMIC

In order to improve the working environment this intelligent solution boasts an ergonomic feature that automatically compensates for height adjustments between table and machine. Loading and unloading of trolleys is fully automatic and releases staff to perform other tasks.

INTELLIGENT PRIORITY

KEN AL10 will detect the washer disinfectant that is free for use, and it can prioritize between urgent and normal washing loads. KEN AL10 will take orders as they arrive, but in case of an emergency the CSSD staff will be able to reprogram by the simple use of a tablet, smartphone or PC.

SAFE TRANSPORTATION

With a scanner and a 3D camera KEN AL10 will safely navigate through the CSSD and prevent collisions with staff and other items.

PARKING

When the work impact is low the KEN AL10 will bring back empty trolleys from the return hatch to the working tables or storage area.

CAPACITY

KEN AL10 can operate from 1-8 machines.



KEN



KEN AL10

TIME SAVINGS

- Automatic loading and unloading of trolleys
- Staff is released to perform other tasks
- Optimum flow – detects available machines

COST SAVINGS

- 1 robot to 1-8 machines
- No rails or fixed loading ramps
- Direct access to machines

LOADING ON FROM ALL SIDES

- Improved shelving system for easier loading of trays

BETTER ERGONOMICS

- Automatic adjustment to table level

IMPROVED FLEXIBILITY

- RFID detection for optimum program use
- Prioritize the workflow
- Returns empty trolleys from hatch area

1. TRANSPORT MODE

2. HEIGHT ADJUSTABLE

3. LOADING / UNLOADING MODE





HEIGHT 1360-1540 mm
WIDTH max. 700 mm
DEPTH max. 900 mm

360°



AL10 Tech specs

- ✓ Payload: Max 150 kg
- ✓ Min.-Max. loading height: 670 mm-850 mm
- ✓ Max speed: 1,5 m/s
- ✓ Weight: 62.5 kg
- ✓ Interface: Smart phone, tablet or PC
- ✓ Range: Min. 10 hours or 20 km
- ✓ CE marked
- ✓ Communication: WiFi, Ethernet or PLC
- ✓ Recharge: Fully automatic
- ✓ Battery charging: Max. 2 hours

People and society depend on companies' ability to make responsible choices regarding hygiene and environment – and that companies are operated efficiently and competitively.

KEN HYGIENE SYSTEMS supplies top quality washing solutions to companies and health care services for cleaning critical equipment. Our solutions include everything needed to ensure efficient installation and operation – consulting, devices, documentation and servicing.

Our solutions are based on the needs of our customers and users. Our relationship with our customers is based on openness and trust in order for them to make informed choices and implement the best solutions.



Clean, lean & green

KEN HYGIENE SYSTEMS A/S
Bøgebjergvej 60
DK-5672 Broby
Phone: +45 62 63 10 91
www.ken.dk

Malone Hospital Services Pty Ltd.
24, Tathra Street
West Gosford 2250, NSW
Phone +61 (02) 4323 9731
E-mail: sales@malones.com.au
Internet: www.malones.com.au