

KELO Robotics

Are you interested?



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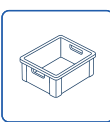
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Collaborative mobile logistics robots

Maximize intralogistics efficiency through
human-robot teamwork

KELO
Robotics

KELO LC 200



Transportation of totes:

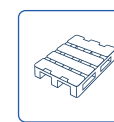
- ▶ KELO LC 200 (lift & carry) is designed to autonomously transport totes in an order fulfillment center for small objects.
- ▶ Containers have standardized sizes (60 cm x 40 cm and 60 cm x 80 cm).
- ▶ Containers are automatically picked up at transfer stations next to the place where the order is commissioned and transported to transfer station near the shipping dock.



Technical specifications:

- ▶ **Drives:** 4 x omnidirectional KELO drives, KD 100s(safe)
- ▶ **Footprint:** 66 cm x 92 cm
- ▶ **Height:** 196 cm
- ▶ **Empty weight:** 90 kg
- ▶ **Payload:** 200 kg
- ▶ **Lift stroke:** 13 cm

KELO PM 1500



Transportation of pallets:

- ▶ KELO PM 1500 (pallet mover) is designed to autonomously move pallets in a warehouse or distribution center.
- ▶ PM 1500 picks up and drops off pallets at transfer stations (pallet racks).
- ▶ It does so by driving into the transfer station under the pallet and then lifting or lowering it.



Technical specifications:

- ▶ **Drives:** 4 x omnidirectional KELO drives, KD 165s(safe)
- ▶ **Footprint:** 90 cm x 144 cm
- ▶ **Height:** 196 cm
- ▶ **Empty weight:** 250 kg
- ▶ **Payload:** 1500 kg
- ▶ **Lift stroke:** 6 cm

Your benefit:

- ▶ Increase of efficiency through human-robot interaction by up to 40%.
- ▶ Introduces a new level of safety in industrial mobile robotics: robots are compliant and can be pushed aside with minimal force.
- ▶ Robots are omnidirectional and can maneuver even in very confined spaces.
- ▶ Extremely simple operation requiring not more than 30 minutes of training.

- ▶ Autonomous operation can be interrupted at any time with a simple grip on the handlebars, for example, in an emergency if the path is unexpectedly blocked or additional items need to be loaded.
- ▶ In interactive mode robot can be used as force-amplifying pallet jack.
- ▶ Return into autonomous mode on a simple button press.