

TUSK ES

**Standard pallets.
Smarter production flow.**

Reliable transport for Euro pallets and other standard formats, with a 1,000 kg payload, DM-code or SLAM navigation and ± 5 mm docking accuracy.



1,000 kg

PAYLOAD

≤ 2 h

CHARGING TIME

± 5 mm

PALLET DOCKING ACCURACY

Remove pallet transport bottlenecks. Maintain production flow.

TUSK ES automates repetitive transport of Euro and other standard pallets with flexible navigation, precise docking and CE-certified performance.

01 Handle standard pallets

Transport Euro pallets and other standard formats reliably across production and warehouse environments.

02 Navigate flexibly

Choose DM-code or SLAM navigation to match each route and operating environment.

03 Dock precisely

± 5 mm pallet docking accuracy and speeds up to 1.5 m/s enable precise handovers and efficient transport.

04 Operate with confidence

360° laser-based obstacle detection, emergency-stop controls and perimeter collision protection support reliable operation.

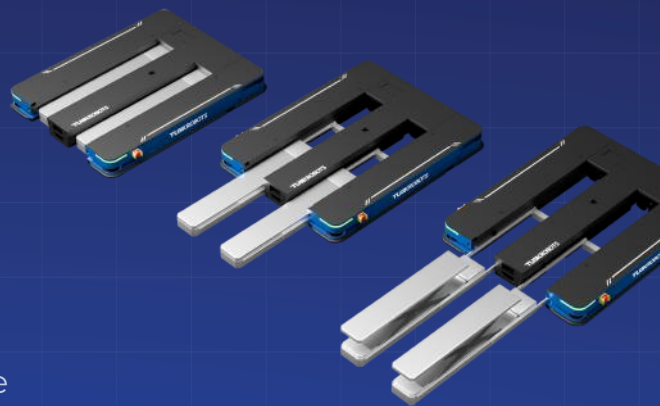


CE-certified

DESIGNED FOR SAFE AND RELIABLE PALLET TRANSPORT

Built for real operating conditions.

A compact footprint, 1,000 kg payload and DM-code or SLAM navigation enable reliable pallet transport in production and warehouse environments.



GENERAL SPECIFICATIONS

VEHICLE WEIGHT

320 kg

DIMENSIONS (L × W × H)

1,312 × 1,060 × 170 mm

MINIMUM TURNING WIDTH

1,900 mm

RATED LOAD CAPACITY

1,000 kg

DISPLAY SCREEN

5 inches

OPERATING TEMPERATURE RANGE

0 to +45 °C

NAVIGATION, SAFETY & PERFORMANCE

NAVIGATION TECHNOLOGY

SLAM + DM-code navigation

STOPPING ACCURACY

±20 mm / ±2°

TRAVEL SPEED (UNLOADED / LOADED)

1.5 / 1.2 m/s

GAP / MAXIMUM SLOPE / STEP CAPABILITY

40 mm / 4° / 10 mm

SAFETY LASER COVERAGE

360° via front and rear laser scanners

MAXIMUM LIFT HEIGHT

≤330 mm

LITHIUM BATTERY PERFORMANCE

≤8 h

BATTERY RUNTIME

≤2 h

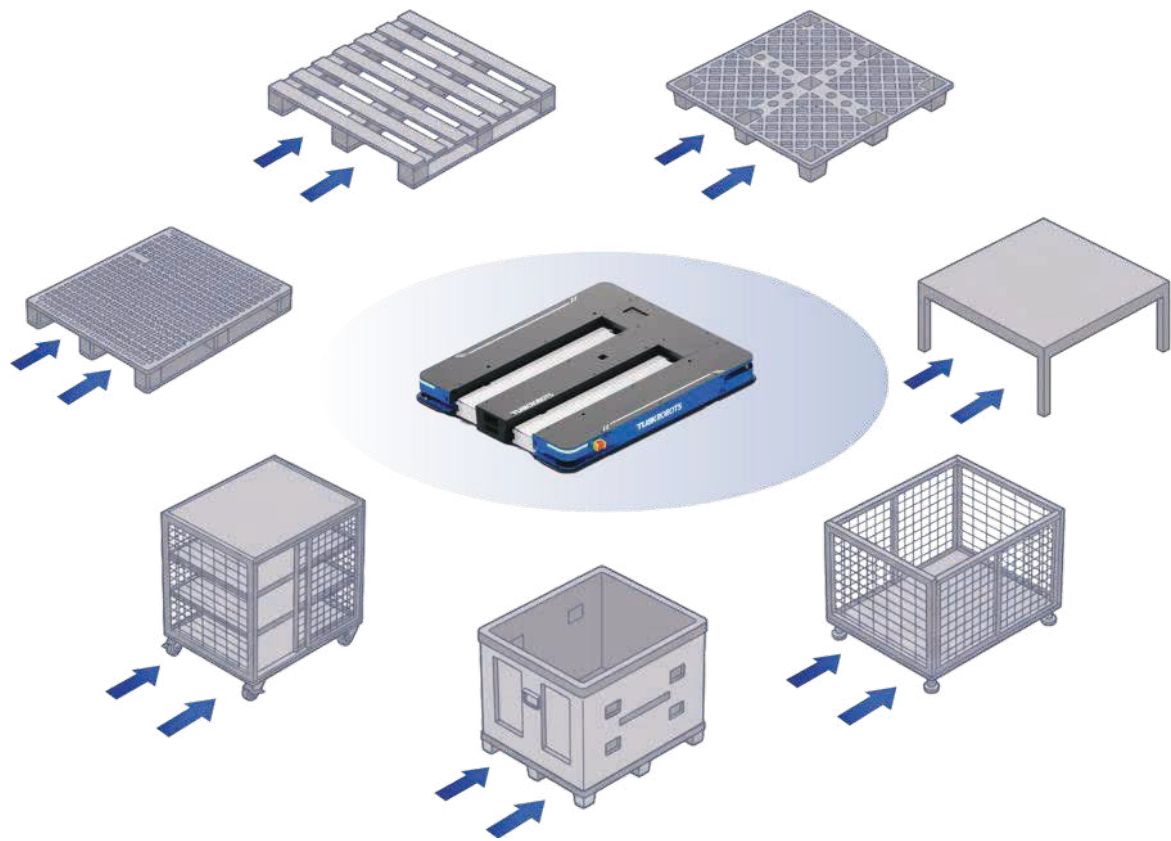
CHARGING TIME

1,500

FULL CHARGE CYCLES

Designed around the loads you already move.

TUSK ES handles Euro pallets, carts, cages and custom logistics units with stable pick-up, precise handling and repeatable placement.



Ready to automate your first transport route?

Tell us what you move, where it needs to go and where delays occur. We'll define a practical TUSK ES deployment for your operation.