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SWD® STARTER KIT WITH EZ-WAY®, DEVELOPMENT KIT FOR AGV AND AMR

SWD® Starter Kit with ez-Way®

The SWD® Starter Kit is designed to facilitate and accelerate the development of AGVs and AMRs using ez-Wheel's exclusive SWD® Safety Wheel Drive technology, a SE2L safety laser scanner and ez-Way® navigation software. The Starter Kit platform is ready to go: start developing your mobile robot right away!

SWITCHES

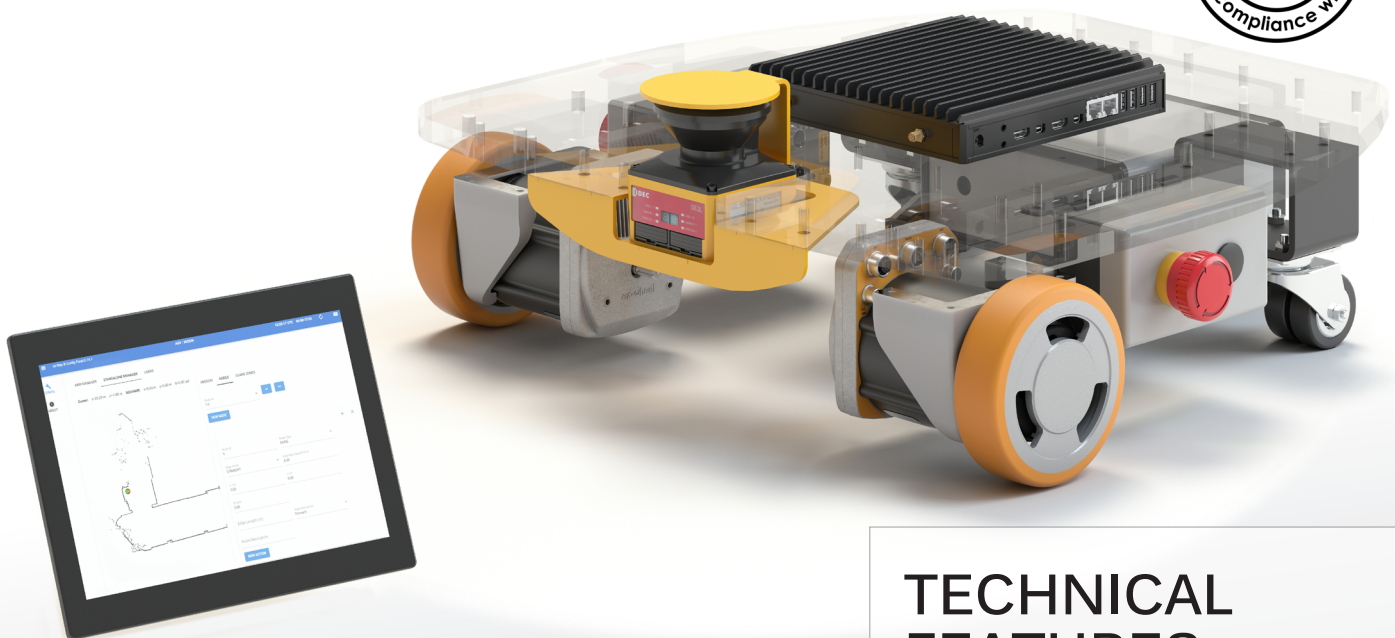
SAFETY

PANEL

AUTOMATION



ez-way
The Smart Navigation



TECHNICAL FEATURES

- The on-board computer comes with a Linux OS, the drivers needed to control the platform and the ez-Way® navigation software.
- The Starter Kit offers all the exclusive safety features of the SWD® Safety Wheel Drive range such as SIL2 / PLd certified motion control, ensuring development in accordance with the ISO 3691-4 driverless truck standard.
- The kit equipped with the ez-Way® software includes SLAM based navigation with virtual line following functions, mission management, and interfacing with an FMS via VDA 5050.

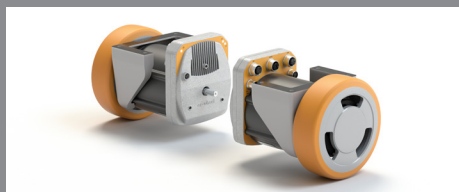
- ⊕ Motorisation: SWD® 125
- ⊕ Sensor: SE2L safety laser scanner
- ⊕ Speed range: 0 to 3 km/h
- ⊕ Battery: 24 V – 9 Ah
- ⊕ Software: Linux and ez-Way®
- ⊕ Compatibility: VDA 5050

SWD[®]

Starter Kit with ez-Way[®]

START THE DEVELOPMENT
OF YOUR MOBILE ROBOT IMMEDIATELY!

SWD[®] STARTER KIT POWERED BY EZ-WAY[®]



- **SWD[®] 125 SAFETY WHEEL DRIVE**
The wheel drive offers the exclusive safety features of the SWD[®] range in an extremely compact format.



- **POWERED BY EZ-WAY[®] SOFTWARE**
The software for controlling and navigating mobile robots, ensuring smooth and efficient operations.



- **SE2L SAFETY LASER SCANNER**
The IDEC SE2L is the world's smallest safety laser scanner. It ensures the safety of humans around the mobile robots.

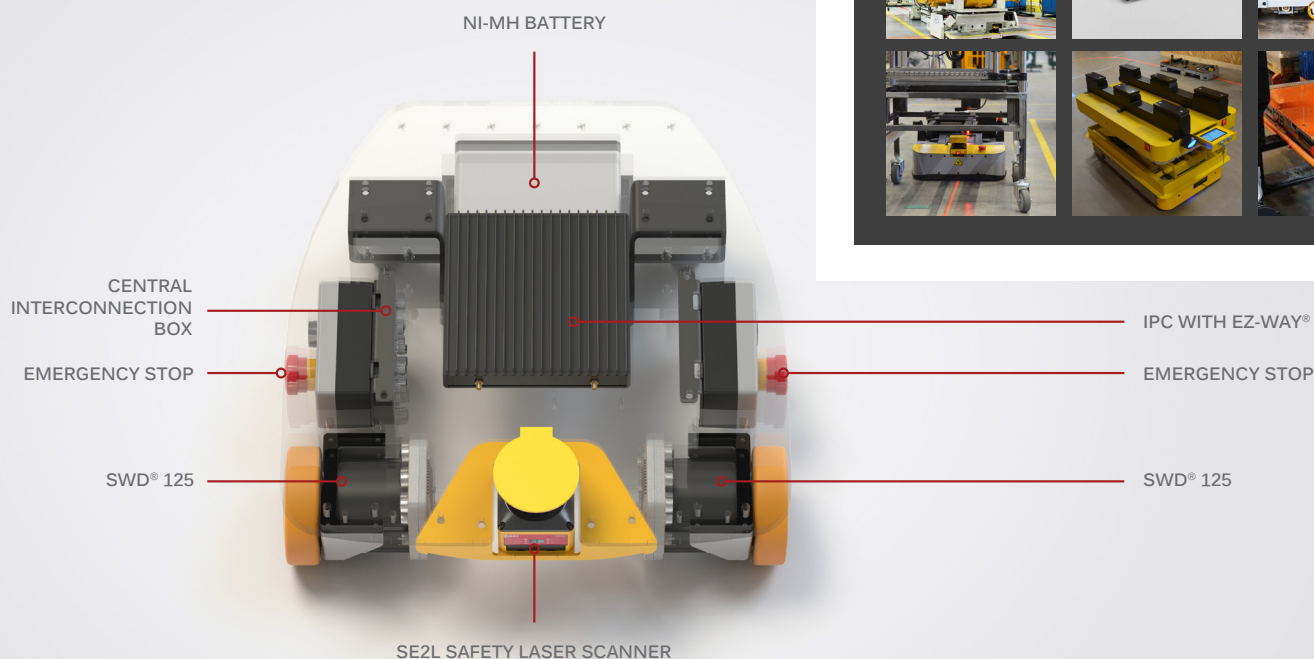
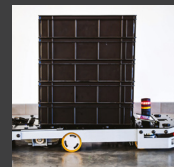
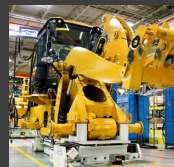
BENEFITS

- + **Adaptable generic components.**
- + **Reduction in the number of components VS a classic AMR.**
- + **SIL2 / PLd safety functions complying with the ISO 3691-4 standard.**
- + **On-board navigation software.**

ROBOTIZATION KIT

Implementation on any type of mobile application

- AGVs, AMRs
- AGCs
- Mobile robots



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ez-wheel
The Electric Wheel
ez-Wheel is a brand of the IDEC CORPORATION group