IDEC

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!
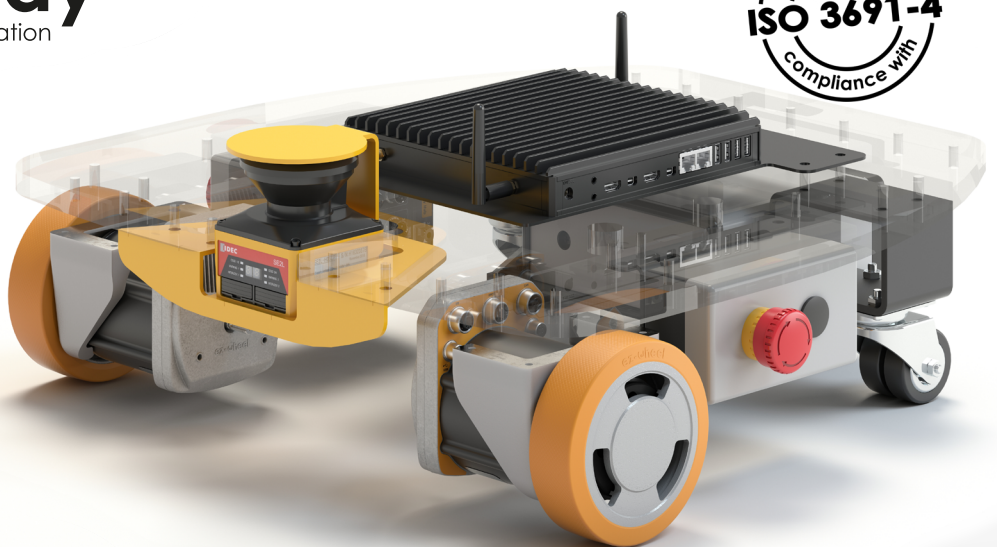
SWITCHES	SAFETY	PANEL	**AUTOMATION**

VDA 5050

ez-way
The Smart Navigation

facilitates the compliance with ISO 3691-4

TECHNICAL FEATURES

- ➕ 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

- 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.

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.
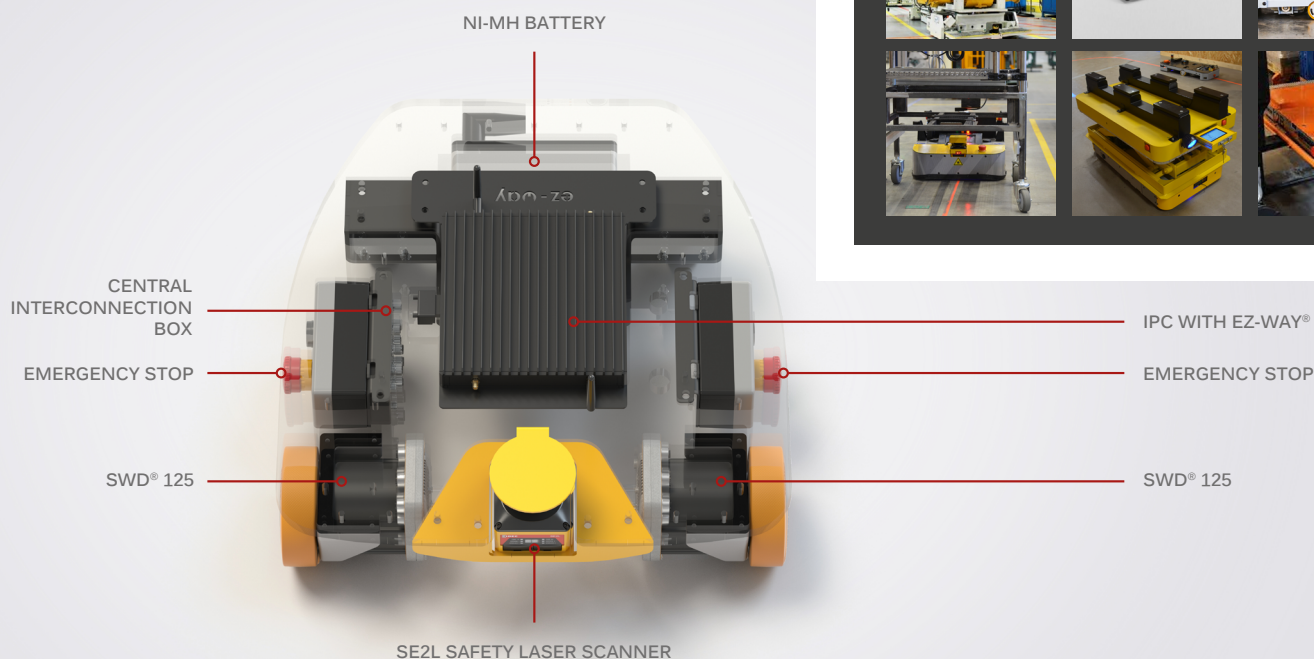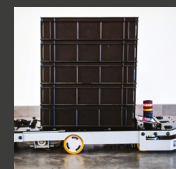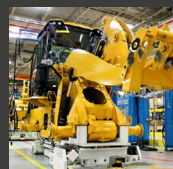
BENEFITS

➕ 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

NI-MH BATTERY

CENTRAL INTERCONNECTION BOX

EMERGENCY STOP

SWD® 125

SE2L SAFETY LASER SCANNER

IPC WITH EZ-WAY®

EMERGENCY STOP

SWD® 125

⊚ Consult instruction manual

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APEM
an IDEC company