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SWD® STARTER KIT, DEVELOPMENT KIT FOR AGV AND AMR

SWD® Starter Kit

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 and a SE2L safety laser scanner.

The Starter Kit platform is ready to use: start developing your mobile robot right away!

SWITCHES

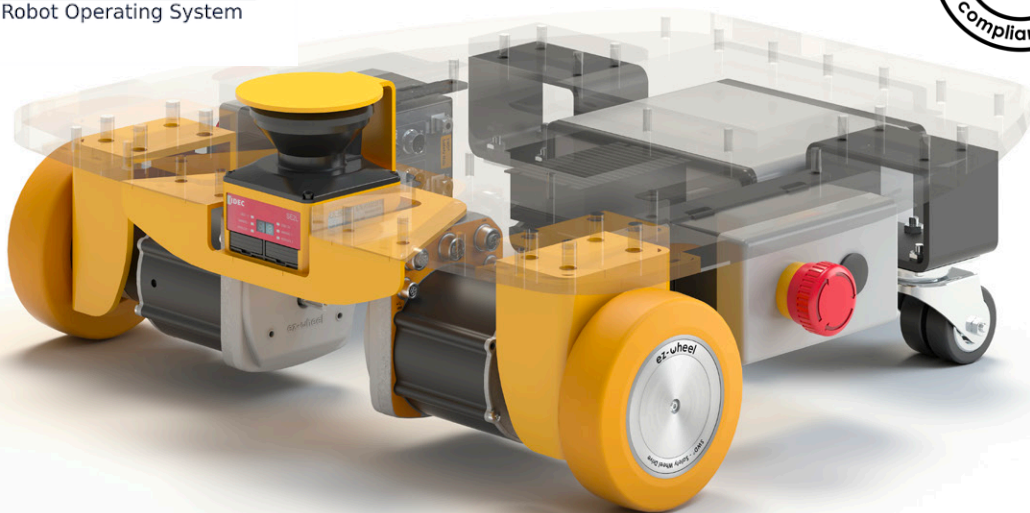
SAFETY

PANEL

AUTOMATION



ROS
Robot Operating System



TECHNICAL FEATURES

- The on-board computer comes with a Linux OS, as well as the open-source ROS middleware and the drivers needed to control the platform in differential mode.
- 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.

- + Motorisation: SWD® Core
- + Sensor: SE2L safety laser scanner
- + Speed range: 0 to 3 km/h
- + Battery: 24 V – 9 Ah
- + Software: Linux and ROS
- + Compatibility: ROS and ROS2

SWD[®] Starter kit

START THE DEVELOPMENT
OF YOUR MOBILE ROBOT IMMEDIATELY!

SWD[®] STARTER KIT



- SWD[®] CORE
Safety gear motor with 125 mm castors



- SWD[®] SAFETY HUB
Central interconnection box for intuitive connection



- 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.

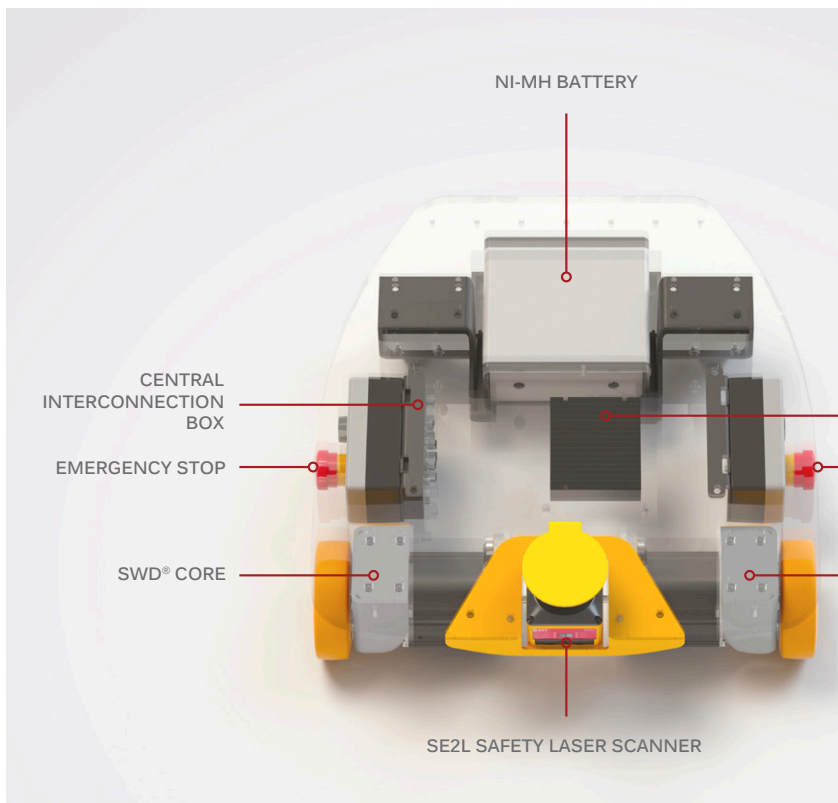
BENEFITS

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

ROBOTIZATION KIT

Implementation on any type of mobile application

- AGVs, AMRs
- AGCs
- Mobile robots



INDUSTRIAL PC

EMERGENCY STOP

SWD[®] CORE

[Visit the product page](#)

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ez-wheel
The Electric Wheel

ez-Wheel is a brand of the IDEC CORPORATION group