



THE SIMPLEST MOBILE ROBOT SET-UP EVER

SWD® technology disrupts AGVs and AMRs architecture thanks to its unique level of integration







COST REDUCTION

- Up to 50% less components
- Simpler and faster assembly



TIME SAVING

- Shorter engineering time
- Simplified certification process



FIRST-CLASS SAFETY

- Suitable for collaborative robots
- ISO 3691-4 compliance



MODULAR ARCHITECTURE

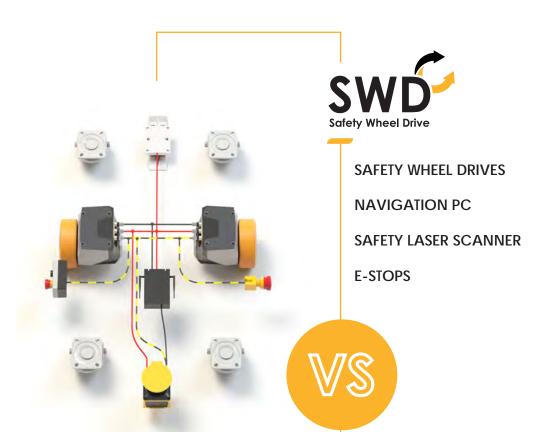
- · Freedom of integration
- Flexible and scalable





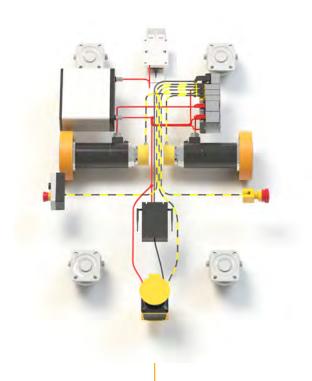


Safe maximum speed to secure operating range sms up to SIL2/PLd



CONVENTIONAL SOLUTION





WHEELS
GEARBOXES
MOTORS
SAFETY ENCODERS

PLC SAFETY PLC RELAYS MOTOR DRIVERS

BATTERY CIRCUIT BRAKERS

NAVIGATION PC SAFETY LASER SCANNER E-STOPS



INDUSTRY



AUTOMOTIVE



LOGISTICS / RETAIL



FOOD PROCESSING



PHARMA / CHEMISTRY



MEDICAL

UNIQUE TECHNOLOGICAL BRICK FOR ALL INTRALOGISTICS NEEDS

Drives and Wheel Drives with integrated safety



SWD® Core Gear motor

Peak torque 37 Nm

Nominal power 185 W

Speed range 0 to 130 rpm

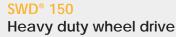
Values given for reference ezSWDcore.14/C



Values given for reference ezSWD125IM.4/C

SWD® 125 Medium duty wheel drive

Diameter	125 mm
Peak pushing effort	20 daN 500 kg moved
Max vertical load	250 kg
Speed range	0 to 11 km/h





Values given for reference ezSWD150IH.14/C-x

Diameter 150 mm

Peak pushing effort 1500 kg moved

Max vertical load 700 kg

Speed range 0 to 3.7 km/h



IDEC







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