

SWD[®] SAFETY WHEEL DRIVE



EZ-WHEEL SAS



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

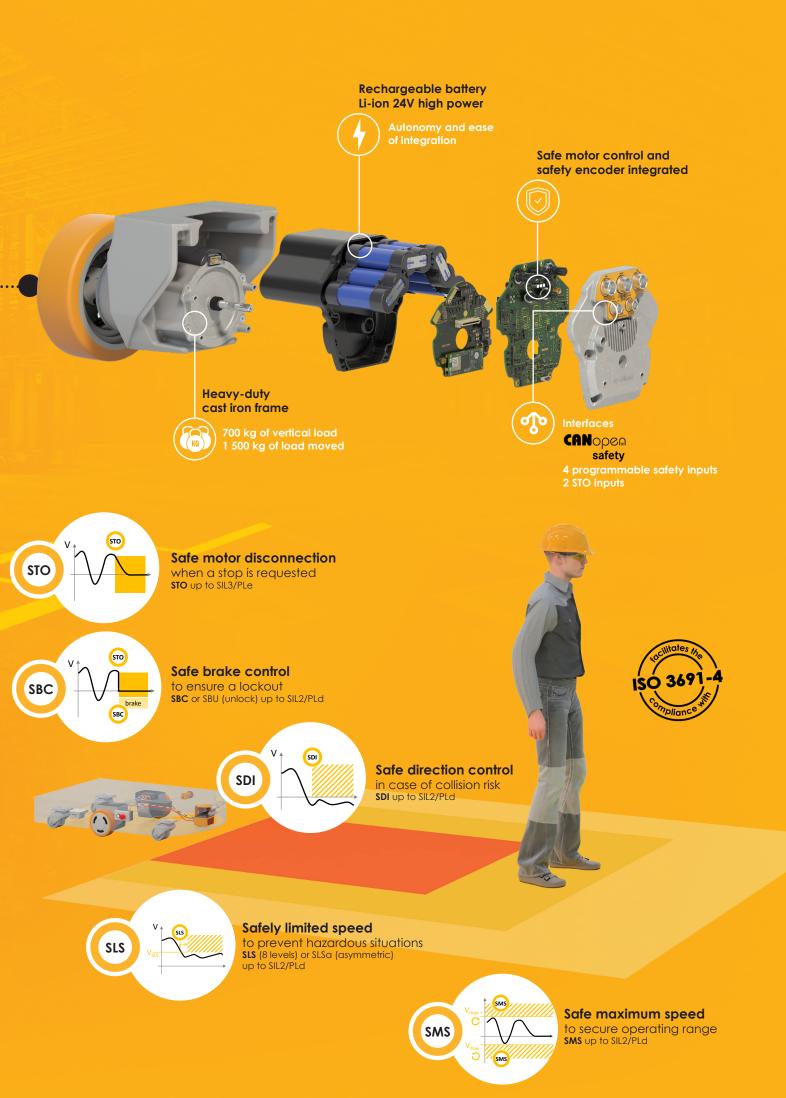
FIRST-CLASS SAFETY

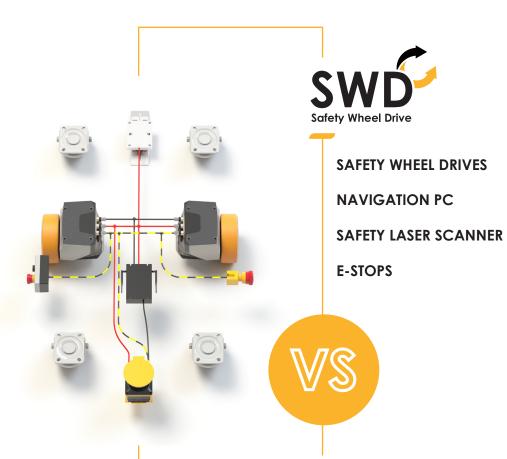
- Suitable for collaborative robots
- ISO 3691-4 compliance



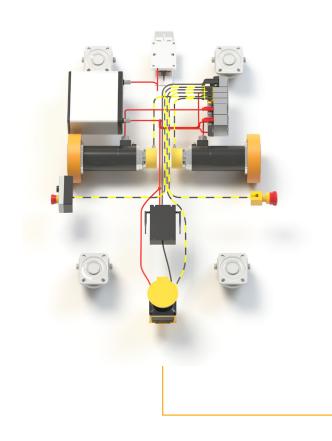
MODULAR ARCHITECTURE

- Freedom of integration
- Flexible and scalable





CONVENTIONAL SOLUTION



WHEELS GEARBOXES MOTORS SAFETY ENCODERS

PLC SAFETY PLC RELAYS MOTOR DRIVERS

BATTERY CIRCUIT BREAKERS

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



Values given for reference ezSWDcore.14/C

SWD[®] Core Gear motor

Peak torque	37 Nm
Nominal power	185 W
Speed range	0 to 130 rpm

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 ezSWD125IM.4/C



SWD® 150 Heavy duty wheel drive

Diameter	150 mm
Peak pushing effort	60 daN 1 500 kg moved
Max vertical load	700 kg
Speed range	0 to 3.7 km/h

Values given for reference ezSWD150IH.14/C-x

our pre-packaged kits to accelerate the development of your mobile robot and much more!











EZ-WHEEL SAS

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