



Esense

Add electric drive support to any product

Esense is the ideal solution to move heavy mobile care products. The intelligent system includes an electric drive wheel and force sensitive sensors. The sensors are integrated in handles and feel the push force of the user. This force is translated to a smooth drive support.

Esense systems are available with three different drives; Fixed, Up and 360. The Fixed version provides electric drive support in forwards and backwards direction. The Up version features an electric lift mechanism, making it possible to disengage the drive wheel at any moment.

The 360 version adds powered sideways drive, making it most suitable for maneuvering in small spaces. Esense Fixed, Up and 360 systems are available in three variations, from a basic version without a battery, to a complete version including battery, charger and waterproof housing. By adding accessories and tuning of software settings, the system can be adjusted as desired.

Esense is available on a growing number of new healthcare products, but can also be retrofitted to products already in use.



esense Fixed

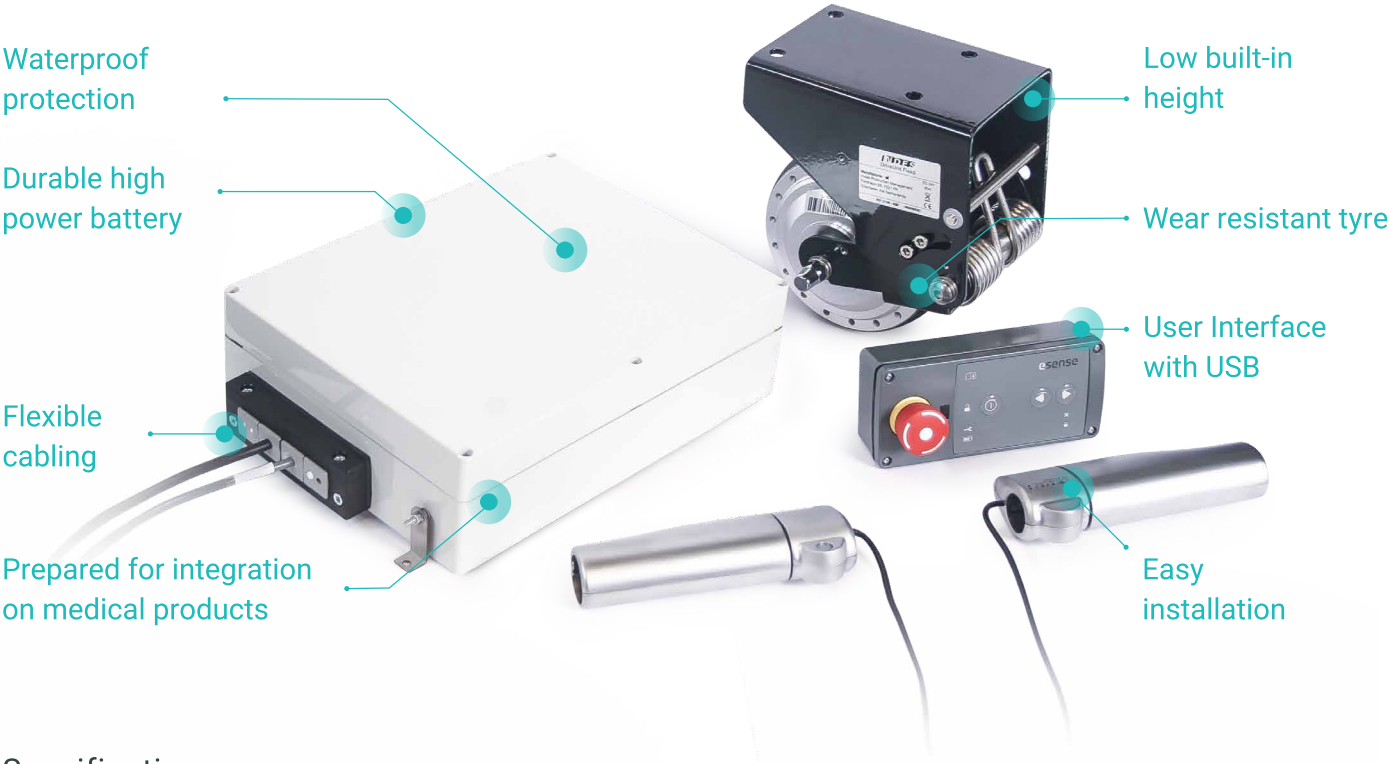


esense Up



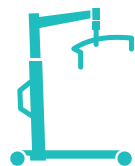
esense 360





Specifications

Drive unit installation height	200 mm
Control	Force sensitive sensors
Max. assisted speed	Adjustable up to 6 km/h
Max. wheel torque continuous	15 Nm
Max. wheel torque short	> 30 Nm
Max. slope angle	6°
Max. threshold	20 mm
Braking distance	Adjustable
Protection rating	Up to IPx4
Input power	24V DC
Action radius on esense battery	> 15 km



Patient lifts



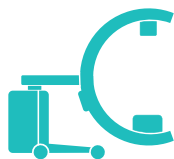
Device trolleys



Hospital beds



Facility trolleys



Medical equipment

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