easy
SYSTEMS

e-drive

Get heavy loads moving effortlessly with this efficient starting assistance


Maximum surface unevenness
± 15 mm

Housing made of pressed steel,
zinc plated

Powerful drive
motor

Replaceable wheel

UFF: material solid rubber,
non-marking, Shore 63 A
Ø 125 mm
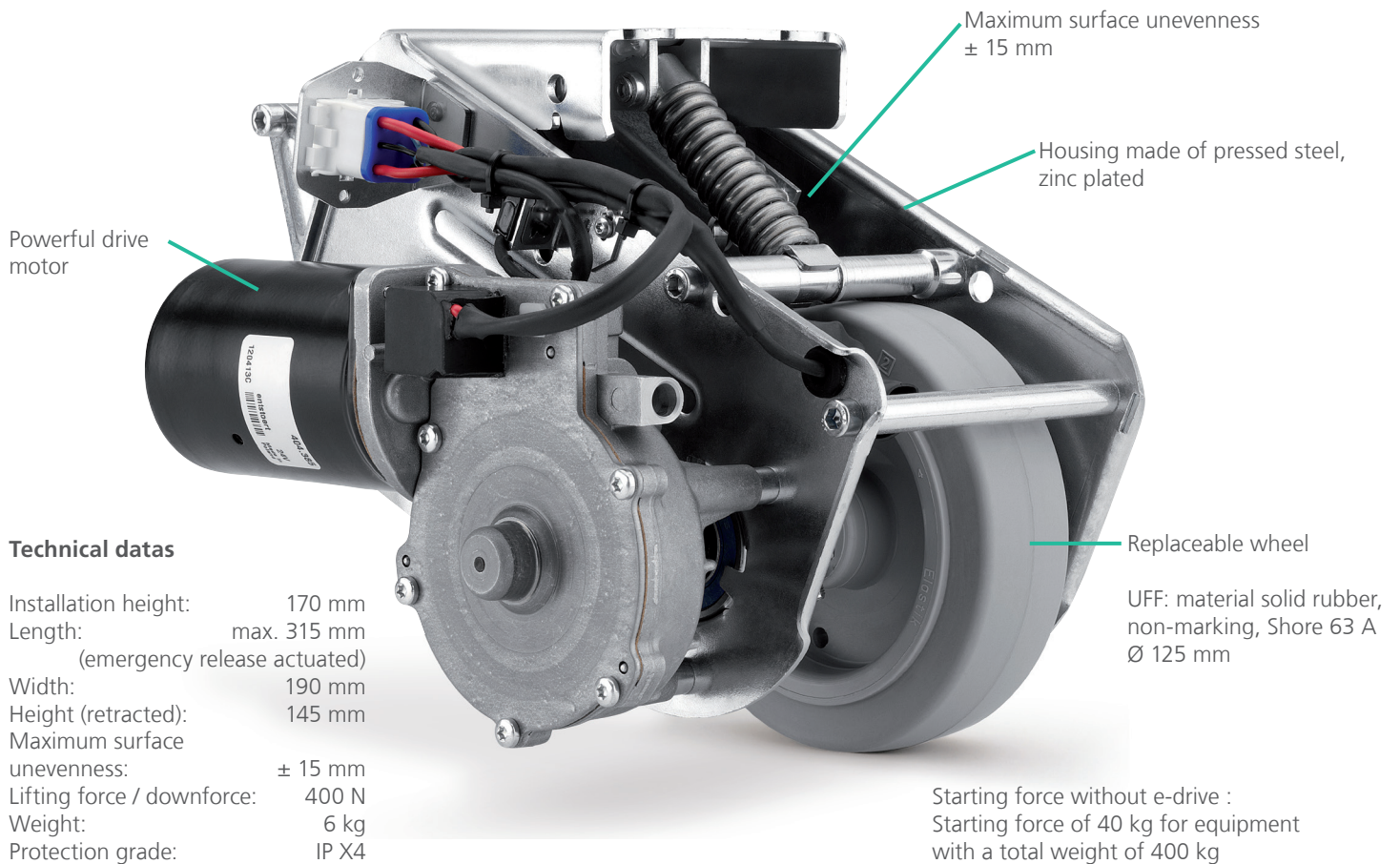
Technical datas

Installation height:	170 mm
Length:	max. 315 mm
(emergency release actuated)	
Width:	190 mm
Height (retracted):	145 mm
Maximum surface unevenness:	± 15 mm
Lifting force / downforce:	400 N
Weight:	6 kg
Protection grade:	IP X4

Starting force without e-drive :
Starting force of 40 kg for equipment
with a total weight of 400 kg

Create added value

● Easy mobilising of
heavy loads.

● Increase manpower
performance by saving effort.

● Fast refinancing through
reduced sick leave.

● Easy plug & play installation,
ideal for retrofitting.

● Health prevention for staff:
prevent neck, back, shoulder
and wrist pain.

● Improved tracking stability
when mobilising heavy loads.

● Infinite speed regulation (forward
and reverse) through safety-tested
operation.

easy SYSTEMS

e-drive
start assistance

(1)
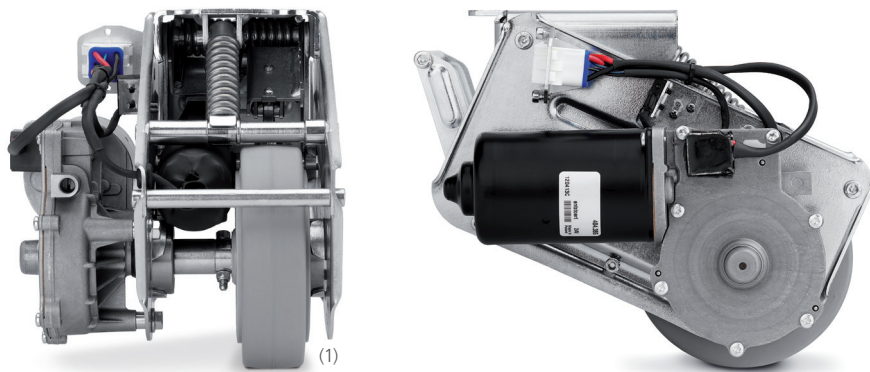
e-drive
start assistance
consists of:

(1) e-drive unit
(2) Control unit
(3) Handle
(4) Mounting kit for the handle for tubes (in different diameters available) or plain surfaces
(5) Battery module 4,5 Ah lead-gel with suitable battery charger (6).
(e-drive is also compatible for higher capacity.)

(2)

(3)

(4)

(5)

cabel for (5)

(6)

Application
examples for e-drive

Intralogistic
• Picking trolleys
• Parcel trolleys
• Special transport trolleys
  for e.g. carbody parts,
  tools, components

Features

Operation category:	Start assistance
Wheel type:	UFF solid rubber, non-marking (replaceable), Ø 125 mm
Power supply:	24 V DC
Operating temperature:	5°C to 40°C
Storage temperature:	-20°C to 50°C
Max. total weight:	400 kg
Capacity of battery module:	4,5 Ah lead-gel (standard)
Operating distance:	Suitable for approx. 200 run-cycles
Updates firmware:	USB interface
Operating safety:	Certified DIN EN ISO 13849
Protection grade:	IPX4
Humidity:	90°C non-condensing
Fitting options of the handle:	Flexible handle fitting for tubes and plain surfaces
Material handle:	Solid synthetic material
Switch unit:	Certified DIN ISO 13849

The product complies to the following essential health and safety requirements specified as defined by the Machinery Directive 2006/42/EC. (Appendix 2, Part 1, Article B for uncomplete machines.)