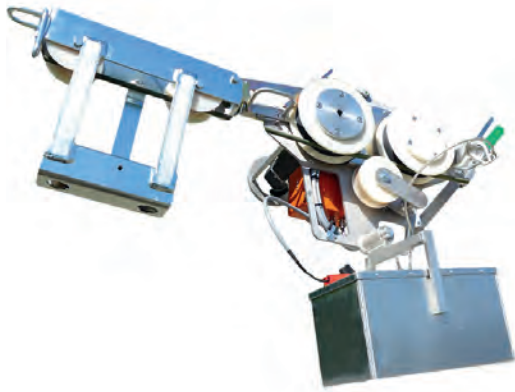




LKE 85 | LKE 110



TECHNICAL DATA

Max pulling force - LKE 85	- 85 kg*
Max pulling force - LKE 110	- 110 kg at an inclination of max. 9°
Max speed - LKE 85	- 29 m/min (1.7 km/h)*
Max speed - LKE 110	- 19 m/min (1.2 km/h)*
Max. reach	- 3000 m at a pulling force of 50 kg*
Max. rope diameter	10 – 45 mm

* Performance dependent on: inclination angle, pulling force, battery charge, ambient temperature

DIMENSIONS | WEIGHT

Length x Width x Height

LKE 85 LKE 110 with rechargeable battery	0.7 x 0.6 x 1.0 m
Transport box	1.2 x 0.8 x 0.7 m

Weight

LKE 85 LKE 110 (without battery)	22.5 kg
Battery pack 33 Ah	25 kg
Battery pack 44 Ah	32 kg
Transport box	50 kg
Recovering device	9 kg

KEY FACTS

- To exchange ground wire or conductor
- Pulling robot is installed with both rope guidance rollers on the rope and secured and pulls a synthetic fiber rope with attached cradle blocks along an already present conductor
- Pulling robot made of aluminum with a max. pulling force of ~ 85 kg* | 100 kg and a max. speed of ~ 29 m/min (1.7 km/h)* | approx. 19 m/min (1.2 km/h)

ENGINE

- Electric motor
- 2x Battery pack with a capacity of 33 Ah
- 230-V AC-charger

DRIVING SYSTEM

- Drive wheels of high-quality, abrasion-resistant material
- Special clamping system for driving over compression joints

CONTROL SYSTEM

- Radio remote control
 - Control of driving direction
 - Reach approx. 300 m
 - Highest operational safety due to "Reflektomat" technology to avoid foreign influences (TÜV certified)
- Easy battery exchange due to quick change connector
- Automatic free wheel device to tow the pulling robot

EQUIPMENT

- Shock resistant case for electric control
- Radio remote control
- Battery charger and second battery for radio remote control
- Second battery case with battery pack
- Charger for battery pack in robust aluminum case
- Recovering device to recover the pulling robot in case of failure
- Lockable transport box

OPTIONAL EQUIPMENT

- Battery pack with a capacity of 44 Ah
- Radio remote control with 2 transmitters
- Line tensioner
- Cradle block

Special designs on request

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Subject to modifications and errors. Illustrations may include optional equipment. Technical data can deviate depending upon the machine types. Performance data apply to 20 °C and sea level.

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