



LUKAS MIDDLE CLASS AND SCALE

The LUKAS rescue cylinders impress with a convincing lifting power, a particularly firm hold and a long reach. The R 521 e³ is our mid-range model of our telescopic rescue cylinders. Its prismatic claw technology bites into any material and sits firmly in any position.

NEXT LEVEL OF RESCUE OPERATIONS WITH MORE CONTROL

A highlight of our e³ rescue equipment series is the intelligent dashboard, which enables a direct exchange between user and equipment. You get more control during the operation through the different performance indicators on the display. This makes rescue operations smarter, safer and more efficient.

POWER UNDER e³ CONTROL.

FEATURES DASHBOARD

SALTWATER

With the blue LUKAS e³ battery, rescue operations in saltwater at depths of 3m for up to 60 minutes are no longer an issue. The saltwater icon will illuminate on the dashboard to confirm that a saltwatercompatible battery has been inserted.

POWER

The power indicator scale shows the pressure range the tool is operating in during use and provides information about the remaining power resources.

TEMPERATURE

The temperature indicator alerts the user to the possibility of the tool overheating.

TURBO

To work even faster, the e³ series has a turbo mode that can be easily controlled via the star grip. The user can activate turbo mode by fully activating the star grip all the way to the right. The matching icon on the dashboard remains illuminated as long as the tool is being used in turbo mode.

CAPACITY

The rescue tool communicates with the LUKAS rescue battery via built-in software and provides the user with information about the battery's remaining capacity. The charge level indicator is used to simplify monitoring of the battery's remaining capacity and ensures that the user can swap out the battery in a timely manner.

STAR GRIP

When the star grip is turned, the respective direction indicator lights up as long as the grip is turned in this direction. It shows the user at the moment of the work step whether the device is currently opening or closing.

WIFI

All e³ CONNECT devices are WIFI enabled. Once the setup is completed, the e³ CONNECT device connects to the router and transmits the collected data immediately. The upload process can work entirely automatically or alternatively by manual activation.

Technical Data

Dimensions:	579 x 140 x 327 mm
Extended length:	1359 mm
Lifting force piston 1:	127 kN
Lifting force piston 2:	60 kN
piston stroke piston 1:	403 mm
piston stroke piston 2:	377 mm
Weight:	19,0 kg
Protection class:	IP 58
Series:	e3