



### POWER PACK WITH MAXIMUM EXTENDED LENGTH

The LUKAS rescue cylinders not only impress with a convincing lifting power, a particularly firm grip thanks to the "claw geometry" and a long lifting distance, they can also be used flexibly. Thus, there are three different lengths of our telescopic rescue cylinders that can be used as required. The R 522 e<sup>3</sup> has an impressive maximum extended length of 1503 mm. Its prismatic claw technology bites into any material and sits firmly in any position. The R 522 e<sup>3</sup> is also a waterproof, liquid-protected rescue tool and can be easily scheduled for all operations involving water and rain. The entire e<sup>3</sup> series can be equipped with either a 5 Ah or 9 Ah rescue battery. The 9 Ah battery offers the longest operating time available in the industry.

### NEXT LEVEL OF RESCUE OPERATIONS WITH MORE CONTROL

A highlight of our e<sup>3</sup> 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 e<sup>3</sup> CONTROL.

#### FEATURES DASHBOARD

##### SALTWATER

With the blue LUKAS e<sup>3</sup> 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 e<sup>3</sup> 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 e<sup>3</sup> CONNECT devices are WIFI enabled. Once the setup is completed, the e<sup>3</sup> 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:	<b>627 x 140 x 327 mm</b>
Extended length:	<b>1503 mm</b>
Stroke:	<b>876 mm</b>
Lifting force piston 1:	<b>127 kN</b>
Lifting force piston 2:	<b>60 kN</b>
piston stroke piston 1:	<b>451 mm</b>
piston stroke piston 2:	<b>425 mm</b>
Weight:	<b>20,3 kg</b>
Protection class:	<b>IP 58</b>
Series:	<b>e3</b>