

## R 411 E

Liberty through flexibility.



[rescue.lukas.com/Rescue+products/Rescue+rams/R+411+E.html](https://rescue.lukas.com/Rescue+products/Rescue+rams/R+411+E.html)

### Advantages

- + First rescue ram without hoses
- + Claws freely rotatable by 360°
- + Extracted length (with extension) 1205 mm
- + Extremely solid extension connection for safe operation

### Recommended applications

- + For vehicle extrication, e.g. in order to push back the dashboard
- + Rescue work involving collapsed buildings and natural disasters
- + Raising and pushing back obstacles
- + Creating and stabilising openings

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### Technical Data

Piston stroke	14.2 in.	360 mm
Lifting force	23,156 lbs	103 kN
Retracted length	21.5 in.	545 mm
Extended length	35.6 in.	905 mm
Extended length with extension	47.4 in.	1205 mm
Dimensions <sup>1)</sup>	21.5 x 5.9 x 10.4 in.	545 x 150 x 265 mm
Weight <sup>2)</sup>	37.3 lbs	16.9 kg
Protection class	IP 44	

<sup>1)</sup> l x w x h

<sup>2)</sup> Weight without cable plug or battery

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### Relevant accessories

#### + Extension for R 411 E

Extension 11.8 in. / 300 mm



#### + Battery

with charge indicator



#### + Power supply 110 V or 230 V

for all eDRAULIC tools



#### + Battery charger

Types:

110 V

230 V

12 V - 24 V



#### + Ram support LRS- C

LUKAS LRS- C is a stable and non- slipping ram support which can be adjusted individually to any vehicle design. By adjusting the opening width it can be applied on door sills with heights from 140 to 250 mm. Once the ram is put on top of the support, it "bites" into the car material thus safely arresting.



#### + Ram support LRS 120

The LUKAS Ram Support is a stable base for a ram used in vehicle extrication.



#### + Ram attachment set for rescue rams

Ram attachment set for rescue rams, to increase variety of applications



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**+ Battery bag**

Bag for storage and transport of three batteries and one charger.



**For further information on this product, please contact us directly.**

Phone number: + 49 91 31.69 8 - 0

Fax number: + 49 91 31.69 8 - 394

E- mail: [lukas.info@idexcorp.com](mailto:lukas.info@idexcorp.com)

**Or find your local dealer at:**

[rescue.lukas.com/Support/Find+a+dealer-p-99.html](http://rescue.lukas.com/Support/Find+a+dealer-p-99.html)

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### Good reasons for LUKAS

#### **eDRAULIC**

Maximum liberty for rescue operations.

For more go to [rescue.lukas.com/ Superiority/ eDRAULIC- p-943.html](https://rescue.lukas.com/Superiority/eDRAULIC-p-943.html)

#### **Turbo power**

Turbo power for double performance

For more go to [rescue.lukas.com/ turbo.html](https://rescue.lukas.com/turbo.html)

#### **Star grip control**

Singular concept for best possible handling.

For more go to [rescue.lukas.com/ Star\\_grip\\_control.html](https://rescue.lukas.com/Star_grip_control.html)

#### **Mono coupling**

Plugging tools more quickly and safely.

For more go to [rescue.lukas.com/ Mono\\_coupling.html](https://rescue.lukas.com/Mono_coupling.html)

#### **Cutter geometry**

Maximum force where it is most necessary.

For more go to [rescue.lukas.com/ Cutter\\_geometry.html](https://rescue.lukas.com/Cutter_geometry.html)

#### **Multifunction tip**

Spreading, squeezing and peeling without having to change tips.

For more go to [rescue.lukas.com/ Multifunction\\_tip.html](https://rescue.lukas.com/Multifunction_tip.html)

#### **Luminescent hose**

More safety for rescues in the dark.

For more go to [rescue.lukas.com/ Luminescent\\_hoses.html](https://rescue.lukas.com/Luminescent_hoses.html)