

LUKAS

Because you never get a second chance

I'M FREE! HOW ABOUT YOU?



THE NEW LIBERTY IN RESCUE.

▶ LUKAS eDRAULIC – the next generation rescue tools.

There was a time when rescue equipment was driven by hand.

There was a time when power units and hoses were necessary.

Those times are over now.
Now eDRAULIC offers you the new liberty!

Discover liberty live!

Ask for a demonstration!

LUKAS Hydraulik GmbH
A Unit of IDEX Corporation

Weinstrasse 39
91058 Erlangen
Germany

Fon: +49 9131 698-0
Fax: +49 9131 698-394
E-Mail: lukas.info@idexcorp.com

www.lukas.com

DISCOVER THE LIBERTY WITH eDRAULIC!

LUKAS engineers developed advanced electrohydraulics and managed to progress from a large and heavy complete set to a compact and powerful one. With no loss of performance!



▶ LIBERTY OF PERFORMING OPTIMAL RESCUES.

With a top-quality complete set for modern vehicle extrication and high performance reserves for future-generation vehicles.

▶ LIBERTY OF WORKING WITHOUT POWER UNITS AND HOSES

Any power socket becomes an energy source that gives you unlimited operation. This not only frees up extra space on the truck but also weighs almost 50% less than a conventional complete set.



▶ LIBERTY OF OPERATING INDEPENDENTLY IN BATTERY MODE

Thanks to the optional battery operation you remain flexible and effective for off-road rescue missions and large-scale accidents. The powerful lithium-ion battery gives you enough power to overcome even the very latest vehicle construction technology. Just cable out, battery in – and off you go!

HERE COMES THE NEXT GENERATION.



ULTIMATE LIBERTY.

S 700 E

The S 700 E frees your mind! Whatever comes, you can cut it. No matter where. Because it combines the best cutting performance of all time with liberating eDRAULIC- technology.

- + Optimised for current and upcoming vehicles with stronger and wider car posts: more power where you need it.
- + Superior C-shaped blades for the perfect pull effect.
- + Intelligent cutter geometry causes the cutter to automatically adopt the optimal position.
- + Up to 77% more cutting force in the relevant work area than our previous top tool.
- + Large performance reserves for future vehicle generations.

True performance is revealed in practical operation – not in theory!

AGILE. COMPACT. FREE.

S 311 E

The „little brother“ of the S 700 E is particularly convenient, and its sophisticated blade geometry means that it is fully optimised for vehicle extrication. Rescue workers value its combination of cutting performance and blade opening – not to mention its low weight.



ONE MAN, ONE TOOL - NO PUMP.

SC 350 E

The SC 350 E offers maximum mobility. The multi-talent shows its strength when fast response is needed or if the rescue scene is difficult to reach. It is especially suited to first response vehicles, helicopters and motorcycles.

LIBERTY THROUGH FLEXIBILITY.

R 411 E

This rescue ram is extremely compact and convincing in practice. The claws at the two ends can be rotated by 360°, enabling you to apply the ram correctly in any situation.

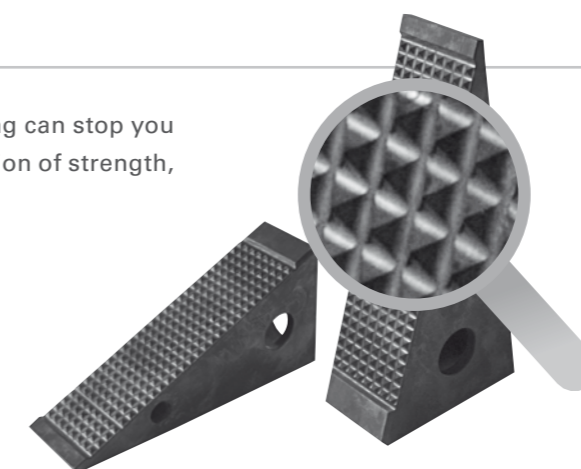
- + As an accessory you get a robust extension that brings the R 411 E's fully extended length up to 47.4 in. / 1205 mm



LIBERTY AT THE TIP.

SP 300 E

With this new, completely redesigned top spreader nothing can stop you during a vehicle extrication. It offers the perfect combination of strength, blade opening and convenient weight.



SUPERIOR DIAMOND TIPS

Our newly developed diamond tips are especially designed for vehicle extrication. They are extra flat so that you can penetrate even narrowest gaps. Their special surface finish gives them an extra good grip for faster and safer rescues.

eDRAULIC – WELL THOUGHT THROUGH:

- + On-off principle: press the button and start work
- + One battery type for all tools
- + Fast change from cable to battery operation, both fit in same compartment
- + Illuminated battery compartment for night work
- + LED illumination of work area without extra battery

Cutter S 700 E

Blade opening	7.28 in. / 185 mm
Dimensions: l x w x h	36.4 x 11.8 x 11.4 in. / 925 x 300 x 290 mm
Weight*	54.0 lbs / 24,5 kg

Cutter S 311 E

Blade opening	5.91 in. / 150 mm
Dimensions: l x w x h	33.9 x 8.9 x 11.4 in. / 860 x 225 x 290 mm
Weight*	42.8 lbs / 19,4 kg

Combination tool SC 350 E

Spreading force	78,687 lbs. / 350 kN
Spreading distance	14.2 in. / 360 mm
Pulling force up to	9,218 lbs. / 41 kN
Pulling distance	14.6 in. / 371 mm
Dimensions: l x w x h	35.75 x 8.86 x 11.42 in. / 908 x 225 x 290 mm
Weight*	43.7 lbs. / 19,8 kg

Rescue ram R 411 E

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: l x w x h	21.5 x 5.9 x 10.4 in. / 545 x 150 x 265 mm
Weight*	37.3 lbs / 16.9 kg

Spreader SP 300 E

Spreading force	7,644-25,200 lbs / 34-112 kN
Spreading distance	23.8 in. / 605 mm
Pulling force up to	5,058 lbs / 22,5 kN
Pulling distance	19.5 in. / 495 mm
Dimensions: l x w x h	35.2 x 14.0 x 11.4 in. / 895 x 355 x 290 mm
Weight*	45.2 lbs / 20,5 kg



Power supply 150 V / 230 V



Battery with charge indicator



Battery charger