

E4

Next generation rescue tools,
built around you.



LUKAS





TAKE CHARGE

With the new E4 range

In rescue, there's no reset. No margin for hesitation. You arrive to chaos, pressure and lives that depend on your next move.

Every action must be precise.

Every decision must be informed.

Every tool must perform.

The new LUKAS E4 range puts advanced rescue technology in your hands. Giving you the capability to operate in tight spaces, low visibility and unpredictable conditions.

Each tool delivers consistent power and reliable performance in the most demanding rescue scenarios. Combined with intelligent connectivity, advanced ergonomics, enhanced safety systems and powerful illumination, E4 gives you the confidence to act decisively and safely.

At the heart of every tool is a purpose built LUKAS rescue battery, fully sealed, impact resistant, and engineered for the chaos of real world extrication. It delivers uncompromised power in water, mud, heavy rain and demanding rescue conditions, ensuring your tools perform the moment you need them, without hesitation and without failure.

This is more than a new range. E4 is a new benchmark in rescue performance, readiness and control.

LUKAS E4

A firefighter in full gear, including a helmet and a jacket with yellow and purple reflective stripes, is using a rescue tool. The tool has a bright, circular light on its handle, illuminating the scene. The firefighter is looking through the tool's handle, which has a digital display on top showing a circular gauge with red, yellow, and green segments. The background is dark and blurry, suggesting a rescue scene at night or in a low-light environment.

A STEP CHANGE IN RESCUE PERFORMANCE

E4 isn't just an upgrade. It's a complete rethink of how rescue tools should perform in real-world conditions.

Every detail has been engineered around the operator. Delivering more control, better visibility and greater confidence under pressure. From the moment the tool is activated, the difference is clear:

- Optimised ergonomics for intuitive handling
- Clearer, real-time feedback via the improved dashboard
- Smarter safety systems working in the background

New features such as the enhanced dashboard, integrated lighting, and intelligent alerts ensure operators can see more, to work safer and react faster. Even in the most demanding environments.

Combined with Captium™ connectivity and integrated geofencing, the new E4 range creates a fully intelligent rescue ecosystem. Built for today's rescues and tomorrow's challenges.



LUKAS E4



ONE RANGE. MORE CAPABILITY

The LUKAS E4 range is a complete portfolio of cutters, spreaders, rams and combi tools, all built on a single intelligent platform.

This means consistent handling, clear operator feedback and seamless connectivity across every tool. Reducing complexity and giving crews the confidence to act decisively. From first intervention to complex extrication, E4 delivers the capability, control and reliability required to take charge of any rescue.

CUTTERS

E4 cutters provide precise, controlled cutting in the most critical rescue situations. Engineered for modern vehicle construction, they combine high cutting force with LUKAS Advanced Blade Geometry to produce clean, predictable cuts, even through ultra-high-strength steel. Ergonomic design and real-time operator feedback help maintain control throughout the cut, enabling crews to work safer, faster and with complete confidence in high-pressure situations.

SPREADERS

From gaining initial access to large-scale structural displacement, E4 spreaders provide the power and control needed at every stage of an extrication. High spreading force, extended reach and LUKAS Shark Tooth Tips ensure secure engagement on modern vehicle structures, reducing slippage and improving stability under load. Combined with intelligent feedback systems, they enable smooth, controlled operation – even in the most demanding rescue environments.



LUKAS E4

COMBI TOOLS

E4 combi tools provide the speed and versatility that is essential for effective rescue operations. Combining cutting and spreading capability in a single, agile tool, they are ideal for rapid intervention and evolving scenarios. Designed for ergonomic handling and reliable performance, they allow operators to adapt quickly, maintain momentum and make critical progress without delay.

RAMS

During critical space creation operations, control is everything. E4 rams deliver powerful, controlled extension with the precision needed for dash roll and complex structural movement. Dual-piston technology ensures smooth, continuous control, allowing crews to apply hydraulic force exactly where it's needed. Safely, steadily and with complete confidence.

A DASHBOARD THAT MAKES A BIG DIFFERENCE

The LUKAS Intuitive Dashboard is the most advanced information interface ever built into a rescue tool. Protecting rescuers, assisting decision making and preventing dangerous surprises.

High-Visibility Display (2x larger interface)

A significantly larger display area delivers instant readability, ensuring critical information is clear at a glance, even in high-pressure situations.

Ultra-Bright LED System (4x brighter)

High-intensity LEDs cut through sunlight, smoke, rain and darkness, maintaining visibility in the most challenging rescue environments.

Real-Time Stroke Indicator

Colour-coded LED system shows remaining stroke or opening width, helping operators avoid mid-operation stalls and maintain precise control.

Turbo Mode Status Indicator

Instant confirmation when maximum power is engaged, giving operators confidence when applying peak force.

Three-Stage Roll Warning System

Green > Orange > Red escalation with integrated acoustic alert. Provides early warning of unsafe tool angles, protecting operators, tools and casualties.

Live Tool Status Monitoring

Displays real-time performance, battery condition and system health via the onboard interface and connected eSIM/WiFi display, keeping operators fully informed throughout the operation.

Integrated Acoustic Feedback

Built-in speakers reinforce visual alerts with clear audio cues, ensuring critical warnings are never missed in loud or chaotic scenes.

Tool status alerts

New pictograms, enhanced roll warning accuracy, remaining stroke indication and turbo mode visibility give operators real time awareness of tool status and safety.







THE FUTURE OF RESCUE IS CONNECTED

Captium™ is the most advanced connectivity platform ever built for rescue tools, turning every E4 CONNECT tool into a source of real-time insight. It connects your tools, your teams and your data. Delivering real-time visibility, wherever you are. No assumptions. No delays. Just complete operational awareness.

Captium™ informs. E4 performs

Captium™ gives departments unprecedented visibility over their fleet, transforms maintenance from reactive to predictive and ensures that every tool is ready the moment it's needed. From performance alerts to automated service workflows, from geofencing to 10-day location tracking, Captium™ delivers a level of operational readiness that raises the bar.

Connect your entire operation

Every tool continuously transmits performance data, diagnostics and status updates to a secure cloud platform. Giving you total oversight across your entire fleet. Whether you're preparing for the next call, operating on scene or reviewing performance after the job, Captium™ keeps you one step ahead.

Before the call

Know your tools are ready. Fully operational. Fully charged.

On the scene

Make faster, safer decisions with real-time performance insight.

After the job

Analyse usage, identify trends and continuously improve team performance.

LUKAS E4

Captium™



E4 ADVANTAGE))

- Early issue detection to maximise uptime
- Predictive maintenance that prevents failure
- Real-time alerts for critical events
- Detailed usage data for training and optimisation
- Integrated tracking and geofencing for asset control
- Continued visibility, even without battery connection

KEEP YOUR TOOLS IN THE RIGHT HANDS

For organisations managing equipment across multiple locations and incident scenes, geofencing ensures assets are consistently tracked and accounted for.



Fully integrated into the E4 range, LUKAS Geofencing provides continuous location awareness and instant alerts if equipment moves outside its designated zone.

No external hardware. No additional systems. Just complete peace of mind, built-in

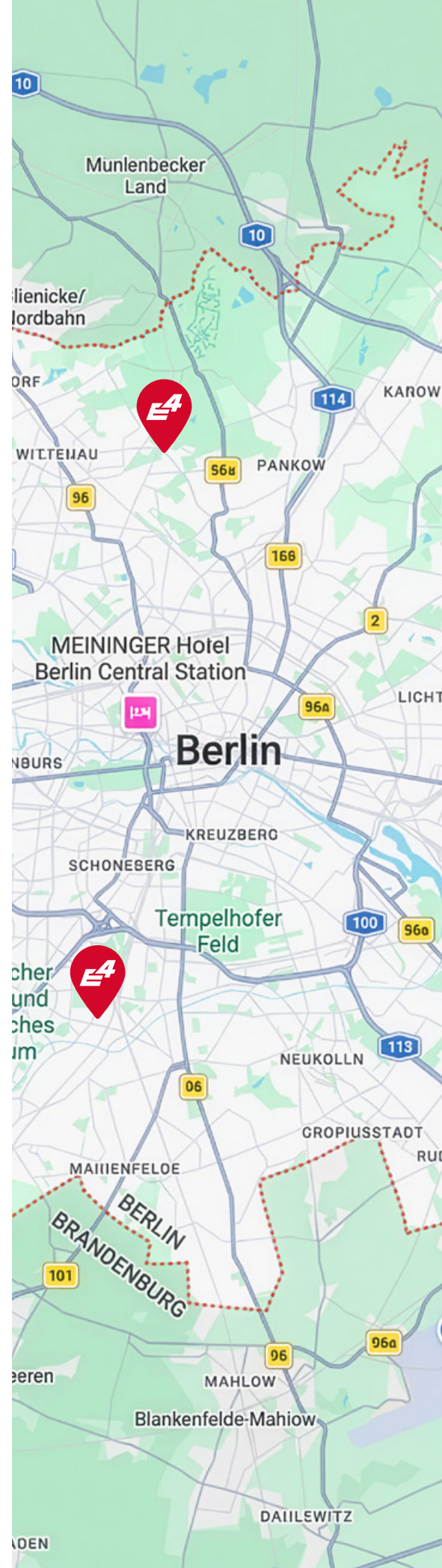
How it works

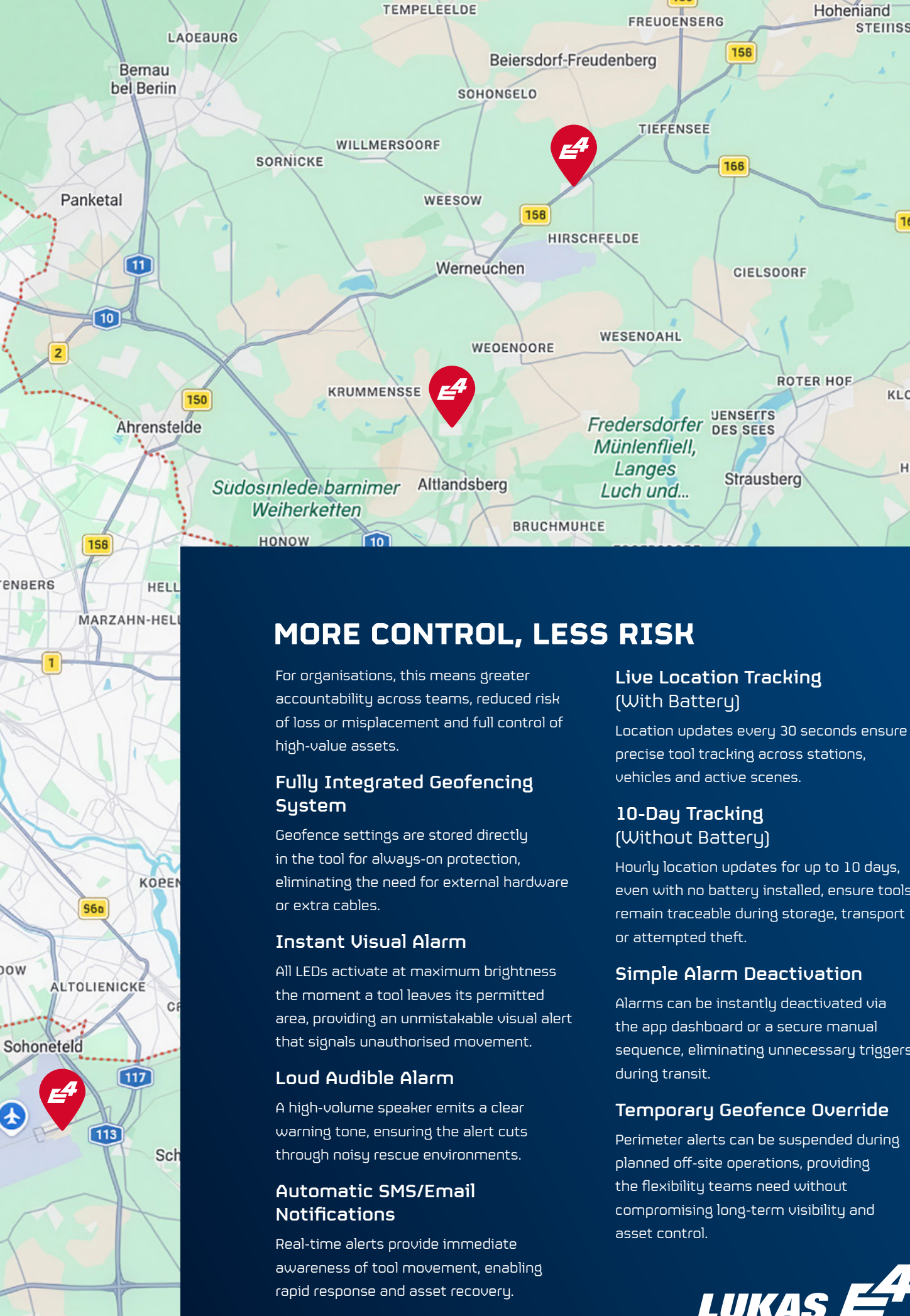
LUKAS Geofencing introduces a fully integrated, autonomous protection system for rescue tools. Once a geofence is configured in Captium™ or directly on the tool, the settings are stored internally with no external hardware required.

If a tool leaves its permitted zone, the response is immediate. All LEDs flash at full brightness, a loud audible alarm activates and instant SMS/email notifications alert the designated administrator.

With live location updates every 30 seconds (with battery) and hourly tracking for up to 10 days (without battery), E4 tools remain visible, traceable and secure in any scenario. If a tool leaves its area, you will know about it.

- LEDs activate at full brightness
- Audible alarms sound immediately
- Notifications are sent instantly





MORE CONTROL, LESS RISK

For organisations, this means greater accountability across teams, reduced risk of loss or misplacement and full control of high-value assets.

Fully Integrated Geofencing System

Geofence settings are stored directly in the tool for always-on protection, eliminating the need for external hardware or extra cables.

Instant Visual Alarm

All LEDs activate at maximum brightness the moment a tool leaves its permitted area, providing an unmistakable visual alert that signals unauthorised movement.

Loud Audible Alarm

A high-volume speaker emits a clear warning tone, ensuring the alert cuts through noisy rescue environments.

Automatic SMS/Email Notifications

Real-time alerts provide immediate awareness of tool movement, enabling rapid response and asset recovery.

Live Location Tracking (With Battery)

Location updates every 30 seconds ensure precise tool tracking across stations, vehicles and active scenes.

10-Day Tracking (Without Battery)

Hourly location updates for up to 10 days, even with no battery installed, ensure tools remain traceable during storage, transport or attempted theft.

Simple Alarm Deactivation

Alarms can be instantly deactivated via the app dashboard or a secure manual sequence, eliminating unnecessary triggers during transit.

Temporary Geofence Override

Perimeter alerts can be suspended during planned off-site operations, providing the flexibility teams need without compromising long-term visibility and asset control.

LUKAS E4

A TOOL FOR EVERY TASK





LUKAS E4

TAKE CHARGE

With precision **CUTTING**

The LUKAS E4 Cutter range is engineered for control, visibility and absolute confidence at every stage of the cut. From rapid intervention to the most extreme extrications, each cutter combines LUKAS Advanced Blade Geometry with intelligent feedback systems. Giving operators cleaner cuts, safer handling and greater control under pressure.



Advanced Blade Geometry

Cutting force from 760 kN-1376 kN



LUKAS Advanced Blade Geometry

Creates cleaner, more controlled cuts on modern vehicles. The wider blade opening enables safer surrounding cuts reducing the risk of blade twist, tool kick or uncontrolled movement.

Intuitive dashboard

The intuitive E4 dashboard keeps operators informed in real time, with roll warnings, stroke indicators and clear visual feedback, even in low visibility conditions. Preventing mid-cut stalls.

Ergonomic handle

A two component injection moulded design combines a rigid structural core with a soft touch outer layer for unmatched comfort and control. Certified 1,000 volt electrical protection ensures safer operations around EVs and hybrid vehicles.

Integrated light bar

Transforms scene visibility, illuminating cutting points, hazards and tool position without relying on external lighting. Better visibility means safer decisions, safer cuts, and safer outcomes.

Captium™ connectivity with Geofencing

Monitors cutter performance with real-time alerts. Integrated geofencing ensures equipment remains visible, protected and exactly where it should be.

Integrated on-tool charging

Powers performance with seamless, direct-to-tool charging that eliminates battery swaps and ensures equipment is always mission-ready.



Specifications	S378	S789	S799
Cutting force	760 kN	1101 kN	1376 kN
Round steel	33 mm	42 mm	45 mm
Opening	202 mm	205 mm	204 mm
Weight*	18.3 kg	22.8 kg	25.2 kg
Dimensions (no battery)	846 × 235 × 253 mm	912 × 266 × 253 mm	930 × 265 × 253 mm
NFPA rating	A7/B8/C7/D8/E8/F4	A8/B9/C8/D9/E9/F5	A9/B9/C9/D9/E9/F5
EN rating	1I-2J-3K-4J-5J	1K-2K-3K-4K-5K	1K-2K-3K-4K-5K
IP rating	IP58	IP58	IP58

* Weight without battery



Spreading force up to 836 kN

TAKE COMMAND

With controlled **SPREADING**

The LUKAS E4 Spreader range is engineered for power, stability and total control in every extrication scenario. From rapid response in confined spaces to large-scale structural displacement, each spreader combines advanced grip technology with intelligent feedback systems. Giving operators precise, predictable performance when it matters most.

Ergonomic handle



Specifications

Spreading force
Spreading distance
Squeezing force
Pulling force
Pulling distance
Weight*
Dimensions
IP rating

* Weight without battery

LUKAS Shark Tooth Tips

Engineered to bite into modern vehicle materials with exceptional grip and stability. Multi-angle tooth geometry prevents slippage under load, ensuring controlled spreading and improved safety for both rescuer and casualty.

Intuitive dashboard

Delivers real-time feedback on tool position and performance, including clear stroke indication and system status. Designed for instant clarity in all conditions, helping operators maintain control and avoid critical misjudgements.

Ergonomic handle

A two-component injection moulded design combines strength and comfort, allowing precise control from any working position. Reduces fatigue while enabling confident operation in confined or unstable environments.

Integrated light bar

Provides powerful, consistent illumination directly at the point of action. Enhances visibility of contact points, structures and hazards, enabling safer, faster and more accurate spreading operations.

IP68-rated rescue battery

Fully sealed and built for extreme rescue conditions, delivering reliable power through water, mud, fuel and debris. Ensures consistent performance without compromise, wherever the tool is deployed.

Captium™ connectivity with Geofencing

Provides real-time insight into tool performance and condition, helping teams stay prepared at all times. Integrated geofencing keeps assets secure.

Integrated on-tool charging

Powers performance with seamless, direct-to-tool charging that eliminates battery swaps and ensures equipment is always mission-ready.



SP333	SP555	SP775	SP777	SP778
836 kN	658 kN	698 kN	600 kN	500 kN
600 mm	730 mm	800 mm	813 mm	1018 mm
144 kN	115 kN	105 kN	122 kN	100 kN
60 kN	58 kN	58 kN	64 kN	64 kN
440 mm	569 mm	637 mm	655 mm	858 mm
17.4 kg	20.1 kg	20.6 kg	23.5 kg	24.9 kg
823 × 256 × 253 mm	923 × 265 × 253 mm	957 × 269 × 253 mm	1010 × 309 × 253 mm	1120 × 309 × 253 mm
IP58	IP58	IP58	IP58	IP58

TAKE CONTROL

With total VERSATILITY

The LUKAS E4 Combi range is engineered for flexibility without compromise. Designed for rapid intervention and multi-purpose rescue, these tools combine cutting and spreading capability in a single, highly adaptable solution. Giving operators the ability to act quickly, confidently and with complete control when every second counts.

Combined cutting and spreading performance

IP68-rated rescue battery



Combined cutting and spreading performance

Delivers powerful cutting and spreading capability in one tool, enabling fast, efficient intervention without the need to switch equipment. Ideal for dynamic rescue scenarios where speed and versatility are critical.

Intuitive dashboard

Provides real-time feedback including roll warnings and stroke indication, helping operators maintain safe tool positioning and avoid overload or mid-operation stalls.

Ergonomic handle

A 360° ergonomic design allows precise control from any angle, supporting safe and comfortable operation in confined or unpredictable environments.

Compact, agile design

The compact, well-balanced form allows operators to manoeuvre quickly in tight spaces and challenging environments, making it ideal for first-response scenarios.

Integrated light bar

Illuminates the working area directly, improving visibility of structures, contact points and hazards. Reduces reliance on external lighting and enhances operational accuracy.

Captium™ connectivity with Geofencing

Keeps tools connected, monitored and ready. Real-time diagnostics and alerts support operational readiness, while geofencing ensures equipment remains secure and traceable at all times.

Integrated on-tool charging

Powers performance with seamless, direct-to-tool charging that eliminates battery swaps and ensures equipment is always mission-ready.



Specifications	SC258	SC358	SC758
Spreading distance	321 mm	368 mm	475 mm
Pulling distance	333 mm	382 mm	340 mm
Pulling force	37 kN	45 kN	47 kN
Weight*	15.1 kg	18.6 kg	24.2 kg
Dimensions	792 × 210 × 253 mm	876 × 235 × 253 mm	980 × 266 × 253 mm
IP rating	IP58	IP58	IP58

* Weight without battery

TAKE ACTION

With controlled **LIFTING POWER**

The LUKAS E4 Ram range is engineered for precision lifting and controlled structural displacement. Designed for confined space operations through to large-scale extrications, these tools deliver smooth, continuous force with the control needed for the most critical rescue tasks.



Dual piston continuous extension

Ensures smooth, uninterrupted force delivery throughout the full stroke, enabling controlled lifting, pushing and stabilisation during complex rescue operations.

Intuitive dashboard

Provides clear, real-time visibility of tool status and stroke progression, helping operators maintain control and precision during critical movements.

Ergonomic control with Turbo mode

Supports responsive, controlled operation when applying force, allowing operators to adapt quickly to changing conditions on scene.

Integrated light bar

Delivers focused illumination directly at the point of contact, improving visibility in confined or low-light environments and supporting safer, more accurate positioning.

Multi-sensory alerts

Reinforces visual information with audible feedback, ensuring operators remain fully aware of tool status even in high-pressure, noisy situations.

Captium™ connectivity with Geofencing

Enables full visibility of tool status, usage and location. Supports proactive maintenance and ensures critical equipment is always accounted for and ready for deployment.

Integrated on-tool charging

Powers performance with seamless, direct-to-tool charging that eliminates battery swaps and ensures equipment is always mission-ready.



Specifications	R320	R521	CR522
Stroke P1	164 mm	403 mm	451 mm
Stroke P2	136 mm	377 mm	425 mm
Retracted length	340 mm	579 mm	657 mm
Extended length	640 mm	1359 mm	1533 mm
Weight*	13.0 kg	18.7 kg	20.9 kg
Dimensions (no battery)	340 × 200 × 326 mm	579 × 140 × 327 mm	657 × 140 × 327 mm
IP rating	IP58	IP58	IP58

* Weight without battery

ON-TOOL CHARGING FOR ON-CALL ACTION

When the call comes in, there's no time to check batteries or second-guess your equipment. Every tool needs to be ready the moment it's in your hands.

The LUKAS E4 battery and charging system is designed to be ready when you are. A fully integrated solution that keeps your tools charged, protected and operational at all times. Whether they're stored on the appliance or deployed in the most demanding rescue environments.





Integrated on-tool charging

Charging contacts are built directly into the tool, enabling automatic charging when docked, with no manual battery swaps.

Full battery compatibility

Supports all LUKAS 5Ah, 9Ah and 9Ah Saltwater batteries, ensuring consistent performance across your fleet and simplifying battery management.

Smart charging protection

Integrated temperature and overload protection safeguards every charge cycle, extending battery life and maintaining performance in the toughest environments.

Automatic charge management

Tools and chargers communicate continuously to regulate charging, preventing overcharge and ensuring reliable, predictable runtime on every call.

Secure docking system

A positive lock-in mechanism holds tools firmly in place, maintaining a constant charging connection even during vehicle movement.

Rapid charging performance

Fast-charge capability minimises downtime between incidents, keeping tools in operation longer and reducing reliance on spare batteries.

Clear charging status

Integrated LED indicators provide instant visual confirmation of charging status, allowing crews to check readiness at a glance.

Rescue-grade battery technology

At the heart of every E4 tool is a purpose-built LUKAS rescue battery – our most powerful ever. Engineered for uncompromising rescue performance.

High-performance power

Delivering 25V and 227Wh, LUKAS batteries provide significantly longer runtime than conventional systems, reducing interruptions during critical operations.

IP68 all-weather protection

Fully sealed against water, dust and contamination, the battery performs in rain, floodwater, mud, fuel and hydraulic oil - and can even be changed underwater.

Built for real rescue environments

Designed and manufactured in Germany, every battery is impact-resistant, thermally protected and engineered for the extreme loads of hydraulic rescue tools.

Connected intelligence

IoT-ready technology enables real-time monitoring, diagnostics and performance optimisation through Captium™. From battery condition to usage data, every insight helps ensure your tools are ready before the next call.

LUKAS E4



SMARTER TRAINING

Better tools don't just improve performance on scene, they strengthen preparation before the call. The E4 range is designed to make training more intuitive, consistent and effective.

Familiar controls

LUKAS Star Grip helps new users learn faster, while experienced operators gain greater precision and reduced fatigue. Consistent handling across the range reinforces muscle memory and promotes safer working practices from day one.

Real-time visual and acoustic feedback

Features such as the stroke indicator and roll warning provide immediate reinforcement of correct technique, helping trainees understand tool behaviour and avoid unsafe operation.

Enhanced lighting

Improves instruction by clearly illuminating cutting points, spreading techniques and tool positioning, even in low visibility.

Captium™ Connectivity

Captures usage data and performance insights, enabling teams to review activity, identify patterns and continuously improve. Training becomes measurable, targeted and aligned to real-world use.

The result is a connected ecosystem that develops more capable operators and ensures tools are always ready to perform when it matters most.



GREATER SUPPORT

When you invest in rescue equipment, you're also choosing the support behind it. The LUKAS global dealer network ensures expert guidance, reliable service and rapid response, wherever you operate. From initial consultation to ongoing maintenance, our partners work as an extension of your team.

Expert guidance from day one

LUKAS dealers combine product knowledge with real-world experience, helping you select the right tools for your operational needs.

Training that builds confidence

Hands-on training supports your team from initial familiarisation to advanced techniques, ensuring operators use tools safely, effectively and with confidence in real scenarios.

Service you can rely on

Fast, professional servicing keeps equipment operational and compliant. With genuine parts and certified expertise, every tool is maintained to the highest standard.

Connected support with Captium™

Monitor tool condition, receive alerts and plan servicing in advance. Captium™ reduces downtime and keeps your fleet ready for every call.



EVERY STEP OF THE WAY

From first installation to long-term support, we are here to keep your tools performing and your team prepared.

LUKAS E4

LUKAS E⁴

LUKAS Hydraulik GmbH

Weinstrasse 39
91058 Erlangen
Germany
Phone: +49 9131 698-0
Fax: +49 9131 698-394
E-Mail: lukas.info@idexcorp.com

lukas.com

© Copyright · 05/2026 · LUKAS Hydraulik GmbH
Errors and omissions excepted.