

RESCUE
ENTIRE RANGE

LUKAS

superior equipment for saving lives



LUKAS saves lives ACROSS THE WORLD

LUKAS has been developing hydraulic rescue tools since 1972. We are present across the world and our range of products can help you save lives. That is why we pay great attention to the quality of our tools. "Made in Germany" manufactured LUKAS rescue tools with a special seal of quality, precision and passion, so you can rely upon our technology when rescuing. We are innovative and are constantly finding ways to develop our rescue tools for you. The tools should be light, comfortable and efficient for use in rescue operations.

This is not difficult for LUKAS, a part of the international IDEX Corporation. Thanks to our IDEX Fire & Safety family, we can act globally, exchange international practical knowledge and place high-performance rescue equipment on the global market.

**We want to save lives with you!
We are a team!**



Superior equipment FOR SAVING LIVES

We were the first manufacturer in the world to develop hydraulic cutters and have over 40 years of experience in manufacturing rescue equipment for global use.

LUKAS rescue equipment is user-friendly, powerful and quick to use. We are a reliable partner whom you can trust. The safety of the rescuers and injured persons is the most important criterion when it comes to developing our equipment.

Our products are intuitive to operate, designed for mobile use and thought out down to the last detail.



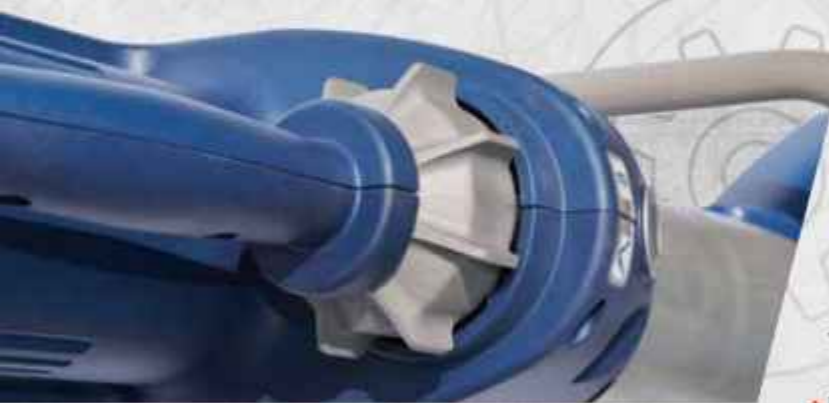
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LUKAS – INNOVATIVE RESCUE TOOLS



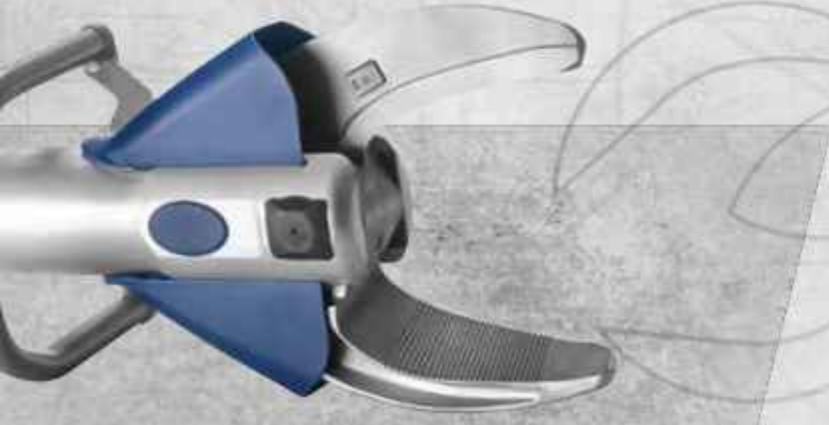
eDRAULIC

- NO COMPROMISE ON PERFORMANCE FOR HOSE-CONNECTED TOOLS
- WORK MADE FASTER AND SAFER
- LESS SPACE REQUIREMENT IN EMERGENCY VEHICLES
- UNLIMITED OPERATING RADIUS



STAR GRIP

- PERMITS FINE CONTROL
- INTUITIVE TO USE FOR LEFT AND RIGHT-HANDERS
- THE ABILITY TO WORK PRECISELY KEEPS RESCUERS AND PATIENTS SAFE
- FOR RESCUERS, WORK IS LESS STRENUOUS AND STRESSFUL
- HANDLE AND CONTROL CLEARLY SEPERATED



CUTTER GEOMETRY

- PULLS PERFECTLY INTO POSITION
- LONG LASTING, RESHARPENABLE
- SUITABLE FOR FUTURE GENERATIONS OF VEHICLES

HIGH-PERFORMANCE RESCUE BATTERY

- SPECIALLY DEVELOPED FOR RESCUE OPERATIONS
- BATTERY CAN BE CHANGED QUICKLY AND EASILY
- BATTERY CAN BE CHANGED QUICKLY IN THE DARK THANKS TO AN ILLUMINATED BATTERY COMPARTMENT
- CHARGING CYCLE COUNTER



„SHARK TOOTH“ TIPS

- AGGRESSIVE GRIP THANKS TO INNOVATIVE 3-ROW ARRANGEMENT OF THE STEEL TEETH
- SPREADING, SQUEEZING AND PULLING



MONO COUPLING

- FAST CHANGE OF EQUIPMENT DURING OPERATION
- MANUAL PRESSURE RELIEF IS NOT NECESSARY
- CAN BE FREELY ROTATED BY 360°
- HIGHLY RESISTANT TO DIRT



TURBO POWER

- TWO OIL FLOWS FOR DOUBLE WORKING SPEED



eDRAULIC

**Compact,
more performance –
FASTER TO USE**

LUKAS eDRAULIC technology offers you mobility and flexibility and helps you to rescue people without the need for hose-connected power units. Our eDRAULIC rescue tools allow you to react to any situation quickly. The lack of cumbersome hoses reduces the risk of stumbling at the site of the rescue operation. eDRAULIC rescue tools ensures mobility even on rough terrain and in narrow spaces. They can be easily manoeuvred inside the vehicle, which makes them very flexible.

Our high-performance batteries will not let you down in your rescue operation and save space.

LUKAS was the first manufacturer in the world of electro-hydraulic rescue tools and is very proud of its eDRAULIC technology, which is the technology of the future.



eDRAULIC – CUTTERS

S 799 E2 / S 788 E2 / S 377 E2 / S 312 E2



**COMPACT, FLEXIBLE,
POWERFUL**

	S 799 E2	S 788 E2	S 377 E2	S 312 E2
Cutting force up to ¹⁾	309,337 lbf. / 1.376 kN	247,515 lbf. / 1,101 kN	146,133 lbf. / 650 kN	152,900 lbf. / 680 kN
Round steel up to ø ²⁾	1.77 in. / 45 mm	1.65 in. / 42 mm	1.30 in. / 33 mm	1.38 in. / 35 mm
Blade opening	8.03 in. / 204 mm	7.87 in. / 200 mm	8.11 in. / 206 mm	6.3 in. / 160 mm
Dimensions ³⁾	39.8 x 10.9 x 11.1 in. 1.010 x 276 x 281 mm	38.9 x 10.5 x 11.1 in. 988 x 266 x 281 mm	36.8 x 9.3 x 11.1 in. 934 x 237 x 281 mm	35.6 x 9.3 x 11.1 in. 905 x 237 x 281 mm
Weight ⁴⁾	55.78 lbs. / 25.3 kg	50.04 lbs. / 22.7 kg	42.6 lbs. / 19.3 kg	40.8 lbs. / 18.5 kg
NFPA classes	A9/B9/C9/D9/E9	A8/B9/C8/D9/E9	A7/B8/C7/B7/E8	A7/B8/C7/D7/E7
EN cutting class	K	K	I	I
EN cutting performance	1K – 2K – 3K – 4K – 5K	1K – 2K – 3K – 4K – 5K	1I – 2J – 3I – 4J – 5J	1I – 2I – 3I – 4J – 5J
Protection class	IP 54	IP 54	IP 54	IP 54

¹⁾ theoretic ²⁾ according to EN 13204, NFPA 1936 ³⁾ l x w x h ⁴⁾ weight closed, w/o battery

LOOP HANDLE
Flexible loop handle for turning the cutter in various positions

BATTERY
High-performance battery developed specially for rescue operations

BATTERY COMPARTMENT
Casing protects the battery from external influences

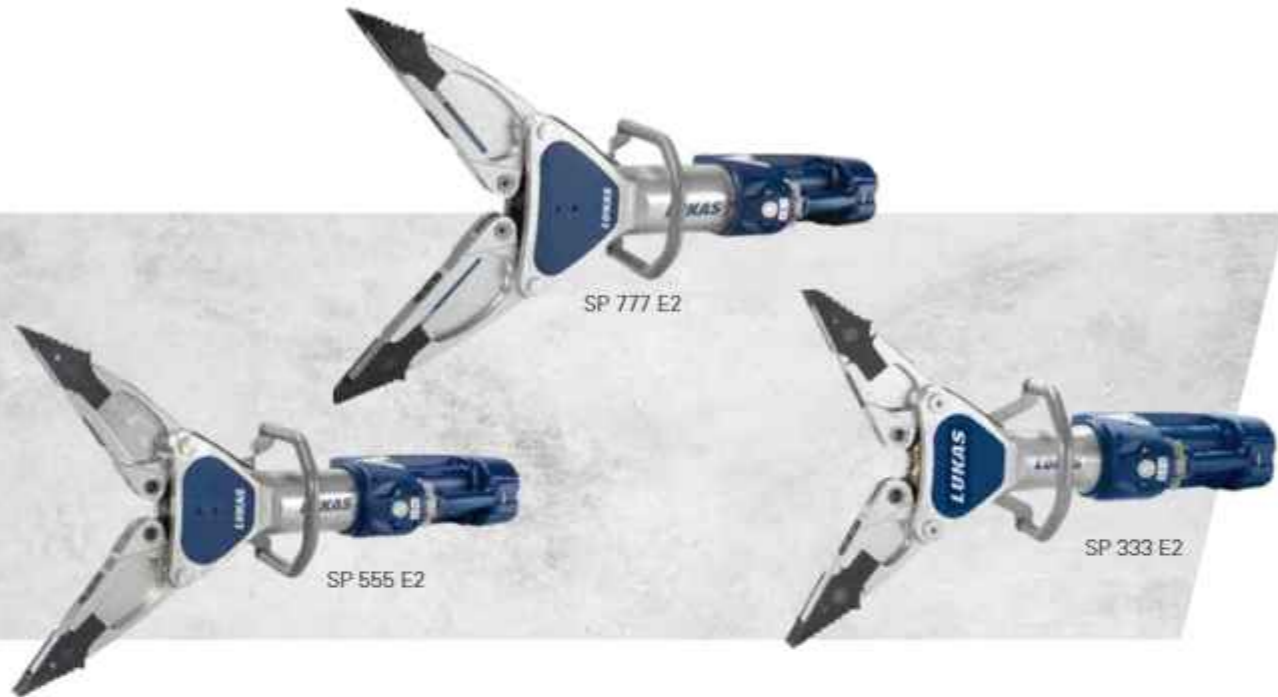
STAR GRIP
Enables fine control even in difficult positions without having to twist your wrist

LEDs
LEDs distributed over the casing ensure the necessary illumination

BLADE OPENING
Large opening width; pulls perfectly into position

eDRAULIC – SPREADERS

SP 777 E2 / SP 555 E2 / SP 333 E2



SPREADING, SQUEEZING AND PULLING – WHEN EVERY SECOND COUNTS

	SP 777 E2	SP 555 E2	SP 333 E2
Spreading force	14,160 – 134,900 lbf. 63 – 600 kN	11,690 – 147,924 lbf. 52 – 658 kN	9,442 – 187,940 lbf. 42 – 836 kN
Spreading distance	32.0 in./813 mm	28.7 in./730 mm	23.6 in./600 mm
Squeezing force up to	27,400 lbf./122 kN	25,900 lbf./115 kN	32,500 lbf./144 kN
Pulling force up to	13,490 lbf./60 kN	13,039 lbf./58 kN	12,589 lbf./56 kN
Pulling distance	25.8 in./655 mm	22.4 in./569 mm	17.3 in./440 mm
Dimensions ¹⁾	42.5 x 12.2 x 11.2 in. 1,080 x 309 x 285 mm	39.4 x 10.4 x 11.0 in. 1,002 x 265 x 280 mm	35.6 x 10.0 x 11.2 in. 905 x 255 x 285 mm
Weight ²⁾	52.0 lbs./23.6 kg	44.1 lbs./20.0 kg	38.1 lbs./17.3 kg
Protection class	IP 54	IP 54	IP 54

¹⁾ l x w x h ²⁾ closed; w/o battery

FLAT POINTS

Extra-flat points for narrow gap sizes

SHARK-TOOTH TIPS

Shark-tooth tips with aggressive grip for all kinds of operations

FITTING RAILS

Optional universal fitting rails for three additional lights

LOOP HANDLE

Flexible loop handle for turning the spreader in various positions



eDRAULIC – COMBI TOOLS

SC 757 E2 / SC 358 E2 / SC 258 E2



	SC 757 E2	SC 358 E2	SC 258 E2
Cutting force up to	198,000 lbf./880 kN	110,600 lbf./492 kN	63,000 lbf./280 kN
Round steel up to ø ¹⁾	1.5 in./38 mm	1.38 in./35 mm	1.02 in./26 mm
Spreading force up to	292,000 lbf./1,300 kN	337,230 lbf./1,500 kN	157,000 lbf./700 kN
Spreading force 25 mm from tips end	9,220 lbf./41 kN	8,543 lbf./38 kN	7,200 lbf./32 kN
Spreading distance	17.7 in./450 mm	14.5 in./368 mm	12.6 in./321 mm
Pulling force up to	22,000 lbf./98 kN	13,714 lbf./61 kN	7,640 lbf./34 kN
Pulling distance	11.7 in./297 mm	15 in./382 mm	13 in./330 mm
Dimensions ²⁾	40.7 x 11.6 x 11.2 in. 1,033 x 294 x 285 mm	37.7 x 9.3 x 10.9 in. 956 x 237 x 278 mm	34.4 x 8.5 x 11.1 in. 874 x 215 x 281 mm
Weight ³⁾	52.9 lbs./24.0 kg	41.4 lbs./18.8 kg	32.6 lbs./14.9 kg
NFPA classes	A8/B9/C8/D9/E9	A7/B8/C7/D8/E7	A6/B6/C6/D7/E7
EN cutting class	J	I	F
EN cutting performance	1J – 2K – 3J – 4K – 5K	1I – 2J – 3I – 4J – 5J	1G – 2F – 3F – 4F – 5G
Protection class	IP 54	IP 54	IP 54

¹⁾ according to EN 13204; NFPA 1936 ²⁾ l x w x h ³⁾ closed; w/o battery

CUTTING AND SPREADING WITHOUT CHANGING TOOLS

1 SHARK-TOOTH TIPS

Shark-tooth tips with aggressive grip for all kinds of operations

2 CUTTER

Entire cut length thanks to removable "shark-tooth tips"

3 LOOP HANDLE

Flexible loop handle for turning the combi tool in various positions

4 LEDs

LEDs distributed over the casing ensure the necessary illumination

5 STAR GRIP

Enables comfortable control even in difficult positions without having to twist your wrist

6 BATTERY COMPARTMENT

Casing protects the battery from external influences

7 BATTERY

High-performance battery developed specially for rescue operations



Removable "Shark-tooth tips"



eDRAULIC – RESCUE RAMS

R 422 E2 / R 421 E2 / R 410 E2



LARGE LIFT, MINIMAL SIZE

	R 422 E2	R 421 E2	R 410 E2
Total lift	59.1 in./1,500 mm	53.0 in./1,347 mm	35.9 in./912 mm
Piston 1 lift	15.2 in./387 mm	15.2 in./387 mm	14.7 in./373 mm
Piston 1 lifting force	28,600 lbf./127 kN	28,600 lbf./127 kN	28,600 lbf./127 kN
Piston 2 lift	14.3 in./363 mm	14.3 in./363 mm	–
Piston 2 lifting force	13,500 lbf./60 kN	13,500 lbf./60 kN	–
Retracted length	29.5 in./750 mm	23.5 in./597 mm	21.2 in./539 mm
Dimensions ¹⁾	29.5 x 5.3 x 12.3 in./ 750 x 135 x 313 mm	23.5 x 5.3 x 12.3 in./ 597 x 135 x 313 mm	21.2 x 5.3 x 12.3 in./ 539 x 135 x 313 mm
Weight ²⁾	45.9 lbs./20.8 kg	41.9 lbs./19.0 kg	36.2 lbs./16.4 kg
Protection class	IP 54	IP 54	IP 54

¹⁾ l x w x h ²⁾ closed, w/o battery

STAR GRIP

Enables fine control even in difficult positions without having to twist your wrist

BATTERY

High-performance battery developed specially for rescue operations

LEDS

LEDs distributed over the casing ensure the necessary illumination

PISTON

2-stage telescopic ram for extra-long stroke



360° CLAWS

Rotatable, sharp claws with extreme grip

VENTILATION

Air vents for perfect cooling of the equipment

BATTERY COMPARTMENT

Casing protects the battery from external influences

CASING

360° rotating casing under pressure for better access inside the vehicle



QUICKLY OVERCOME obstacles

Every operation requires real concentration and perfect equipment. To allow you to overcome all obstacles in the way of a fast rescue, LUKAS has developed a universal tool to provide reliable, high-performance support every time you need it. The StrongArm can open doors and gates, cut chains, locks and bars and lift or push away obstacles.

Whether you are spreading, lifting or cutting, the StrongArm can be used flexibly in any rescue scenario.



STRONGARM

E 100/LE 100



MULTI-TOOL WITH INNUMERABLE APPLICATIONS

	E 100	LE 100
Cutting force up to:	34,845 lbf. / 155 kN	34,845 lbf. / 155 kN
Round steel up to ¹⁾	0.87 in. / 22.2 mm	0.87 in. / 22.2 mm
Blade opening with combi tips	8.5 in. / 215 mm	8.5 in. / 215 mm
Spreading force	6,300 – 157,000 lbf 28 – 700 kN	6,300 – 157,000 lbf 28 – 700 kN
Spreading distance with door opener tips	7.3 in. / 184 mm	7.3 in. / 184 mm
Spreading distance with combi tips	8.5 in. / 215 mm	8.5 in. / 215 mm
Dimensions with combi tips ²⁾	31.3 x 7.7 x 8.3 in. 796 x 195 x 210 mm	31.3 x 7.7 x 8.3 in. 796 x 195 x 210 mm
Weight ³⁾	21.6 lbs. / 9.8 kg	21.6 lbs. / 9.8 kg
NFPA-Classes	A5/B3/C5/D6/E6	A5/B3/C5/D6/E6
EN cutting performance	1E – 2D – 3D – 4D – 5D	1E – 2D – 3D – 4D – 5D

¹⁾ according to EN 13204; NFPA 1936 ²⁾ l x w x h ³⁾ without battery and tips



FITTING RAILS

Universal fitting rails for lighting, etc.

BATTERY

High-performance battery developed specially for rescue operations

LOOP HANDLE

Flexible loop handle for turning the StrongArm in various positions

CHANGING ATTACHMENTS

Easy to change attachments thanks to large locking knobs

STAR GRIP

Enables fine control even in difficult positions without having to twist your wrist

ROBUST CASING

Specially made for use at high temperatures thanks to heat-resistant casing



HOSE-CONNECTED RESCUE TOOLS

**RELIABLE,
LONG-LASTING HELPERS**
for any rescue scenario

The classic rescue tool for fire fighters, who have been using hose-connected rescue tools for years. Cutters, spreaders, combi tools and rescue rams have a lot of power because the hose can be connected to several different power units.

LUKAS power units have a turbo function. With one hand movement you can double the oil flow to one tool in order to work twice as fast. Because in rescue operations, every second counts.



CUTTERS

S 799 / S 788 / S 377 / S 312



	S 799	S 788	S 377	S 312
Cutting force up to ¹⁾	309,337 lbf. / 1,376 kN	247,515 lbf. / 1,101 kN	146,133 lbf. / 650 kN	152,900 lbf. / 680 kN
Round steel up to ø ²⁾	1.77 in. / 45 mm	1.65 in. / 42 mm	1.30 in. / 33 mm	1.38 in. / 35 mm
Blade opening	8.03 in. / 204 mm	7.87 in. / 200 mm	8.11 in. / 206 mm	6.3 in. / 160 mm
Oil requirement	24 cu. in. / 394 cm ³	18 cu. in. / 295 cm ³	6.7 cu. in. / 110 cm ³	6.7 cu. in. / 110 cm ³
Dimensions ³⁾	32.6 × 11.5 × 7.4 in. 828 × 291 × 188 mm	31.6 × 11.0 × 7.4 in. 801 × 279 × 187 mm	29.0 × 8.98 × 6.8 in. 736 × 228 × 172 mm	28.5 × 9.0 × 6.8 in. 724 × 228 × 172 mm
Weight	47.0 lbs. / 21.3 kg	41.2 lbs. / 18.7 kg	33.7 lbs. / 15.3 kg	32.0 lbs. / 14.5 kg
NFPA classes	A9/B9/C8/D9/E9	A8/B9/C8/D9/E9	A7/B8/C7/D7/E8	A7//B8/C7/D7/E7
EN classification	CC 200 K-21,3	CC 200 K-18,7	BC 180 I-15,3	BC 160 I-14,5
EN cutting performance	1K – 2K – 3K – 4K – 5K	1K – 2K – 3K – 4K – 5K	1I – 2J – 3I – 4J – 5J	1I – 2I – 3I – 4J – 5J

¹⁾ theoretic ²⁾ according to EN 13204, NFPA 1936 ³⁾ l x w x h

SPREADERS

SP 777 / SP 555 / SP 333



	SP 777	SP 555	SP 333
Spreading force	14,160 – 134,900 lbf. 63 – 600 kN	11,690 – 147,924 lbf. 52 – 658 kN	9,442 – 187,940 lbf. 42 – 836 kN
Spreading distance	32.0 in. / 813 mm	28.7 in. / 730 mm	23.6 in. / 600 mm
Squeezing force up to	27,400 lbf. / 122 kN	25,900 lbf. / 115 kN	32,500 lbf. / 144 kN
Pulling force	13,490 lbf. / 60 kN	13,039 lbf. / 58 kN	12,589 lbf. / 56 kN
Pulling distance	25.8 in. / 655 mm	22.4 in. / 569 mm	17.3 in. / 440 mm
Oil requirement	23.5 cu. in. / 385 cm ³	14.6 cu. in. / 240 cm ³	9.15 cu. in. / 150 cm ³
Dimensions ¹⁾	35.4 × 12.2 × 7.95 in. 898 × 309 × 202 mm	32.4 × 11.2 × 7.95 in. 823 × 285 × 202 mm	28.5 × 11.2 × 7.95 in. 723 × 285 × 202 mm
Weight	43.4 lbs. / 19.7 kg	35.7 lbs. / 16.2 kg	29.5 lbs. / 13.4 kg
EN classification	BS 63 813-19,7	AS 52 730-16,2	AS 42 600-13,4

¹⁾ l x w x h

COMBI TOOLS

SC 557 / SC 358 / SC 250 M



	SC 557	SC 358	SC 250 M
Cutting force up to	182,095 lbf./810 kN ¹⁾	110,600 lbf./492 kN	58,675 lbf./261 kN
Round steel up to ø	1.49 in./38 mm ²⁾	1.38 in./35 mm	1.02 in./26 mm ²⁾
Spreading force	9,217 – 258,520 lbf. 41 – 1,150 kN	8,543 lbf. 38 – 1,500 kN ⁴⁾	91,052 lbf./405 kN
Spreading distance	16.9 in./430 mm	14.5 in./368 mm	12.1 in./308 mm
Pulling force up to	20,233 lbf./90 kN	13,714 lbf./61 kN ³⁾	7,194 lbf./32 kN
Pulling distance	12.4 in./315 mm	15 in./382 mm ³⁾	13.1 in./334 mm
Oil requirement	6.6 cu. in./108 cm ³	6.7 cu. in./110 cm ³	–
Dimensions	33.1 x 11.6 x 7.5 in. 840 x 295 x 190 mm ³⁾	30.5 x 9.0 x 6.8 in. 774 x 228 x 172 mm ³⁾	33.5 x 7.48 x 6.22 in. 850 x 190 x 158 mm ³⁾
Weight	43.7 lbs./19.8 kg	32.6 lbs./14.8 kg ³⁾	26.2 lbs./11.9 kg
NFPA classes	A8/B9/C8/D9/E9	A7/B8/C7/D8/E7	–
EN cutting class	CK 41/430 J-19.8	CK 38/368 I-14.8	–
EN cutting performance	1J – 2K – 3K – 4K – 5K	1I – 2J – 3I – 4J – 5J ³⁾	–

¹⁾ theoretic ²⁾ according to EN 13204; NFPA 1936 ³⁾ l x w x h ⁴⁾ 25 mm from front end of tips
⁵⁾ with chain set KSV 11 and adaptor set ⁶⁾ incl. hydraulic fluid

OUR RESCUE TECHNOLOGY
for you



TELESCOPIC RESCUE RAMS

R 430 / R 424 / R 422 / R 420



	R 430	R 424	R 422	R 420
Total lift	32.3 in./820mm	34.5 in./875mm	27.8 in./705mm	22.6 in./575mm
Lift Piston 1	11.6 in./295mm	17.5 in./445mm	15.7 in./365mm	11.6 in./295mm
Lifting force Piston 1	60,474 lbf./269kN	60,747 lbf./269kN	60,747 lbf./269kN	60,747 lbf./269kN
Lift Piston 2	11 in./280mm	16.9 in./430mm	13.4 in./340mm	11 in./280mm
Lifting force Piston 2	30,124 lbf./134kN	30,124 lbf./134kN	30,124 lbf./134kN	30,124 lbf./134kN
Lift Piston 3	9.65 in./245mm	-	-	-
Lifting force Piston 3	8,768 lbf./39kN	-	-	-
Retracted length	18.7 in./475mm	24.6 in./625mm	21.7 in./550mm	18.9 in./480mm
Extended length	51 in./1,295mm	59.1 in./1,500mm	49.4 in./1,255mm	41.5 in./1,055mm
Oil requirement	130.6 cu. in./2,140cm ³	130.6 cu. in./2,140cm ³	106.2 cu. in./1,740cm ³	86.04 cu. in./1,410cm ³
Dimensions ¹⁾	18.7 x 4.41 x 8.7 in. 475 x 112 x 221 mm	24.6 x 4.41 x 8.7 in. 625 x 112 x 221 mm	21.7 x 4.41 x 8.7 in. 550 x 112 x 221 mm	18.8 x 4.41 x 8.7 in. 480 x 112 x 221 mm
Weight	39 lbs./17.7kg	46.3 lbs./21.0kg	41.4 lbs./18.8kg	37 lbs./16.8kg

¹⁾ l x w x h

RESCUE RAMS

R 414 / R 412 / R 410



	R 414	R 412	R 410
Piston stroke	27.6 in./700mm	19.7 in./500mm	11.8 in./300mm
Lifting force	27,876 lbf./124kN	30,799 lbf./137kN	30,799 lbf./137kN
Retracted length	35.4 in./900mm	26.8 in./680mm	17.7 in./450mm
Extended length	63 in./1,600mm	46.5 in./1,180mm	29.5 in./750mm
Oil requirement	67.7 cu. in./1,110cm ³	48.5 cu. in./795cm ³	29.1 cu. in./477cm ³
Dimensions ¹⁾	35.4 x 3.74 x 6.85 in. 900 x 95 x 174 mm	26.8 x 3.74 x 6.85 in. 680 x 95 x 174 mm	17.7 x 3.74 x 6.85 in. 450 x 95 x 174 mm
Weight	52.9 lbs./24.2kg	39.5 lbs./17.7kg	28.7 lbs./13.0kg

¹⁾ l x w x h

POWER UNITS**Maximum performance
with TURBO FUNCTION**

LUKAS power units are handy, light and flexible. They come with gasoline or electric engine and have plenty of output; up to two tools can be connected simultaneously. A rescue operation involving work on several cars at the same time can easily be carried out thanks to our power units.

Carry out rescue operations at double the speed and get your rescue moving with the turbo function. The turbo mode will speed up the process when one needs to act fast.

LUKAS power units are compact, intelligent power sources and take the pressure off your back.



POWER UNITS

P 635 SG / P 635 SG DHR 20 / P 635 SG DHR-COAX
GASOLINE ENGINE



	P 635 SG	P 635 SG DHR 20	P 635 SG DHR-COAX
Engine	4-stroke/gasoline	4-stroke/gasoline	4-stroke/gasoline
Connection	2 tools	2 tools	2 tools
Operation	2 tools	2 tools	2 tools
Turbo-Function	included	included	included
Power	2.2kW	2.2kW	2.2kW
Operating pressure	10,000psi/700bar	10,000psi/700bar	10,000psi/700bar
Flow rate low/high pressure	2 x 183 – 2 x 42.7 cu. in. /min. 2 x 3.0 – 2 x 0.7l/min	2 x 183 – 2 x 42.7 cu. in. /min. 2 x 3.0 – 2 x 0.7l/min	2 x 183 – 2 x 42.7 cu. in. /min. 2 x 3.0 – 2 x 0.7l/min
Flow rate turbo low/high pressure	1 x 353.9 – 1 x 82.4 cu. in. /min. 1 x 5.8 – 1 x 1.35l/min	1 x 353.9 – 1 x 82.4 cu. in. /min. 1 x 5.8 – 1 x 1.35l/min	1 x 353.9 – 1 x 82.4 cu. in. /min. 1 x 5.8 – 1 x 1.35l/min
Fill quantity hydraulic fluid	305cu. in./5l	305cu. in./5l	305cu. in./5l
Dimensions ¹⁾	17.3 x 17.3 x 17.5 in. 440 x 440 x 445 mm	31.4 x 17.3 x 23.6 in. 798 x 440 x 600 mm	32.3 x 17.3 x 23.6 in. 820 x 440 x 600 mm
Weight ²⁾	71.7 lbs./32.5 kg	159.8 lbs./72.5 kg	163.8 lbs./74.3 kg
Hose length	–	2 x 787 in. double hose 2 x 20m double hose	2 x 787 in. mono hose 2 x 20m mono hose
Certification	EN 13204, NFPA 1936	EN 13204, NFPA 1936	EN 13204, NFPA 1936

¹⁾ l x w x h ²⁾ incl. gasoline for 1h and 4.3l hydraulic oil

POWER UNITS

P 635 SE / P 635 SE DHR 20 / P 635 SE DHR-COAX
ELECTRIC ENGINE



	P 635 SE	P 635 SE DHR 20	P 635 SE DHR-COAX
Engine	230V electric motor	230V electric motor	230V electric motor
Connection	2 tools	2 tools	2 tools
Operation	2 tools	2 tools	2 tools
Turbo-Function	included	included	included
Power	2.2kW	2.2kW	2.2kW
Operating pressure	10,000psi/700bar	10,000psi/700bar	10,000psi/700bar
Flow rate low/high pressure	2 x 183 – 2 x 42.7 cu. in. /min. 2 x 2.4 – 2 x 0.55l/min	2 x 146.5 – 2 x 33.6 cu. in. /min. 2 x 2.4 – 2 x 0.55l/min	2 x 146.5 – 2 x 33.6 cu. in. /min. 2 x 2.4 – 2 x 0.55l/min
Flow rate turbo low/high pressure	1 x 353.9 – 1 x 82.4 cu. in. /min. 1 x 4.7 – 1 x 1.24l/min	1 x 286.8 – 1 x 67.1 cu. in. /min. 1 x 4.7 – 1 x 1.24l/min	1 x 286.8 – 1 x 67.1 cu. in. /min. 1 x 4.7 – 1 x 1.24l/min
Fill quantity hydraulic fluid	305cu. in./5l	305cu. in./5l	305cu. in./5l
Dimensions ¹⁾	17.3 x 17.3 x 17.5 in. 440 x 440 x 445 mm	31.4 x 17.3 x 23.6 in. 798 x 440 x 600 mm	32.3 x 17.3 x 23.6 in. 820 x 440 x 600 mm
Weight ²⁾	80.9 lbs./36.7 kg	76.7 lbs./76.7 kg	173 lbs./78.5 kg
Hose length	–	2 x 787 in. double hose 2 x 20m double hose	2 x 787 in. mono hose 2 x 20m mono hose
Certification	EN 13204, NFPA 1936	EN 13204, NFPA 1936	EN 13204, NFPA 1936

¹⁾ l x w x h ²⁾ incl. 4.3l hydraulic oil

PORTABLE POWER UNITS

P 630 OG / P 630 SG / P 600 OE



	P 630 OG	P 630 SG
Engine	4-stroke/gasoline	4-stroke/gasoline
Connection	1 tool	2 tools
Operation	1 tool	2 tools
Turbo-Function	-	included
Power max.	1.6kW	2.2kW
Operating pressure	10,000psi/700bar	10,000psi/700bar
Flow rate low/high pressure	1 x 195,3 - 1 x 42.7 cu.in./min. 1 x 3.2 - 1 x 0.7l/min	2 x 183 - 2 x 42 cu. in./min. 2 x 3.0 - 2 x 0.7l/min
Flow rate turbo low/high pressure	-	1 x 354 - 1 x 82 cu. in./min. 1 x 5.8 - 1 x 1.35l/min
Standard oil quantity ¹⁾	103.7 cu. in./1.7l	134.3 cu. in./2.2l
Maximum oil quantity ¹⁾	183.1 cu. in./3.0l	183.1 cu. in./3.0l
Dimensions ²⁾	16.5 x 12.0 x 16.1 in. 420 x 304 x 408 mm	19.5 x 14.2 x 17.5 in. 495 x 360 x 445 mm
Weight ²⁾	35.1 lbs./15.9kg	52.7 lbs./23.9kg
Certification	EN 13204; NFPA 1936	EN 13204; NFPA 1936

¹⁾ Fill quantity - useable quantity ²⁾ l x w x h

	P 600 OE
Engine	eDRAULIC
Connection	1 tool
Operation	1 tool
Operating pressure	10,000psi/700bar
Flow rate low/high pressure	2.4 - 0.45l/min
Capacity	91.6 cu. in./1.5l
Usable oil quantity	73.2 cu. in./1.2l
Dimensions ¹⁾	18.1 x 7.17 x 10.1 in. 460 x 182 x 257 mm
Weight ²⁾	18.3 lbs./8.3kg

¹⁾ l x w x h ²⁾ weight closed; w/o battery

HOSE AND HOSE REEL

SHR 20 / EXTENSION HOSE PAIR / MONO HOSE



	SHR 20	EXTENSION HOSE PAIR	MONO HOSE
Length	1 x 787.4 in./20m	196.9 in./393.7 in. 5m/10m	196.9 in./393.7 in./590.6 in. 5m/10m/15m
Weight	38.6 lbs./18kg	7.7 lbs./13.2 lbs. 3.5kg/6.0kg	7.9 lbs./13.2 lbs./18.5 lbs. 3.6kg/6.0kg/8.4kg



EQUIPMENT

Supporting, cutting,
protecting – you can
rely on **LUKAS**
ADDITIONAL EQUIPMENT

The safety of the people and rescuers during rescue operations is our top priority! We keep this in mind when manufacturing the LUKAS equipment. In order to make your work easier for you at the rescue site, LUKAS offers suitable protective equipment, helpers for glass management and a sophisticated support system in addition to the classic cutter, door opener and lifting sets.

It is often the small helpers that contribute to a successful outcome. We think operations through with you in detail.



CUTTER AND DOOR OPENER SETS

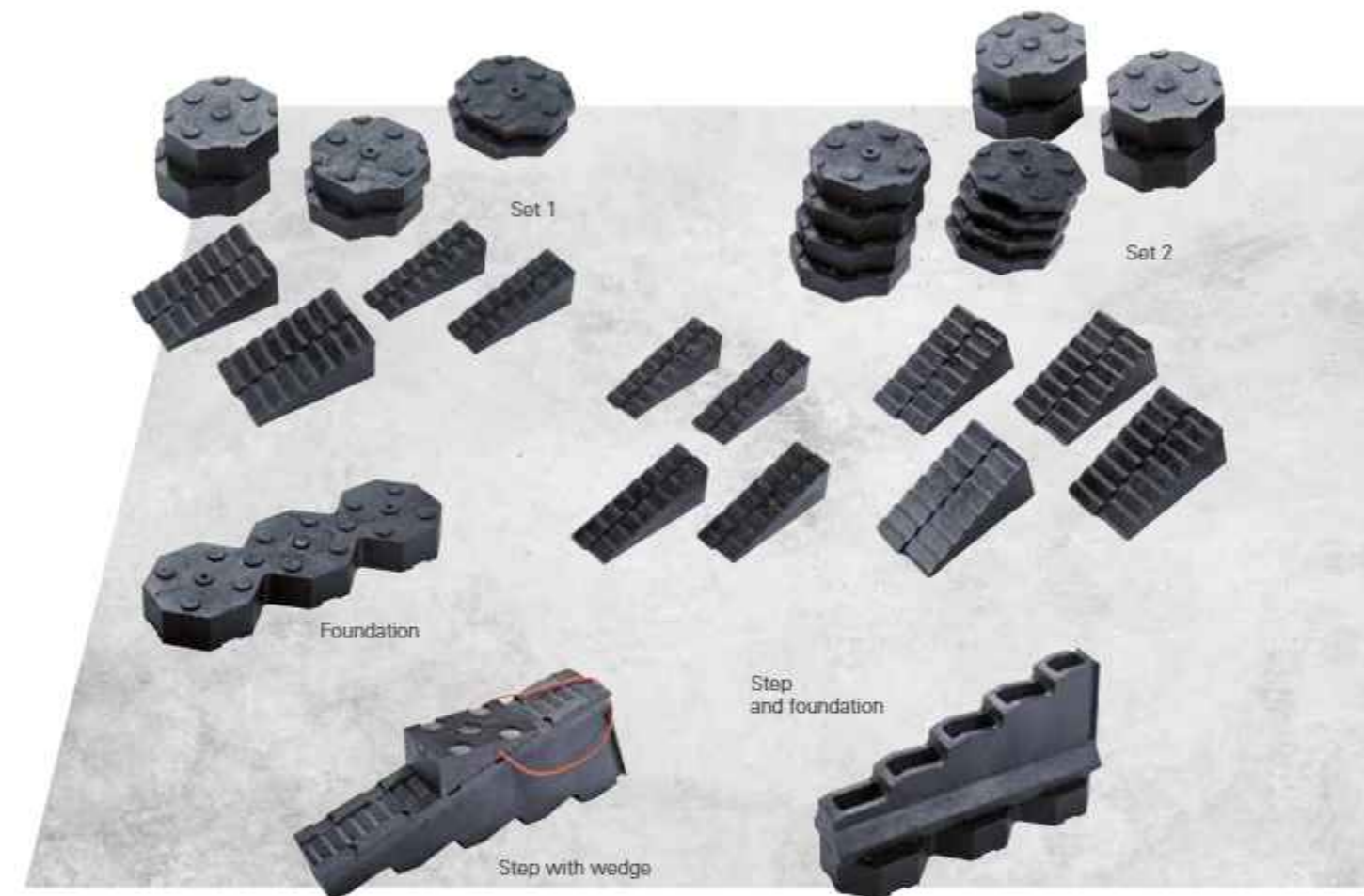
LSH 4 / HTS 90 / COMBI LSH 4 & HTS 90 / S 120



	LSH 4	HTS 90	LSH 4 & HTS 90	S 120
Cutting force up to	16,800 lbf./75 kN	-	16,800 lbf./75 kN	41,140 lbf./183 kN
Spreading force up to	-	20,000 lbf./90 kN	20,000 lbf./90 kN	-
Hub	-	4 in./100 mm	4 in./100 mm	-
Blade opening	1.6 in./40 mm	-	1.6 in./40 mm	2.1 in./53 mm
Set weight	20 lbs./8.8 kg	28 lbs./12.8 kg	38 lbs./17.1 kg	9.5 lbs./4.3 kg
Dimensions box	15.8 x 12.2 x 7.5 in. 400 x 310 x 190 mm	15.8 x 12.2 x 7.5 in. 400 x 310 x 190 mm	15.8 x 12.2 x 7.5 in. 400 x 310 x 190 mm	-

BASE MATERIAL

SET 1 / SET 2 / FOUNDATION / STEP WITH WEDGE / STEP AND FOUNDATION



PROTECTIVE EQUIPMENT

AIR BAG SAFE SET FOR CARS / PASSENGERS AIR BAG SAFE / PROTECTION COVERS / TOOL STATION



SUPPORT SET

LX-STRUT



LX-STRUT

Contents	1 support
Retracted length	ca. 42.1 in./1,070mm
Extended length	ca. 72.8 in./1,850mm
Weight per support	11.2 lbs./5.1 kg
Load on the support in the F1 orientation	3,637.7 lbs./1,650kg
Load on the support in the F2 orientation	1,080.3 lbs./490kg
Length of webbing	157.5 in./4,000mm
Useful length of webbing	133.9 in./3,400mm

ACCESSORIES

eDRAULIC TOOLS



STRONGARM



eDRAULIC SPREADER

eDRAULIC RESCUE RAMS



SPREADER

RESCUE RAMS



ACCESSORIES



COMBI TOOLS



**THE IDEX
FIRE & SAFETY FAMILY**
is always there for you!





What do you need for your rescue operations?

Let us know, we'll be glad to advise you.

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