

LUKAS® LKS 55 EN

Premium Combi Tool

Spreader and cutter with the highest performance.

The LKS 55 EN offers a spreading force up to 23 tons and a cutting force up to 54.5 tons. The tool is particularly suitable for first access rescue operations. The optimum equipment for first responders.

Recommended applications:

- ✓ Rescue jobs in traffic accidents
- ✓ Modern vehicle constructions made of high-strength material
- ✓ Urban rescue
- ✓ Disaster management

Highlights:

- ✓ Cutting and spreading without any changes of the tool
- ✓ Pulling with the LUKAS chain set (see accessories)
- ✓ Low oil consumption – ideal for the combination with a mobile hydraulic pump (e.g. LUKAS CP 100)
- ✓ Precise tool operation with your finger tips in any position
- ✓ Fast opening and closing action speeds up the rescue
- ✓ Operator safety design – all moving mechanical parts are covered
- ✓ Tool fully balanced



Spreading distance
18.6 in. / 428 mm

Round bar \varnothing 1.5 in. / 37 mm

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QM-System
ISO 9001 · ISO 14001
certified

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Technical Data

Cutting force up to	120,300 lbs / 535 kN
Round steel up to dia. *	1.5 in. / 37 mm
Spreading force up to	50,500 lbs / 225 kN
Spreading distance	18.6 in. / 428 mm
Pulling force up to	14,400 lbs / 64 kN
Pulling distance	15 in. / 381 mm
Oil requirement	6.6 cu. in. / 108 cm ³
Dimensions: l x w x h	33.2 x 9.6 x 7.1 in.
	845 x 245 x 180 mm
Weight	45.2 lbs / 20.5 kg

* Average hardness of round stock material 360 ... 490 MPa

LUKAS Hydraulic Pumps are set to a system pressure of 630 bar. Acc. to DIN standard the working pressure can be increased at 10%. If the tools are operated with the increased working pressure (693 bar), also the tool forces would increase by 10 %.

Useful Accessories

Blade Arm	Weight	8.6 lbs / 3.9 kg
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Chain Set KSV 11/80	Weight	29.3 lbs / 13.3
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Adjustable Handle



Approved:  **DIN EN 13204**
NFS · NFPA

Power Units

CP 100
GO-3T / GO-2 L / GW-2L / GS-2L
DO-1R
Motor pumps, Series 6
TRIMO