

LUKAS® LS 301 EN

High-Performance Cutter

High performance cutting tool with wide blade opening.

Designed for extreme rescue operations. High cutting forces and minimum weight of less than 31 lbs / 14 kg.

Recommended Applications:

- ✓ Rescue operations in traffic accidents within road-, railroad-, aircraft-, naval disasters
- ✓ Cutting of metal constructions, vehicle parts, pipes, profiled carbon steel and plates etc.
- ✓ Natural disasters and building collapses
- ✓ Cuts all known side-impact bars

Highlights:

- ✓ Very high cutting performance
- ✓ The ergonomically designed blades pull the material towards the center of motion, where cutting forces are the highest
- ✓ Easy operation through minimum weight
- ✓ Precise operation with your finger tips in any position
- ✓ Fast opening and closing speeds up the rescue
- ✓ Operators safety features – all moving mechanical parts are covered
- ✓ Regrindable blades
- ✓ Tool fully balanced



Blade opening
6 in. / 150 mm

Round bar \varnothing 1.2 in. / 30 mm



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Technical Data

Cutting Force	86,550 lbs / 385 kN
Round steel material up to dia*	1.2 in. / 30 mm
Blade opening	6 in. / 150 mm
Oil requirement	5.9 cu. in. / 98 cm ³
Dimensions: l x w x h	27.7 x 7.9 x 6.4 in. 705 x 201 x 163 mm
Weight	31 lbs / 13.9 kg

* Average hardness of round stock material 400...550 MPa

LUKAS Hydraulic Pumps are set to a system pressure of 630 bar. Acc. to DIN and prEN 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

Cutter blades	Weight	5.9 lbs / 2.7 kg
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Power Units

CP 100
GW-4TB
GO-3T / GO-2 L / GW-2L / GS-2L
DO-1R
Motor pumps, Series 6
TRIMO

Approved:  **DIN/TÜV · NFS · NFPA · prEN**