

# LUKAS® LSP 40 EN

## Multifunction Spreader

**Through its unsurpassed versatility the LUKAS universal spreader for all rescue units.**

With patented multi-function tips for four types of application: spreading, peeling, pulling and squeezing.

**The strongest and lightest tool in its class.**

### Recommended applications:

Especially suitable for rescue in traffic accidents and accidents in buildings

- ✓ Moving and lifting of obstacles
- ✓ Opening doors and deforming of metal structures
- ✓ Making man-holes in metal walls
- ✓ Pulling obstacles out of the way
- ✓ Closing pipes



### Highlights:

- ✓ Spreading distance 720 mm makes man-holes in one step
- ✓ Precise operation with your fingertips in any position
- ✓ Limited angle of spreader arm opening for safe operation
- ✓ Fast opening and closing speeds up the rescue
- ✓ Operator safety features - all moving mechanical parts are covered
- ✓ Tool fully balanced
- ✓ Spreading and peeling without changing of tips
- ✓ Pulling with LUKAS Quick-adjust chain set (accessories)
- ✓ Closing pipes with LUKAS Squeezing attachment (accessories)



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### Technical Data

Spreading force up to	51,700 lbs / 230 kN
Spreading distance	28.3 in. / 720 mm
Squeezing force (with squeezing attachment) up to	24,700 lbs / 110 kN
Pulling distance up to	24.5 in. / 622 mm
Pulling force up to	10,350 lbs / 46 kN
Oil requirement	14.8 cu. in. / 243 cm <sup>3</sup>
Dimensions: l x w x h	31.1 x 13 x 7 in. 790 x 330 x 180 mm
Weight	43.2 lbs / 19.6 kg

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

Chain Set KSV 11	Weight	29.3 lbs / 13.3 kg
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Quick-adjust Chain Set KSS 20	Weight	28.7 lbs / 13.0 kg
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Spreader Tip	Weight	2.4 lbs / 1.1 kg
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Squeezing Attachment	Weight	2.6 lbs / 1.2 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