

LUKAS® Fi-Series

Insulated LUKAS Rescue Tools for hybrid vehicles

High-performance rescue tools with unique current insulation for rescue work after road traffic accidents. Especially developed for working on hybrid cars with additional high-voltage electric motor. They provide extra safety when cutting charged parts of all kind – of course only within the permissible limits.

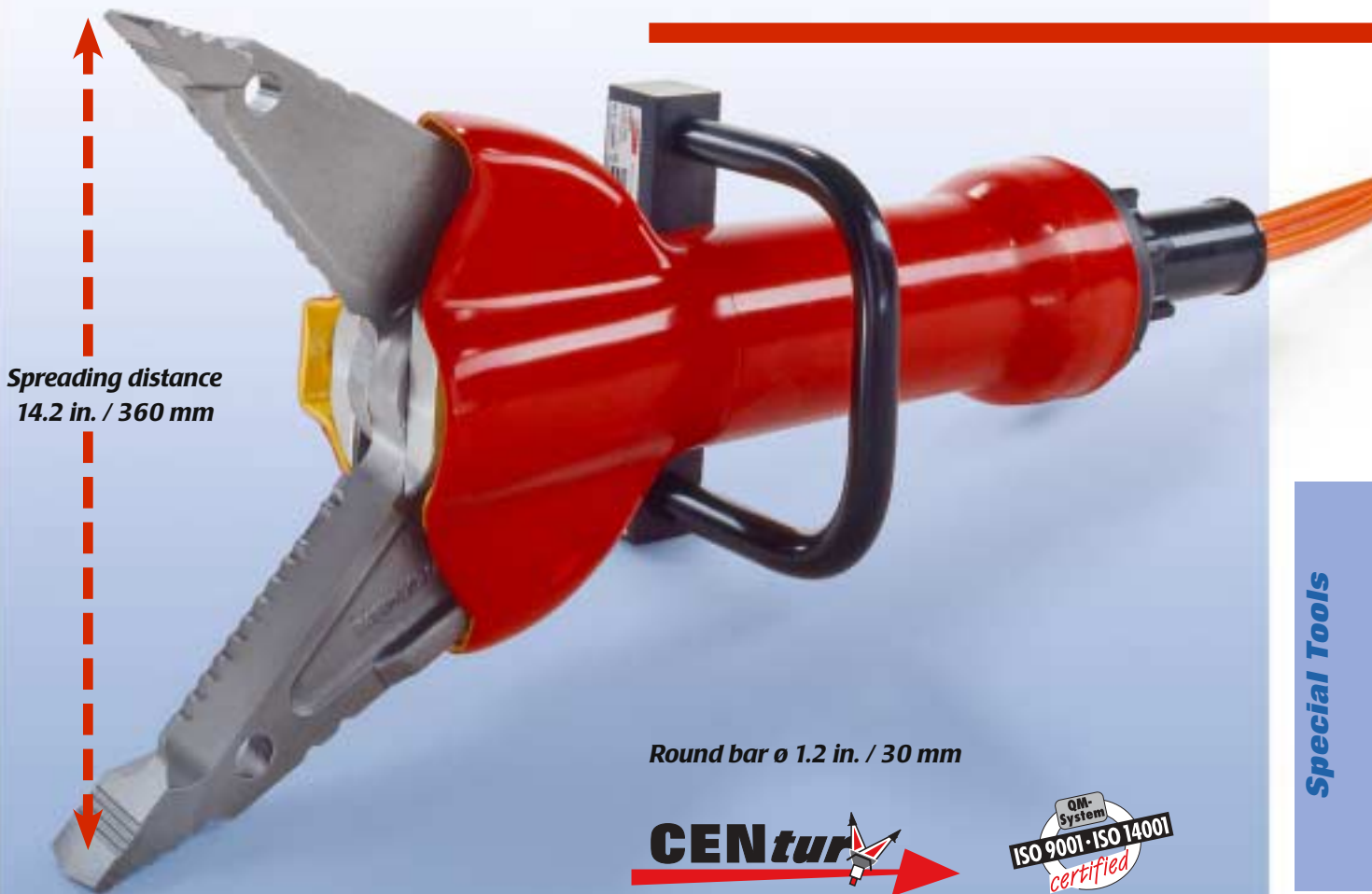
Recommended applications:

- ✓ road traffic accidents, even accidents where hybrid cars are involved
- ✓ cutting of charged parts e. g. in buildings or on sea vessels
- ✓ rescue work after natural catastrophies
- ✓ cutting of metal constructions, vehicle parts, tubes, profiles etc.
- ✓ cutting work in power plants

Highlights:

- ✓ the tools are safe for a object voltage of 1500 V DC or 1000 V AC (safety factor 1:10 is certified by LGA, the most prominent German safety institute)
- ✓ eventually dangerous damage of the insulation boot can easily be checked visually: a yellow layer becomes visible
- ✓ tools equipped with non-conductive hydraulic hoses (3 m long)
- ✓ plastic capsules for protection of the couplings
- ✓ operators safety features – all moving mechanical parts are covered and insulated
- ✓ regrindable blades
- ✓ easy operation through minimum weight and compact design
- ✓ precise operation with your finger tips in any position

LKS 35 Fi



Spreading distance
14.2 in. / 360 mm

Round bar \varnothing 1.2 in. / 30 mm

CENtur

QM-System
ISO 9001 - ISO 14001
certified

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Technical Data

Cutter LS 330 Fi

Cutting force up to	99,000 lbs / 440 kN
Round steel material up to dia*	1.2 in. / 30 mm
Blade opening	9 in. / 228 mm
Oil requirement	4.6 cu. in. / 78 cm ³
Dimensions: l x w x h	28.9 x 8.3 x 7.7 in. 733 x 210 x 195 mm
Weight	39 lbs / 17.6 kg

Combital LKS 35 Fi

Cutting force up to	78,680 lbs / 350 kN
Round steel material up to dia*	1.2 in. / 30 mm
Spreading force up to	20,900 lbs / 93 kN
Spreading distance	14.2 in. / 360 mm
Oil requirement	4.6 cu. in. / 75 cm ³
Dimensions: l x w x h	30 x 8.3 x 7.7 in. 762 x 210 x 195 mm
Weight	37.5 lbs / 17 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 for LS 330 Fi	Weight	6.8 lbs / 3.1 kg
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Blade arms for LKS 35 Fi	Weight	5 lbs / 2.3 kg
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LS 330 Fi



LKS 35 Fi

Power Units

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