

LUKAS® LTR 3,5/820EN

Triple Telescopic Ram

Still World's Only Triple Rescue Ram

The weight of the LTR 3,5/820 EN CENTury version has been reduced to less than 18 kg. With its push capacity of 24 t in the first stage and 12 t in the second stage this ram is capable of carrying out even heaviest rescue works.

Due to the telescopic design a stroke of 820 mm can be achieved while the retracted height is 480 mm only. This enormous working range allows to do rescue jobs in one step which would normally require the application of several traditional rams one after the other. Thus the duration of the extrication can be considerably reduced.

Recommended applications:

- ✓ Road traffic, railroad, aircraft, naval accidents
- ✓ Building rescue and disaster management
- ✓ Moving obstacles, lifting loads, creating man-holes and stabilizing

Highlights:

- ✓ small dimensions, light weight
- ✓ high resistance against lateral load
- ✓ precise control to the millimeter in any position with the LUKAS star grip valve
- ✓ Professional telescopic technology of world's largest rescue tools' manufacturer
- ✓ The claw and the special designed foot of the cylinder are providing a firm grip even on flat or oblique surfaces.
- ✓ The LTR 3,5/820 EN – excellent performance and technology for the future.



Rescue Rams



Triple Telescopic Ram

Technical Data

Total stroke		32.2 in. / 820 mm
Strokes:	piston 1	11.6 in. / 295 mm
	piston 2	11 in. / 280 mm
	piston 3	9.6 in. / 245 mm
Lifting forces:	piston 1	53,950 lbs / 240 kN
	piston 2	27,000 lbs / 120 kN
	piston 3	7,900 lbs / 35 kN
Length:	extended	51.3 in. / 1305 mm
	retracted	18.9 in. / 480 mm
Oil requirement		92.4 cu. in. / 1514 cm ³
Dimensions:	w x d	8.3 x 4.4 in. / 210 x 112 mm
Weight		38.6 lbs / 17.5 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 %.

Power Units

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

Useful Accessories

Ram Support LRS 120	Weight	20.7 lbs / 9.4 kg
Ram Support LRS-C	Weight	15.5 lbs / 7 kg
Ram Attachment Set	Weight	20.3 lbs / 9.2 kg



LRS 120



LRS-C



Ram Attachment Set

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