Manual Hydraulic Lifting Units

Three series. The right solution for your design.

Pump, cylinder and reservoir in one compact unit.
Manually operated and self-contained - no electricity required.

Optional: H1 oil for food-sector applications (incidental food contact).



L016

Long stroke. Few pump strokes.

Push force
Up to 6 kN

Stroke
100-500 mm

For long adjustment travel with relatively low force requirements.

L018

Low starting height. Long stroke.

Push force
Up to 6 kN

Stroke
100-500 mm

For designs requiring a short installation length and low starting position.

L022

High force. Compact design.

Push force
Up to 12 kN

Stroke
150–500 mm*

For applications requiring higher push forces.

Typical applications **Lift and tilt tables, medical equipment and special machinery. Foot pedals are** available as optional accessories.

Three questions to select the right variant

What push force is required? What stroke is needed?
What installation space and starting height are available?

Enquire about your hydraulic lifting unit

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www.lupold.de · Product comparison and details online

* L022: Stroke up to 500 mm on request. Data and equipment depend on the variant; maximum values cannot be combined in every variant. Source: Lupold product comparison · As of 16 November 2026.

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Available Variants

Published variants and accessories at a glance

L016 | Long stroke with few pump strokes

Item	Stroke [mm]	Fmax [kN]	Length[1] [mm]	Rod Ø [mm]	Thread	Version
L016V1	300	3.0	485	15	M8	Standard
L016V2	300	6.0	485	20	M10	Standard
L016V3	200	3.5	385	15	M8	On request
L016V4	200	6.0	385	20	M10	On request
L016V5	500	2.5	685	15	M8	On request
L016V6	500	5.0	685	20	M10	On request
L016V7	400	1.0	585	15	M8	On request
L016V8	400	5.0	585	20	M10	On request
L016V9[2]	100	Custom[2]	336	15	M8	Standard
L016V10[3]	150	6.5[3]	325	20	M10	On request
L016V11[4]	300	3.0	485	15	M8	On request
L016V12	350	6.0	535	20	M10	On request

L018 | Long stroke with a low starting height

Item	Stroke [mm]	Fmax [kN]	Length[1] [mm]	Rod Ø [mm]	Thread	Version
L018V2	300	6.0	389	20	M10	Standard
L018V4	200	6.0	289	20	M10	Standard
L018V5	150	6.0	239	20	M10	On request
L018V7	400	6.0	489	20	M10	On request
L018V9	300	3.0	389	15	M8	On request
L018V12	350	3.5	517	20	M10	Standard

L022 | High push force

Item	Stroke [mm]	Fmax [kN]	Length[1] [mm]	Rod Ø [mm]	Thread	Version
L022V1	200	12.0	385	25	M10	Standard
L022V4	500	12.0	685	25	M10	On request
L022V6	150	12.0	335	25	M10	On request

Optional accessories: L016.N - folding foot pedal F2 for L016 / L022.
L018.B - folding foot pedal F1 for L018. L016.Q - short fork with roller (L016).

[1] Overall length as stated on the product page. [2] L016V9: Customer-specified force, with return spring.
[3] L016V10: 6.5 kN according to the variant table (series overview: up to 6 kN).
[4] L016V11: Additional manual lowering valve. All variants: zinc-plated / powder-coated RAL 7016. “Standard” refers to the version; Lead time and availability on request.