

LUKAS® Series 6

High Performance Motor Pumps

With the motor pump series 6 LUKAS set the standard with quality and performance.

The oil filling can be optionally increased up to 7,5 l (458 cu.in.). For alternate use of up to 4 rescue tools at a time (if e.g. two additional ISV valves are connected).

8 different versions are available:

G.-6. (petrol) or P.-6. (electric)

Choice between 2 valve options

- Alternating use of two rescue tools with automatic switch-over (ISV technology) (GW-6, PW-6)
- Simultaneous use of two tools (GS-6, PS-6)

Choice between 2 frame shapes:

Stable standard frame (T) or DIN frame (R)

Advantages:

- ✓ Powerful motors for efficient working under all load conditions
- ✓ Large oil delivery in the low- and high pressure stage shortens opening and closing times
- ✓ Low noise level
- ✓ All units can optionally be equipped with non-interchangeable LUKAS quick couplers

GW-6. and PW-6. with ISV valve technology:

Unique LUKAS Intelligent Selector Valve ISV – simultaneous connection and selected operation of two rescue tools

The Intelligent Selector Valve ISV leads the oil flow automatically to the tool being just in operation. The rescuer can choose between two tools connected to the motor pump as often as necessary. With “ISV” switch-over by hand is no longer required.

An intelligent solution to save time and personnel.



PW-6T

ISV INTELLIGENT SELECTOR VALVE

PW-6R



GW-6T



GW-6R



PS-6T



PS-6R



GS-6T



GS-6R



LUKAS® Series 6

High Performance Motor Pumps

Technical Data

Type	GW-6T (ISV)	GW-6R (ISV)	GS-6T	GS-6R
Motor	4-stroke gasoline engine, 2.6 kW			
Type of frame	Standard	DIN	Standard	DIN
Oil delivery, low-high pressure	287 – 88 cu.in./min 4.7 – 1.45 l/min		2 x 162 – 2 x 50 cu.in./min 2 x 2.65 – 2 x 0.82 l/min	
Capacity of oil reservoir	305 cu.in. / 5 l up to 485 cu.in. / 7.5 l			
Usable oil capacity	232 cu.in. / 3.8 l up to 384.5 cu.in. / 6.3 l			
Dimensions l x w x h	15 x 17.3 x 18.8 in 380 x 440 x 478 mm	19.2 x 17.3 x 18.8 in 488 x 440 x 478 mm	15 x 17.3 x 18.8 in 380 x 440 x 478 mm	19.2 x 17.3 x 18.8 in 488 x 440 x 478 mm
Weight	80 lbs / 36 kg	87 lbs / 39.4 kg	77 lbs / 35 kg	85 lbs / 38.4 kg

Type	PW-6T (ISV)	PW-6R (ISV)	PS-6T	PS-6R
Motor	electric motor 230V / 50 Hz, 1.5 kw *			
Type of frame	Standard	DIN	Standard	DIN
Oil delivery, low-high pressure	268 – 85 cu.in./min / 4.4 – 1.4 l/min		2 x 134 – 2 x 43 cu.in./min / 2 x 2.2 – 2 x 0.7 l/min	
Capacity of oil reservoir	305 cu.in. / 5 l up to 485 cu.in. / 7.5 l			
Usable oil capacity	232 cu.in. / 3.8 l up to 384.5 cu.in. / 6.3 l			
Dimensions: l x w x h	15 x 17.3 x 18.8 in. 380 x 440 x 478 mm	19.2 x 17.3 x 18.8 in. 488 x 440 x 478 mm	15 x 17.3 x 18.8 in. 380 x 440 x 478 mm	19.2 x 17.3 x 18.8 in 488 x 440 x 478 mm
Weight	90 lbs / 40.6 kg	97 lbs / 44 kg	87 lbs / 39.6 kg	95 lbs / 43 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%.

* 110 V 220V/60 Hz upon request

Useful Accessories and samples with optional equipment

Toolholders for motor pumps with DIN frame

A practical solution that allows for a cutter and a spreader to be connected and stored on the power unit for transportation and rapid deployment.



Motor pumps with toolholders and rescue tools



Quick couplings for hydraulic pumps



Motor pumps with toolholders hose reels and rescue tools



Short toolholders for motor pumps with DIN frame, but without hose reel



Long toolholders for motor pumps with DIN frame and hose reel

Carry handles without toolholder function, only for carrying purposes

