

P 650

STRENGTH HAS NEVER BEEN SMARTER.



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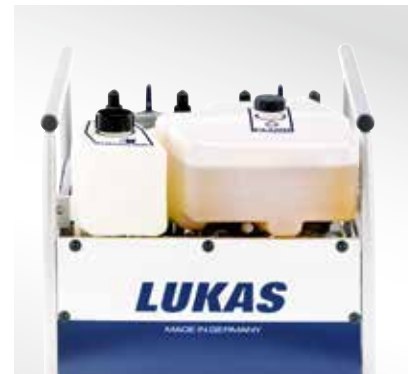


▶ High-performance power units

Your wish was our command: the new P 650 motor pump series provides what fire fighters really want. Our engineers listened very carefully to interviews with fire fighters all over the world and have developed a power unit that meets their demands even better. The P 650 SE has an electric motor and has been developed to operate two tools at the same time.

▶ CONVENIENT OPERATION!

- + All valves accessible from the front
- + Large and well-labelled controls
- + Optimally designed for operation with gloves
- + Tank levels visible from outside



▶ MORE POWER!

- + Running two (Simo Power) or four (4 Power) rescue tools at the same time
- + High-performance engines providing enormous power in any load range
- + Always enough power reserves

▶ WITH TURBO FUNCTION!

Rescue at twice the speed! Every second counts in rescue operations, which is why **LUKAS** has provided its P 650 series with a turbo function. With one hand movement you can double the oil flow to one tool in order to work twice as fast. This feature is particularly valuable for operating rescue rams that call for a large volume of oil.



You have a choice between the following variants:

Drive: Gasoline engine (**G**), or electric motor (**E**).

Valves: **SIMO POWER (S)** – simultaneous operation of two rescue tools
or **4 POWER (4)** – simultaneous operation of four rescue tools

Simo Power	P 650 SG (P 650 SG -DHR 20)	P 650 SE (P 650 SE -DHR 20)
Engine	4-stroke gasoline	230 V electric
Connection	2 tools	2 tools
Operation	2 tools	2 tools
Turbo-Function	included	included
Power	4.2 kW	2.2 kW
Electric starter	included*	-
Max. operating pressure	10,150 psi/700 bar	10,150 psi/700 bar
Flow rate, low pressure – high pressure	2 × 189 - 2 × 55 cu. in./min/ 2 × 3.1 - 2 × 0.9 l/min	2 × 156 - 2 × 43 cu. in./min/ 2 × 2.55 - 2 × 0.7 l/min
Flow rate turbo, low pressure – high pressure	1 × 369 - 1 × 103 cu. in./min/ 1 × 6.05 - 1 × 1.7 l/min	1 × 305 - 1 × 85 cu. in./min/ 1 × 5.0 - 1 × 1.4 l/min
Usable oil quantity	293 cu. in./4.8 l	293 cu. in./4,8 l
Dimensions: l x w x h	19.1 × 17.3 × 17.5 in./ 485 × 440 × 445 mm 31.9 × 17.3 × 24.7 in. (SG -DHR 20)/ 810 × 440 × 627 mm (SG -DHR 20)	19.1 × 17.3 × 17.5 in./ 485 × 440 × 445 mm 31.9 × 17.3 × 24.7 in. (SE -DHR 20)/ 810 × 440 × 627 mm (SE -DHR 20)
Weight	92.6 lbs/42 kg 177.5 lbs/80,5 kg (SG -DHR 20)	90.4 lbs/41 kg 174 lbs/79 kg (SE -DHR 20)
Hose length	2 × 20 m (SG -DHR 20)	2 × 20 m (SE -DHR 20)
Certification	EN 13204; NFPA 1936	EN 13204; NFPA 1936

*optional without electric starter (weight:
SG 80.5 lbs/36.5 kg - SG-DHR 165.4 lbs/75 kg)

WEBCODE: zuwaet/olvewt (SG -DHR 20)

WEBCODE: kowqur/qmyzru (SE -DHR 20)

4 Power	P 650 4G (P 650 4G -DHR 20)	P 650 4E (P 650 4E -DHR 20)
Engine	4-stroke gasoline	400 V electric
Connection	4 tools	4 tools
Operation	4 tools	4 tools
Turbo-Function	2 × Turbo included	2 × Turbo included
Power	5.1 kW	3.5 kW
Electric starter*	included*	-
Max. operating pressure	10,150 psi/700 bar	10,150 psi/700 bar
Flow rate, low pressure – high pressure	4 × 156 - 4 × 43 cu. in./min/ 4 × 2.55 - 4 × 0.7 l/min	4 × 134 - 4 × 37 cu. in./min/ 4 × 2.2 - 4 × 0.6 l/min
Flow rate turbo, low pressure – high pressure	2 × 305 - 2 × 85 cu. in./min/ 2 × 5 - 2 × 1.4 l/min	2 × 262 - 2 × 73 cu. in./min/ 2 × 4.3 - 2 × 1.2 l/min
Usable oil quantity	293 cu. in./4.8 l	293 cu. in./4.8 l
Dimensions: l x w x h	19.1 × 17.3 × 17.5 in./ 485 × 440 × 445 mm 31.9 × 17.3 × 24.7 in. (4G -DHR 20) 810 × 440 × 627 mm (4G -DHR 20)	19.1 × 17.3 × 17.5 in./ 485 × 440 × 445 mm 31.9 × 17.3 × 24.7 in. (4G -DHR 20) 810 × 440 × 627 mm (4G -DHR 20)
Weight	108 lbs/49 kg 199.5 lbs/90.5 kg (4G -DHR 20)	106 lbs/48 kg 198 lbs/90 kg (4G -DHR 20)
Hose length	2 × 20 m (4G -DHR 20)	2 × 20 m (4E -DHR 20)
Certification	EN 13204; NFPA 1936	EN 13204; NFPA 1936

* optional without electric starter
(weight: 4G 96 lbs/43.5 kg - 4G-DHR)

WEBCODE: mapert/bvcuqp (4G -DHR 20)

WEBCODE: knthss/whadbn (4E -DHR 20)



4 Power



4 POWER: POWER FOR FOUR!

4 Power is the first power unit with enough hydraulic power to operate up to four rescue tools at the same time.

Advantages

- + Four times full power
- + Ideal for multiple accidents – enabling you to work on several vehicles at once
- + No additional space needed: same small dimensions as Simo Power
- + Double turbo function: you can operate two tools in turbo mode at the same time, or one with turbo and two others in standard mode.



four tools in use



two tools in turbo mode