

Battery Powered Lightweight Hydraulic Pump

Battery powered hydraulic pump is compact and lightweight, ideal for field applications. High capacity; suitable for operating single acting crimping and cutting tools up to 700bar (10,000psi) pressure.

Features a selector switch for crimping, cutting and punching operations. Hard wearing shock proof housing made of fibreglass reinforced polyamide. Large LED display monitors battery status, pressure reading and counts the number of operations. Supplied with two high-capacity 3Ah, 18V Li-Ion batteries. Automatic retraction, manual retraction where required, 2-stage pump with rapid advance switches to high pressure under load. Supplied with remote control pendant with 1.5m cable stored inside the unit. Data analysis is available via optical interface with USB adapter. Environmentally-friendly, non-conductive hydraulic oil is quickly biodegradable. Please see page E11 for non-conductive hydraulic hoses.

AHP590-LP33 model available where maximum pressure of 590bar (8,500psi) is required for dieless crimping system. AHP700LHP33-HOLD model available with hold function which enables the operator to advance crimp head slowly to grip compression fitting prior to completing crimp.



CAT NO	BATTERY VOLTAGE	BATTERY CAPACITY	AMBIENT TEMPERATURE	MAX OPERATING PRESSURE	MAX OIL VOLUME	DIMENSIONS (L x B x H)	WEIGHT
AHP700-LP33	18V	3.0Ah, Li-Ion	-15° C up to +40° C	700bar (10,000psi)	approx 800ml	330 x 160 x 280mm	6.4kg
AHP590-LP33	18V	3.0Ah, Li-Ion	-15° C up to +40° C	590bar (8,500psi)	approx 800ml	330 x 160 x 280mm	6.4kg
AHP700LHP33-HOLD	18V	3.0Ah, Li-Ion	-15° C up to +40° C	700bar (10,000psi)	approx 800ml	330 x 160 x 280mm	6.4kg



CV5 Heavy Duty Hydraulic Pump

CV5 portable high pressure hydraulic drive pump has a 2 stage hydraulic pump which ensures an extremely fast crimping cycle.

Driven by a 12V DC motor the pump comes complete with leads and crocodile clips to connect to vehicle battery. Crimp tool is advanced/retracted by a push button control unit. The motor automatically cuts out when pressure reaches 10,000psi (700bar).

Hydraulic Intensifier

Small, compact unit, the HB10 is ideal for operating high-pressure remote cutting and crimping heads. Can be easily fitted to power take-off on vehicle. Used with PVA0021 Control Valve.



PVA0021

PVA0021 Control Valve

Used with the HB10 intensifier for controlled advance of high-pressure cutting and crimping tools. Tools can be connected directly to the control valve or used via hose for remote operation.

CAT NO	HB10
INPUT PRESSURE	1000 - 2200psi
OUTPUT PRESSURE	700bar (10,000psi)
WEIGHT	4.7kg
DIMENSIONS	150 x 100 x 100mm
OPERATING FLOW RANGE	15 - 30 lpm



HB10

CAT NO	PVA0021
MAX OPERATING PRESSURE	700bar (10,000psi) return relief
WEIGHT	1.4kg
DIMENSIONS	254 x 50 x 89mm
OPERATING FLOW RANGE	12 - 30 lpm