

HYDRAULIC PUMPS

PO 7000

Foot operated double speed pump, developing a maximum pressure of 700 bar.

The pump is supplied with 3 m long high pressure flexible hose complete with female self-lock quick coupler.

Pressure can be withdrawn at any time during operation by depressing the release lever.

A solid shaped stand gives the pump stability during operation.



Operating pressure bar	Dimensions mm			Weight kg
	length	width	height	
700	680	200	163	9,8

Storage type	Dimensions mm	Weight kg
VAL P21*	820x430xh290	6,74

*Supplied with the pump



CPP-0

The CPP-0 air hydraulic power unit intensifies an air supply of 6-8 bar (87-115 psi) to a power crimping or cutting force of up to 700 bar (10.000 psi) depending upon the input pressure.

The control pedal allows for advancing and pressure release at any stage of the operation.

The unit is provided with a 2 m high pressure flexible hose, including a 3/8" NPT female self-lock quick coupler.



Operating pressure bar	Dimensions mm			Weight kg
	length	width	height	
700	320	150	200	6,8

HYDRAULIC PUMPS

CPE-1

CPE-1-110



Operating pressure bar	Dimensions mm			Weight kg
	length	width	height	
700	372	223	482	21

The pump is supplied with:

- high pressure flexible hose with male and female automatic quick coupler
- remote hand controller
- external supply connection cable

Available as optional accessories:

- Remote foot controller **RCP-B70**.
- Transportation trolley **CS-CPE-1**
- Control handle integrated with 3 m length flex hoses **ERCH-WH**



Electrically driven hydraulic pump, powered by a 230V / 50-60Hz single-phase electric motor. The remote hand controller allows advancement and pressure release on completion of the crimping operation. The mechanically actuated emergency button located on the pump body allows the pressure release at any time in case of power shortage.

Also available **CPE-1-110** version for 110-115V / 50-60Hz. Both models are IP 55 rated.



PORTABLE ELECTRO-HYDRAULIC PUMP

B1300PL

battery operated



New

**NEW
18V Li-Ion
BATTERY**

New portable electro-hydraulic pump B1300PL is battery operated for independent use.

Having the inherent strengths of the Cembre 18V tool range the B1300PL is a compact, lightweight pump suitable for a wide range of applications.

New Li-Ion 18 V 4 Ah batteries offer a high capacity, while improved operating speed results from a revitalised hydraulic system with double speed action.

A security valve assures operator safety.

Designed with improved handling characteristics, B1300PL is easily manageable during the operating process and, by the use of bi-component plastics, has a shell with high resistance to wear and damage.

Rubber grip inserts, low noise and minimal vibration aid operator comfort while additional convenience and safety are provided by LED lighting of the working area.

Pressure can be released at any time using the appropriate button.



**18.0V
4.0Ah
Li-Ion**



Operating pressure bar	Dimensions mm			Weight kg
	length	width	height	
729	354	103	240	4,0

Storage type	Dimensions mm	Weight kg
VAL P51*	690x446x179	5,5

*Supplied with the pump



The B1300PL pump is supplied with:

- 0,9 m flexible hose complete with male + female 3/8" NPT self-lock quick couplers.
- 18.0 V - 4.0 Ah Li-Ion high power battery
- Battery charger
- Shoulder strap
- Plastic carrying case suitable for storing the tool and accessories, type VALP51

PORTABLE ELECTRO-HYDRAULIC PUMP

B68M-P18

battery operated



18.0V
4.0Ah
Li-Ion



Operating pressure bar	Dimensions mm			Weight kg
	length	width	height	
729	364	186	236	5,6

Storage type	Dimensions mm	Weight kg
Canvas bag Q31*	580x300x320	2,23

*Supplied with the pump



The B68M-P18 pump is supplied with:

- Remote control provides LED working lights and an OLED display
- 2 m flexible hose complete with rotatable Q14-F quick coupler on the pump and female 3/8" NPT self-lock quick couplers
- 18.0 V - 4.0 Ah Li-Ion high power battery (2 pcs.)
- Canvas bag suitable for storing the tool and accessories
- Battery charger
- Shoulder strap



Example of operating informations on OLED display:



Operating mode



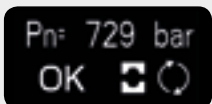
Battery level



Release mode



No. of cycles



Pressure mode



Motor temperature

New portable electro-hydraulic pump B68M-P18 is battery operated for independent use.

Having the inherent strengths of the Cembre 18V tool range, the B68M-P18 is a lightweight high capacity pump equipped with an innovative remote control suitable for a wide range of applications.

New Li-Ion 18V 4 Ah batteries offer a high capacity, while improved operating speed results from a revitalised hydraulic system with double speed action.

A maximum pressure sensor assures greater precision and repeatability of the pressure cycle, while a security valve doubles the provision for operator safety.

The unit has a manual pressure release button in case of emergency. Easy access to the oil reservoir is by means of an oil top-up inlet.

The innovative remote control provides LED working lights and an OLED display of essential real time tool operating information including:

- Operating mode selection
- Release mode selection: Smart release, manual release
- Minimum set pressure and momentary pressure reached expressed in bar allows verification of correct operation
- Battery charge level
- No. of cycles performed
- No. of cycles before scheduled recommended maintenance
- Motor temperature

Designed with improved handling characteristics, B68M-P18 is easily manageable during the operating process and has a fibreglass-plastic shell with high resistance to wear and damage.

The pump features a rubber pocket to store and protect the remote control.

Low noise levels aid operator comfort while additional convenience and safety are provided by LED lighting on the remote control.

Selecting the SMART release mode on the OLED display allows the operating pressure to be maintained until the operating button is released, thus allowing the operator to make a visual check of, say, the crimped connection.

Releasing the button then automatically releases the pressure.

Crimping cycle data (up to 200,000 events) is automatically stored on a memory card for transfer to PC by USB interface located under the battery.

PORTABLE ELECTRO-HYDRAULIC PUMPS B70M-P24 RANGE

BATTERY OPERATED

Easily accessible oil top-up inlet



Remote electrical hand or foot controller connection (not KV version)



Remote pneumatic hand controller connection (KV version only)



24V dc external power supply socket with protective cap

**24V
3.1Ah
Ni-MH**



Powerful 24V Ni-MH rechargeable battery



Battery residual power level display



Manual pressure release button



High pressure hose connects to automatic self-lock quick coupling with protective cap

Variably supplied with different versions:



HYDRAULIC PUMPS

B70M-P24



Operating pressure bar	Dimensions mm			Weight kg
	length	width	height	
700	390	163	323	9,2*

*without accessories



B70M-P24

- 1 Portable electro-hydraulic pump, 24V dc battery for independent use, developing 700 bar pressure; equipped with an integral socket for connection to an external 24 V dc supply
- 2 **BH2433** Battery 24V dc 3.1Ah
- 3 **DC24** External battery charger
- 4 Shoulder strap
- 5 Canvas holdall for carrying accessories
- 6 3 m flexible hose complete with male + female 3/8" NPT self-lock quick couplers
- 7 **ERCH** Remote control



Operating pressure bar	Dimensions mm			Weight kg
	length	width	height	
700	390	163	323	9,2*

*without accessories



B70M-P24-CH

B70M-P24-CH

- 1 Portable electro-hydraulic pump, 24V dc battery for independent use, developing 700 bar pressure; equipped with an integral socket for connection to an external 24 V dc supply
- 2 **BH2433** Battery 24V dc 3.1Ah
- 3 **DC24** External battery charger
- 4 Shoulder strap
- 5 Canvas holdall for carrying accessories
- 6 **ERCH-WH** Remote hand controller integrated with 3 m length flexible hose complete with male + female 3/8" NPT self-lock quick couplers



Operating pressure bar	Dimensions mm			Weight kg
	length	width	height	
700	390	163	323	9,2*

*without accessories



B70M-P24-KV

B70M-P24-KV

- 1 Portable electro-hydraulic pump, 24V dc battery for independent use. Equipped with high dielectric insulated oil and automatic "insulated" lock quick coupler to allow connection only with insulated hoses.
- 2 **BH2433** Battery 24V dc 3.1Ah.
- 3 **DC24** External battery charger.
- 4 Shoulder strap
- 5 Canvas holdall for carrying accessories.
- 6 **PRCH** Remote pneumatic hand controller

Insulated heads suitable for use with this pump are generally supplied complete with high pressure insulated hoses; if necessary the hose can be purchased separately.

ACCESSORIES FOR B70M-P24

ESC 300CEE
CONNECTING CABLE WITH 24V dc CEE TYPE PLUG
(for power from an external source, length 3 meters)



ESC 600
CONNECTING CABLE WITH CROCODILE CLIPS
(for power from an external source, length 6 meters)



BPS 230.24
network power supply (not for intensive use)
INPUT 230V ac 50-60Hz; OUTPUT 24V dc
thermal and short circuit protection.
Current supply: up to 4A extended use;
18A for 50 s; 25A for 8 s.

EPS 115-230.24
network power supply
SUPPLY IN: 110/240V
ac autorange
50-60Hz; 700W
SUPPLY OUT: 24V dc; 30A max



ERCH-WH
Remote hand controller
integrated with 3 m
length flexible hose



Operating
push-button



Pressure release button

TRS-B70
CANVAS RUCKSACK
(for carrying the pump)



SH-B70
HOOK
(for hanging the pump
from a ladder)



VAL-P18
Durable transport
case for pump and
accessories.



RCP-B70
PORTABLE REMOTE
FOOT CONTROL



HYDRAULIC UNITS

(pump PO 7000 + head RHC 131)

Crimping force kN	Dimensions pump mm	Dimensions head mm	Weight kg
130	680x200xh163	232x124	13,6

MAIN APPLICATIONS - max section mm²

L.V. lugs and splices	Insulated terminals	"C" sleeve connectors	H.V. lugs and splices
400	240	185	400

Storage type	Dimensions mm	Weight kg
VAL P21*	820x430xh290	6,74

*Supplied with the unit, suitable for storage of 24 semi-circular slotted dies



Hydraulic units are obtained by combining the double stage hydraulic foot pump with the various hydraulic press heads featured on previous

pages. The use of the double speed pump considerably reduces operating time.

CP 1131



(pump PO 7000 + head RHU 131-C)

Crimping force kN	Dimensions pump mm	Dimensions head mm	Weight kg
130	680x200xh163	245x89	13,5

MAIN APPLICATIONS - max section mm²

L.V. lugs and splices	Insulated terminals	"C" sleeve connectors	H.V. lugs and splices	Alu lugs and splices
400	240	185	400	300

Storage type	Dimensions mm	Weight kg
VAL P21*	820x430xh290	6,74

*Supplied with the unit, suitable for storage of 24 semi-circular slotted dies and accessories for crimping Aluminium connectors



CPU 1131-C



CPU 1230-3D

(pump PO 7000 + head ECW-H3D)

Crimping force kN	Dimensions pump mm	Dimensions head mm	Weight kg
230	680x200xh163	290x120	15,3

MAIN APPLICATIONS - max section mm²

L.V. lugs and splices	Insulated terminals	"C" sleeve connectors	H.V. lugs and splices
630	300	240	630

Storage type	Dimensions mm	Weight kg
VAL P21*	820x430xh290	6,74

*Supplied with the unit, suitable for storage of 24 semi-circular slotted dies and adaptors and dies specific for head ECW-H3D

