



HYDRAULIC PUMPS AND UNITS

PO7000



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 Pressure can be withdrawn at any time during operation by depressing the release lever.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

HYDRAULIC PUMP

foot operated

TECHNICAL FEATURES

Operating pressure bar	700
Dimensions mm	
Length	680
width	200
Height	163
Weight kg	9,8

STORAGE

Type	VAL-P21
Dimensions mm L x W x H	820 x 430 x 290
Weight kg	6,74
Supplied with the pump	✓
Purchase separately	-



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.

HYDRAULIC PUMP

foot operated

TECHNICAL FEATURES

Operating pressure bar	700
Dimensions mm	
Length	320
width	150
Height	200
Weight kg	6,8



HYDRAULIC PUMP

powered by single-phase electric motor

CPE-1 CPE-1-110

TECHNICAL FEATURES

Operating pressure bar	700
Dimensions mm	
Length	372
width	223
Height	482
Weight kg	21

The pump is supplied with:

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



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.

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

ERCH-WH



RCP-B70



CS-CPE-1



B1300PL

PORTABLE ELECTRO-HYDRAULIC PUMP

battery operated



TECHNICAL FEATURES	
Operating pressure bar	729
Dimensions mm	
Length	354
width	103
Height	240
Battery	18.0V 4.0Ah
Weight kg (with Battery)	4,0

STORAGE	
Type	VAL-P51
Dimensions mm L x W x H	690 x 446 x 179
Weight kg	5,5
Supplied with the pump	✓
Purchase separately	-



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 18V 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.

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

APPLICATION RANGE		
Crimping	Cutting	Punching
up to 130 kN	up to TC 050	RH-FL75 RH-FC48N

PORTABLE ELECTRO-HYDRAULIC PUMP

battery operated

TECHNICAL FEATURES

Operating pressure bar	729
Dimensions mm	
Length	364
width	186
Height	236
Battery	18.0V 4.0Ah
Weight kg (with Battery)	5,6

STORAGE

Type	CVB-031
Dimensions mm L x W x H	580 x 300 x 320
Weight kg	2,23
Supplied with the pump	✓
Purchase separately	-



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



APPLICATION RANGE

Crimping	Cutting	Punching
up to 230 kN	up to TC 120	RH-FL75 RH-FC48N

Example of operating information on OLED display:



Operating mode



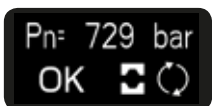
Battery level



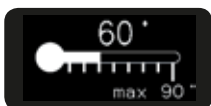
Release mode



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.

B68M-P18



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

- 700 bar
- 24V 3.1Ah
- Ni-MH
- SPEED
- 24 VCC INPUT
- BATTERY DISPLAY
- ONE HAND
- MAX PRESSURE
- RELEASE
- SILENT
- SMOOTH
- ERGONOMIC
- BALANCED
- ENERGY SAVE
- DURABLE
- 15°C to +50°C
- CE

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



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



Powerful 24V Ni-MH rechargeable battery

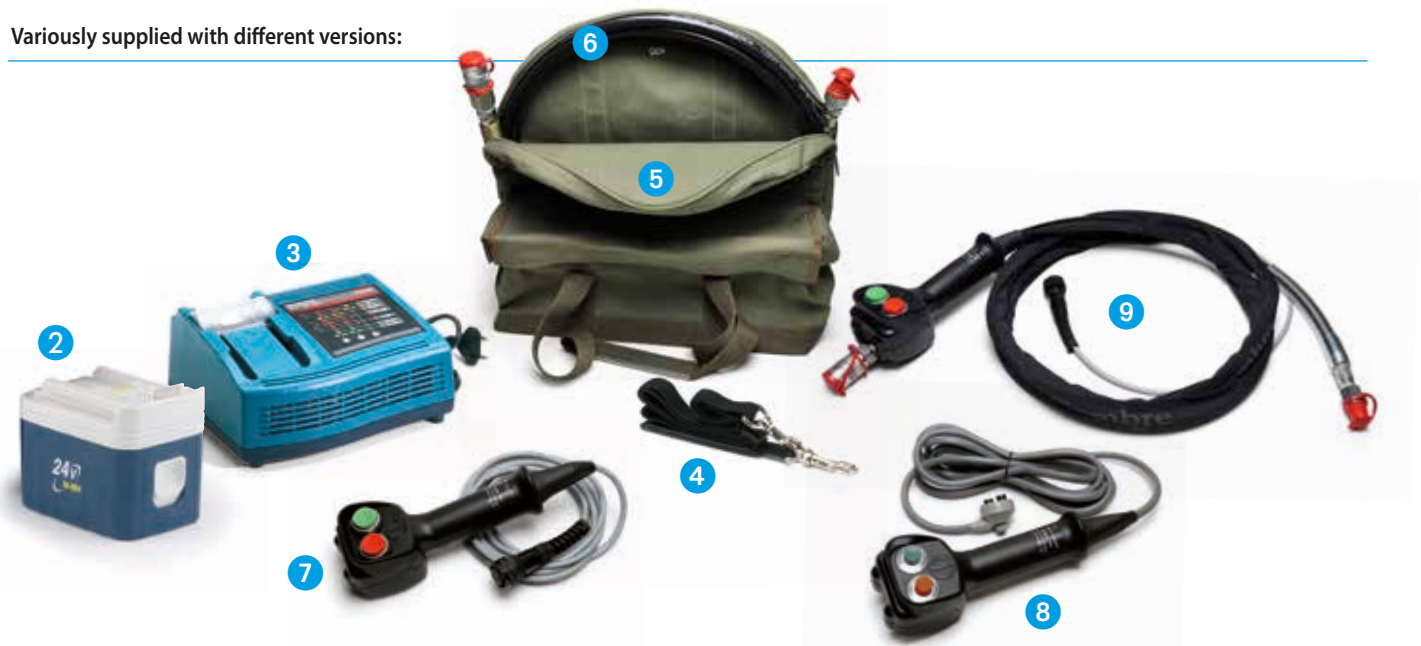


Battery residual power level display



Manual pressure release button

Variably supplied with different versions:



PORTABLE ELECTRO-HYDRAULIC PUMPS

battery operated

TECHNICAL FEATURES

Operating pressure bar	700
Dimensions mm	
Length	390
width	163
Height	323
Battery	24V 3.1Ah
Weight kg (with Battery)	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

B70M-P24-CH

TECHNICAL FEATURES

Operating pressure bar	700
Dimensions mm	
Length	390
width	163
Height	323
Battery	24V 3.1Ah
Weight kg (with Battery)	9,2*

*without accessories



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
- 9 ERCH-WH Remote hand controller integrated with 3 m length flexible hose complete with male + female 3/8" NPT self-lock quick couplers

B70M-P24-KV

TECHNICAL FEATURES

Operating pressure bar	700
Dimensions mm	
Length	390
width	163
Height	323
Battery	24V 3.1Ah
Weight kg (with Battery)	9,2*

*without accessories



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
- 8 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

purchase separately

ESC300CEE

Connecting cable with 24V dc CEE type plug (for power from an external source, length 3 meters)



ESC600

Connecting cable with crocodile clips (for power from an external source, length 6 meters)



BPS230.24

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.



EPS115-230.24

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)



VAL-P18

Durable transport case for pump and
accessories.



SH-B70

Hook for hanging the pump
from a ladder



RCP-B70

Portable remote foot control

