

Hydraulic foot pump

P4000



P4000

Elpress hydraulic footpump.

Particulars:

- unique design in high tensile aluminium alloy
- standard setting 630 bar (max setting to 700 bar)
- safety valve for relief at all pressures
- a pressure gauge can be attached to indicate working pressure
- ergonomic design
- high finish anodised surface - easy to keep clean
- high efficiency two-step oil flow
- simple foot operated off-loading (piston return) after automatic stop at full pressure
- robust and stable to work with
- practical storage position for hose
- supplied in steel reinforced plywood storage and carrying box
- low weight, 8.6 kg, incl. 2.2 m hose
- dimensions (hose not included) 560 x 180 x 205 mm

Mains powered pump for industrial use

The pump operates all Elpress crimp heads.

P1000

P1000 is a secure, lean produced 2-step pump as an economical alternative for industrial use where simplicity and reliability is required. The pump is supplied with Elpress safety hose with quick coupling. The robust although light weight design allows intensive use in most cases. The pump is CE-approved.

P1000



Particulars:

- function Self holding pressure during crimp cycle, automatic return after completed crimp
- hydraulic pressure: Working range 0-63 (70) MPa, adjustable
- hydraulic flow: Low pressure (up to 1.5 MPa) approx. 0.8 l/min, High pressure (more than 1,5 MPa) 0.2 l/min
- oil volume 2 l (usable 1,8 l)
- oil hydraulic oil ISOVG32
- mains connection 230 V AC 50/60 Hz
- allowable voltage fluctuation: Rated voltage $\pm 5\%$
- electric motor 0.25 kW, Class E insulation, open type commutated motor 230 V, 50/60 Hz single-phase, Max. current: 2.8 A (5 min.)
- protection class IP20
- environment temperatures 0 - 40°C
- CE-approved: Machine safety 98/37/CE, LVD 73/23/EEC
- hydraulic hose 2.4 m, quick coupling, manoeuvre handle 12 V AC
- mains cord 1.5 m earth plug
- weight 15 kg (incl. hose)
- measures, w x d x h approx. 250 x 150 x 384 mm (excl. hose)

Light weight and handy pump designed according to customer request

PS710

PS710 is a hydraulic battery / mains powered pump for crimping with advanced control and supervision of the crimp procedure. It is equipped with a flexible system for almost all crimp applications where high performance and reliability is required. The pump is suitable for cable harness manufacturing as well as for electricians working with utility, installation or service work. PS710 has power source for every kind of crimping work.



Technical data:

- possible to use different working pressures, 0 to 700 Bar.
- PC software, Analyzer, for crimp analysis and quality process integration
- can be used with a PC in a data network with a printer
- oil flow at 20 bar: 0.6 litre/min (PS710D 1.2 litre/min)
- oil volume: 1.0 litre
- oil type: HYDREX MV 22 (hydraulic oil, mineral type) or similar
- mains power 100-240 VAC 50-60 Hz
- Li-ion battery 28.8 V, 3.0 Ah
- crimps/battery charge: 120 crimps with Cu 150 mm²
- charger 230 VAC 50 Hz, 10.8-28.8 V, charging time 65 min
- protection class IP54
- ambient temperature - 15 to 40 °C
- CE-approved: Machine safety 98/37/EG, Electro magnetic compatibility 2004/108/EG, Low voltage directive 73/23/EEG, ROHS 2002/95/EC, WEEE 2002/96/EC
- weight approx. 11 kg
- small dimensions 370x250x160 mm

The pump system consists of three basic versions, all with customizing possibilities;

PS710D

For the cable harness manufacturer.



Technical data:

- unique electronic system together with a special PC-software
- process control and analysis, SPC – each crimp can be traced
- communication to PC in real-time, immediate quality check
- integrated communication through CAN with Elpress CS2500 unit
- high flow hydraulic pump for fastest crimping movement
- can be used with a PC in a data-network with a printer
- to be used with crimp station CS2500

PS710E

For the installer working in the distribution network or in the industry.



Technical data:

- small size and low weight make it easy to use in every situation
- highest performance both with Li-ion battery 28.8 V and mains power
- display with keypad for full pump status information to operator
- possibility to have crimps stored in control system
- PC communication with USB
- to be used with crimp head system 1300, 250 or 1470

PS710R

For the user asking for standard solutions (without need of crimp traceability).



Technical data:

- pump control without electronic system, relayed controlled
- easy equipped without data communication
- without battery
- to be used with crimp head system 1300, 250 or 1470

Standard solutions:

PS710E251 *

Included:

- pump E-version
- mains cable (for EU)
- hydraulic hose 2.5 m
- battery
- charger
- strap

PS710E501 *

Included:

- pump E-version
- mains cable (for EU)
- hydraulic hose 5.0 m
- battery
- charger
- strap

PS710R250 *

Included:

- pump R-version
- mains cable (for EU)
- hydraulic hose 2.5 m
- strap

* for customers outside EU-countries, please contact Elpress