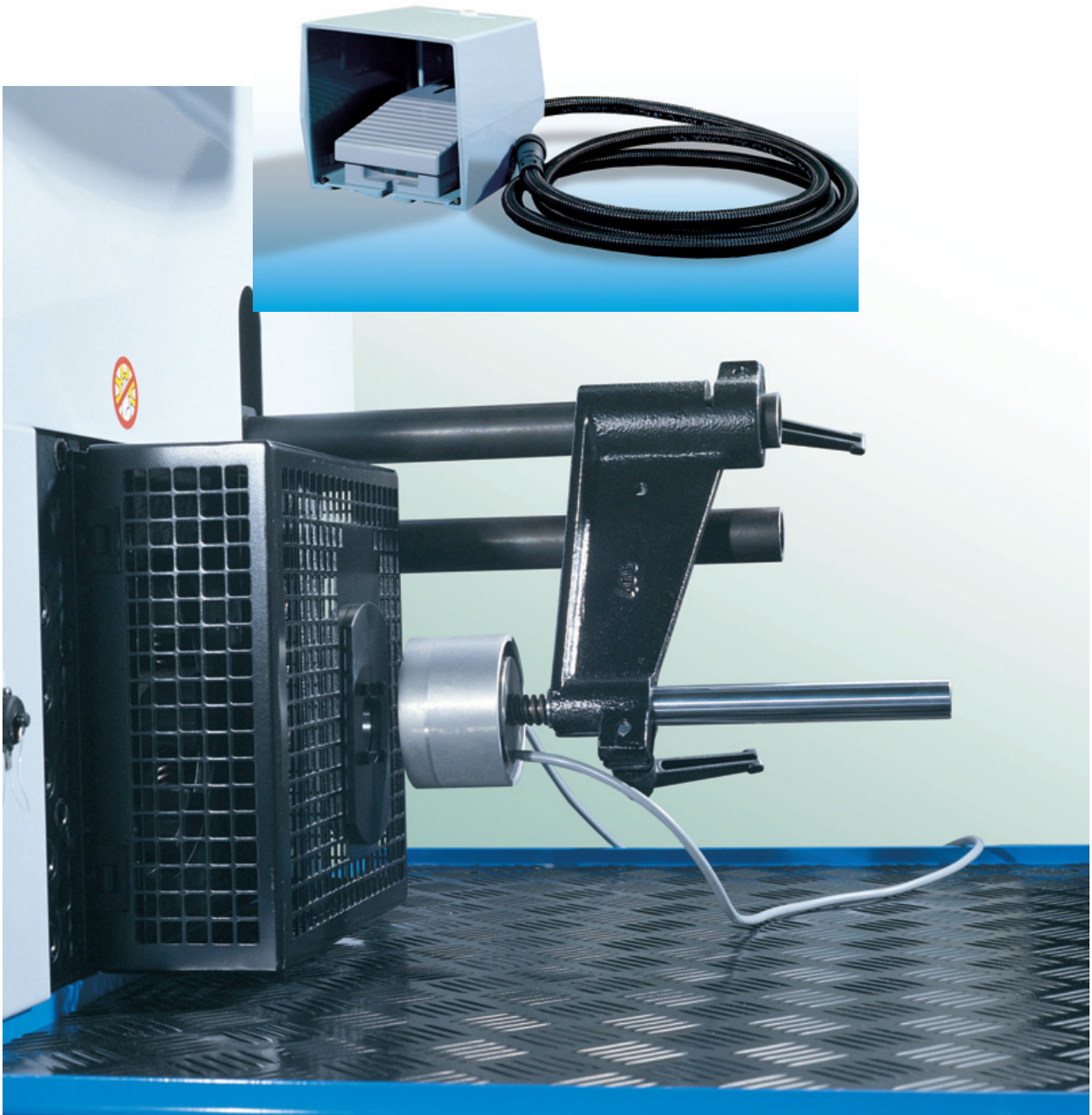


FINN-POWER

OPTIONS

NUMEROUS WAYS TO MAKE
YOUR PRODUCTION MORE
EFFICIENT AND FLEXIBLE



FINN-POWER provides crimping capacity for most varied applications and production types. To ensure that specific application requirements are met, alternative options are available. With these numerous options Finn-Power crimping machines are easier to use and your production becomes more efficient and more flexible.

As the Finn-Power crimping machines, all the options have been designed to facilitate operator's work in accordance with safety regulations.

C1 CONTROL UNIT

Finn-Power C1 control unit has a short control arm. Two different adjusting levers allow the control unit to be adjusted for operator's convenience. This feature is optional for all FP models. Standard on machines mentioned in the datatable.



C2 CONTROL UNIT

Finn-Power C2 control unit is equipped with a long control arm for more ergonomic use even when using auxiliary equipment. With the C2 option the control can be located in almost any position around the machine. Two different adjusting levers allow the control unit to be adjusted for operator's convenience. Standard on machines mentioned in the datatable.



QUICK CHANGE TOOL

The QC-Tool system allows fast and easy die change for most Finn-Power machine models. Once a crimping head is fully closed, the QC-Tool is inserted into the die set. As the crimping head is opened, the die set remains on the tool and is then stored as a complete set. The next set of dies is loaded onto the tool and into the machine in the same way.



QC-TOOL BASE

The Quick Change Tool Base provides a safe and easy storage place for dies. In addition to the die storage, QC-Tool Base serves as a stand for Finn-Power benchtop models. QC-Tool is included.



DIE SET RACK

The stand-alone Die Set Rack provides a convenient storage place for dies wherever you have available space. The Die Set Rack is intended for wall mounting and can also be placed on the floor or on the table. QC-Tool is included.



MIRROR

The mirror helps operator to see behind the crimping head while operating. This makes it easier to position the part inside the crimping head.



FOOT PEDAL

An ergonomic foot pedal frees both of your hands for holding large or heavy assemblies. The foot pedal also enables using the crimper from the side and is commonly used in serial production.



BACKSTOP DEVICE

The backstop device is available in electrical or mechanical version. The mechanical backstop device is for piece positioning only. The electrical backstop device is for piece positioning plus it activates the crimping cycle at the same time.



FREQUENCY CONVERTER

Finn-Power frequency converter option enables to adjust the speed of the machine. The option is ideal when crimping connectors or materials which need slower crimping speed to enable better material deformation.

TWO HANDED OPERATION PANEL

With Finn-Power two handed operation panel -option, machine will be operated by pressing two buttons simultaneously. This feature ensures the maximum safety.



REMOTIC

Remotic - remote control unit allows the crimping machine to be used outside from the main operating area. This feature facilitates the positioning of the assemblies and makes it easier to handle large and heavy parts.



AUTO GREASING SYSTEM

The automatic greasing system, AGS, ensures the master dies of the crimping machine stay greased even in the most demanding production environment. This system along with a regular maintenance program will provide the machine a long life, superior reliability and functionality for machines used in full-scale serial production.



PINNING

Finn-Power's pinning is an internal mandrel which is designed to achieve highly accurate crimping results. The pinning system enables to reach the needed shapes and/or inner measurements.



P1, P2 PRESSURE CONTROLS

Pressure control option enables crimping according to pressure instead of diameter. Pressure control is ideal when parts with large tolerances or sensitive materials need to be crimped. With having two separate controls, another can be used as a backup system. P1 control is for FP -models and P2 control for P -models.

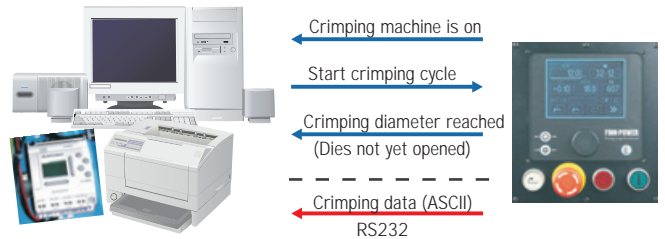


VS PLUS CONTROL

Finn-Power VS Plus control has three main functions:

- 1) enables VS control to communicate with external controls,
- 2) enables sending crimping data into the outside device and
- 3) longer crimping delay.

These features makes VS Plus control ideal especially in automatic lines where the crimping machine needs to communicate with other controls.



WATCHMAN

Finn-Power Watchman enables to collect the crimping data, display and store it in Watchman software. This feature is important part of your quality control system.



L1, L2, L3 COUNTERS

The Finn-Power L1 counter option is a basic counter having both hour meter and crimp counter to help you to keep up the daily maintenance.

In addition to hour meter and crimp counter, Finn-Power L2 counter has a light which lits when the presetted amount of crimps has been reached. With L2 counter option it is easy to control the numbers of the crimpings.

Finn-Power L3 counter is even more equipped. L3 counter shows how many fittings have been crimped. It helps to guarantee that just the required number of the assemblies will be crimped and also that both ends of the assembly has been truly crimped. By this the quality of the production can be improved.



OPTIONS

MODEL	QC TOOL	FOOT PEDAL	CONTROL UNIT			BACK STOP DEVICE		MIRROR	PRESSURE CONTROL		AGS auto greasing (3)	REMOTIC control unit (2)	COUNTER L1 / L2 / L3	VS PLUS (4)	WATCHMAN (4)	MODEL
			integrated	C1	C2	mechanic	electric (2)		P1	P2						
P16HP	—	—	X	—	—	—	—	—	—	—	—	—	—	—	—	P16HP
P16AP	—	—	X	—	—	—	—	—	—	—	—	—	—	—	—	P16AP
P20HP	O	—	X	—	—	O	—	—	—	—	—	—	—	—	—	P20HP
P20AP	O	—	X	—	—	O	—	—	—	—	—	—	—	—	—	P20AP
P20CS	O	—	X	—	—	O	—	—	—	—	—	—	—	—	—	P20CS
P32CS	O	—	X	—	—	O	—	—	—	—	—	—	—	—	—	P32CS
P20X	O	—	X	—	—	O	—	—	O	—	—	—	—	—	—	P20X
P20	O	O	X	—	—	O	X	—	—	O	—	—	O	—	—	P20
P21	O	O	X	—	—	O	X	—	—	O	—	—	O	—	—	P21
P32X	O	—	X	—	—	O	—	—	—	O	—	—	—	—	—	P32X
P32	O	O	X	—	—	O	X	—	—	O	—	—	O	—	—	P32
P51	O	O	X	—	—	O	X	—	—	O	—	—	O	—	—	P51
P60	O	O	X	—	—	O	X	—	—	O	—	—	O	—	—	P60
FP20	X	O	—	X	—	O	X	O	O	—	O	O	O	O	O	FP20
FP120X	X	O	X	O	O	O	X	X	—	—	O	O	O	O	—	FP120X
FP120	X	O	X	O	O	O	X	X	O	—	O	O	O	O	O	FP120
FP120S	X	O	X	O	O	O	X	X	O	—	O	O	O	O	O	FP120S
FP140X	X	O	X	O	O	O	X	X	—	—	O	O	O	O	—	FP140X
FP140	X	O	X	O	O	O	X	X	O	—	O	O	O	O	O	FP140
FP145	X	O	X	O	O	O	X	X	O	—	O	O	O	O	O	FP145
FP160	X	X	—	X	O	O	X	X	O	—	O	O	O	O	O	FP160
FP165	X	X	—	X	O	O	X	X	O	—	O	O	O	O	O	FP165
SP100	—	X	—	X	O	O	O	—	—	—	—	O	O	O	—	SP100
SP350	X	X	—	—	X	O	O	—	—	—	—	O	O	O	—	SP350
SP350S	X	X	—	—	X	O	O	—	—	—	—	O	O	O	—	SP350S
SP350Z	X	O	—	—	X	O	O	—	—	—	—	O	O	O	—	SP350Z
SP1200	X	X	—	—	X	O	O	—	—	—	—	O	O	O	—	SP1200
CC20	—	X	X	—	—	X	—	—	—	—	—	O	O	O	—	CC20
CC22	O	O	X	—	—	O	X	—	—	—	—	—	—	O	—	CC22
CC24	O	O	X	—	—	O	X	—	—	—	O	—	—	O	—	CC24
CC30	O	X	X	—	—	O	X	—	—	—	O	O	O	O	—	CC30
NC20	—	X	X	—	—	X	—	—	—	—	—	O	O	O	—	NC20
NC30	—	X	X	—	—	X	—	—	—	—	O	O	O	O	—	NC30
FP170	—	X	—	O	X	—	—	—	O	—	O	O	O	O	O	FP170
FP175	—	X	—	O	X	—	—	—	O	—	O	O	O	O	O	FP175
PP70	—	X	—	X	—	—	—	—	—	—	—	—	—	—	—	PP70
CM75HP	—	X	X	—	—	—	—	—	—	—	—	—	—	—	—	CM75HP

O optional
X standard
— not available

- (1) Available for P20, P32 and CC22 dies
(2) Not available in MS control
(3) Technical implementation varies depending on the machine model.
Please verify the suitability of the option from your distributor.
(4) Available in VS models only

Subject to changes without prior notice.



Represented by

Lillbacka Powerco Ltd, P.O. Box 1,
FI-62301 Härmä, Finland
Tel. +358 6 485 4444, Fax +358 6 485 4400
www.lillbacka.com/powerco