



FP120SCC

Finn-Power FP120 with new SCC control.

SCC control brings smartness to serial production crimpers via connectivity and visual user interface, including step crimping as a standard feature. The control brings necessary basic features for entry-level higher volume production.

FP120SCC is compact and easy to use, designed to handle the highest production volumes.

Unbeaten in terms of speed, precision, durability and quality. Depending on available space, or the operational space need behind the machine, the hydraulic and crimping unit can be separated or combined.



TECHNICAL DATA

Max crimping dia (mm/inch) ¹⁾	87/3.42
Max crimping dia with master dies (mm/inch)	109/4.3
Max. crimping force (kN)	2800
Max. crimping force (tonnage)	280
Cycle time 10 mm (s) ²⁾	1.8 (S-model: 1.6)
Hydraulic hose size (inch)	2 *
Industrial hose size (inch)	3.42 *
Die set series	32
Max. opening (mm) ³⁾	+68
Max. opening without dies (mm)	167
Master die D/L (mm)	99/97
Master die D/L (inch)	3.90/3.82
Motor Power (kW/HP)	6.5/8.8
Oil tank volume	135 l

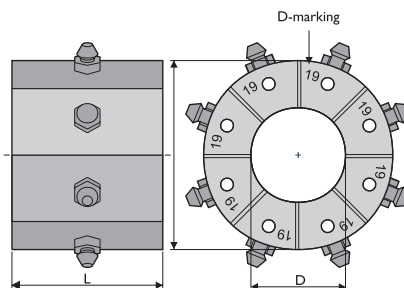
DIMENSIONS (LxWxH)

Machine (mm)	881X664X1561
Hydraulic Unit (mm)	782X753X1043
Machine (inch)	34.7X26.1X61.5
Hydraulic Unit (inch)	30.8X29.6X41.0

WEIGHT (KG/LBS)

Machine	875/1925
Hydraulic Unit	220/484
Compact setup	1060/2332

* ACCORDING TO THE FITTING.



- 1) With standard dies. Crimping range can be increased with special dies.
- 2) Theoretical with 10 mm cycle.
- 3) Maximum opening is the total die travel. Add this value to the minimum crimping diameter of the die set used. The result is the maximum opening of the machine with die set in place.

CONTROL

SCC (5" touchscreen)

STANDARD FEATURES

QuickChange-tool (part no 701049)
 Electric backstop device (part no 705183)
 Mirror (part no 054010)
 Die racks (part no: 714266 (left), 714266 (right))

OPTIONS

Foot pedal (part no 691563)
 Side table (part no: 719216 (right), 719152 (left))
 Side die rack, 5 slots (Compact only) (part no 717685)
 Die rack, 9 slots (not for compact) (part no: 714266 (right), 714267 (left))
 Mechanical back stop device (part no 704920)
 Interface pack ETH (Communication TCP/IP & UDP)
 Oil cooler J3 **
 Combi unit (crimping and hydraulic unit combined)
 Pinning support mandrel
 Horizontal Back layout HB
 Horizontal Side layout HS

** Will have impact on motor size, hydraulic unit dimensions and weight

DIE SET 32-SERIES

DieSetNo	D (mm)	L (mm)	Crimp. range (mm)
18506/10	10	55	10.0-12.0
18506/12	12	55	12.0-14.0
18506/14	14	55	14.0-16.0
18506/16	16	55	16.0-19.0
18506/19	19	55	19.0-22.0
18506/22	22	70	22.0-26.0
18506/26	26	70	26.0-30.0
18506/30	30	70	30.0-34.0
18506/34	34	75	34.0-39.0
18506/39	39	75	39.0-45.0
18506/45	45	90	45.0-51.0
18506/51	51	90	51.0-57.0
18506/57	57	100	57.0-63.0
18506/63	63	110	63.0-69.0
18506/69	69	110	69.0-75.0
18506/74	74	110	74.0-80.0
18506/78	78	110	78.0-87.0

In addition to the standard die sets, a wide range of special die sets is available on request.