



INDUSTRY 4.0



ABSOLUTE
QUALITY
MADE IN
FINLAND

FP120

NEW FINN-POWER FP120, THE LEGEND IS REBORN

New FP120 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 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 ³⁾	32
Max. opening (mm) ⁴⁾	+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

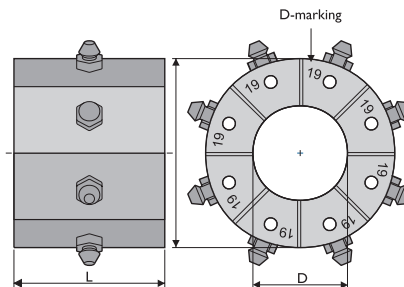
DIMENSIONS (LxWxH)

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) Hydraulic hose / industrial hose
- 4) 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

ICC (7" touchscreen) or
SCC (5" touchscreen)

STANDARD FEATURES

QuickChange-tool (part no 701049)
Electric backstop device (part no 705183)
Mirror (part no 054010)
Die racks (part no: 714267 (left), 714266 (right))
Pressure crimping (ICC only)
Step crimping

OPTIONS (SCC & ICC)

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

OPTIONS (ICC ONLY)

Smart die rack SDR (8 or 16 slot model available)
Quality control ICC3
Graphical quality control ICC4
Auto greasing G3
Bar Code Reader BCR
Speed adjustment **
Oil Condition Monitoring OCM
Industry 4.0
A3 signal
Camera with 7" display

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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.