



ABSOLUTE QUALITY  
MADE IN FINLAND

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# 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.

FP120SCC is available with separate hydraulic unit or as a compact model. With separate hydraulic unit, access to the back side of the machine is free, when part feeding from the back is needed.

## TECHNICAL DATA

|   |                    |
|---|--------------------|
| Max crimping dia (mm/inch) <sup>1)</sup>    | 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) <sup>2)</sup>          | 1.8 (S-model: 1.6) |
| Hydraulic hose size (inch)                  | 2 *                |
| Industrial hose size (inch)                 | 3.42 *             |
| Die set series                              | 32                 |
| Max. opening (mm) <sup>3)</sup>             | +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)                         | 5.5/7.5            |
| Oil tank volume                             | 135 l              |

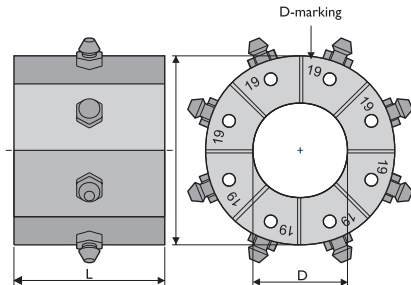
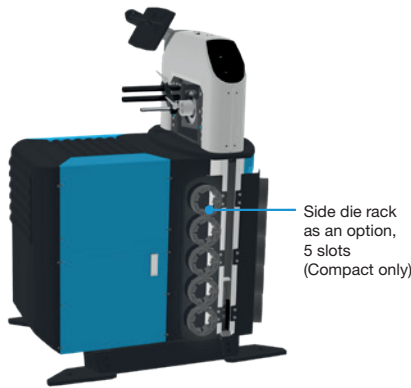
## DIMENSIONS (LxWxH)

|                       |                |
|-----------------------|----------------|
| 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.

Power supply cable not included.

## 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: 721486)
- The same part goes for right and left.

## 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 (part no: 721486)
- The same part goes for right and left.
- Mechanical back stop device (part no 704920)
- Interface pack ETH (Communication TCP/IP & UDP)
- Oil cooler J3 \*\*
- 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.