



SP100

Finn-Power SP-series crimping machines with open C-frame structure are optimal for crimping any odd shape, bent or otherwise complex hose assemblies.

SP100 with 10 ton force is specially designed for small automotive hoses.

SP100 also available in following configurations:

- Z-model with separate crimping head and hydraulic unit
- S-model with enhanced cycle time
- D-model with double head configuration (on request)

ABSOLUTE
QUALITY
MADE IN
FINLAND

TECHNICAL DATA

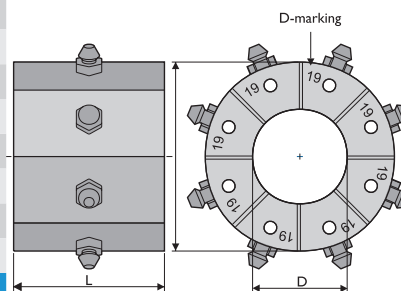
| | |
|-------------------------------------|--------------------|
| Crimping range (mm) ¹⁾ | 10-46 |
| Crimping range (inch) ¹⁾ | 0.39-1.81 |
| Max. crimping force (kN) | 100 |
| Max. crimping force (tonnage) | 10 |
| Cycle time 10 mm (s) ²⁾ | 1.9 (S-model: 0.9) |
| Hose size ID (inch) | 1 1/4 |
| Die set series ³⁾ | SP100 |
| Max. opening (mm) ⁴⁾ | +11/+62 |
| Master die D/L (mm) | 70/40 |
| Master die D/L (inch) | 2.75/1.58 |
| Motor Power (kW/HP) | 3.0/4.0 |
| Oil tank volume | 50 l |

DIMENSIONS (LxWxH)

| | |
|----------------|----------------|
| Machine (mm) | 814x782x1670 |
| Machine (inch) | 32.0x30.8x65.7 |

WEIGHT (KG/LBS)

383/844



- 1) With standard dies. Crimping range can be increased with special dies.
- 2) Theoretical with 10mm cycle.
- 3) See table for die set data.
- 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)

STANDARD FEATURES

Foot pedal (part no 691563)
Pressure crimping ICC1
Step crimping ICC2

OPTIONS

Foot pedal, Z-model (part no 691563)
Auto greasing G3
Remote control unit R2 (double hand)
Quality control ICC3
Graphical quality control ICC4
Interface pack ETH (Communication TCP/IP & UDP)
A3 signal
Bar Code Reader BCR

DIE SET SP100-SERIES

| DieSetNo | D (mm) | L (mm) | Crimp. range (mm) |
|-----------|--------|--------|-------------------|
| 701817/10 | 10 | 40 | 10.0-12.0 |
| 701817/12 | 12 | 40 | 12.0-14.0 |
| 701817/14 | 14 | 40 | 14.0-16.0 |
| 701817/16 | 16 | 40 | 16.0-19.0 |
| 701817/19 | 19 | 40 | 19.0-23.0 |
| 701817/23 | 23 | 40 | 23.0-27.0 |
| 701817/27 | 27 | 40 | 27.0-31.0 |
| 701817/31 | 31 | 40 | 31.0-36.0 |
| 701817/36 | 36 | 40 | 36.0-41.0 |
| 701817/41 | 41 | 40 | 41.0-47.0 |
| 701817/47 | 47 | 40 | 47.0-54.0 |

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