



SP350

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

SP350 with 35 ton force is designed for demanding automotive hoses and other bent components requiring side feeding. SP350 has adjustable crimp head angle for easier part orientation and visibility. SP350 comes with moveable swing arm for ICC control.

SP350 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

See details from specific product cards.

TECHNICAL DATA

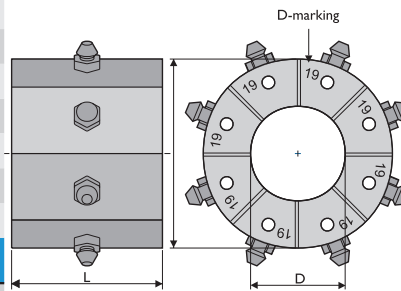
| | |
|-------------------------------------|--------------------|
| Crimping range (mm) ¹⁾ | 10-54 |
| Crimping range (inch) ¹⁾ | 0.39-2.12 |
| Max. crimping force (kN) | 350 |
| Max. crimping force (tonnage) | 35 |
| Cycle time 10 mm (s) ²⁾ | 1.1 (S-model: 0.7) |
| Hose size ID (inch) | 1 1/4 |
| Die set series ³⁾ | CC22 |
| Max. opening (mm) ⁴⁾ | +25/+48 |
| Master die D/L (mm) | 84/78 |
| Master die D/L (inch) | 3.31/3.07 |
| Motor Power (kW/HP) | 3.0/4.0 |
| Oil tank volume | 50 l |

DIMENSIONS (LxWxH)

| | |
|----------------|----------------|
| Machine (mm) | 970x1020x1871 |
| Machine (inch) | 38.2x40.2x73.7 |

WEIGHT (KG/LBS)

710/2050



- 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

QuickChange-tool
Foot pedal (Standard and S-model)
Pressure crimping ICC1
Step crimping ICC2

OPTIONS

Foot pedal (Z-model)
Auto greasing G3
Remote control (R1, R2)
Quality control ICC3
Graphical quality control ICC4
Interface pack ETH (Communication TCP/IP & UDP)
A3 signal
Bar Code Reader BCR
Auto greasing G3
ICC 12" display

DIE SET CC22-SERIES

| DieSetNo | D (mm) | L (mm) | Crimp. range (mm) |
|----------|--------|--------|-------------------|
| 18315/10 | 10 | 50 | 10.0-12.0 |
| 18315/12 | 12 | 50 | 12.0-14.0 |
| 18315/14 | 14 | 50 | 14.0-16.0 |
| 18315/16 | 16 | 50 | 16.0-19.0 |
| 18315/19 | 19 | 50 | 19.0-23.0 |
| 18315/23 | 23 | 50 | 23.0-27.0 |
| 18315/27 | 27 | 50 | 27.0-31.0 |
| 18315/31 | 31 | 50 | 31.0-36.0 |
| 18315/36 | 36 | 50 | 36.0-41.0 |
| 18315/41 | 41 | 50 | 41.0-47.0 |
| 18315/47 | 47 | 50 | 47.0-54.0 |

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