

# SP1200D

FINN-POWER SP1200D DOUBLE HEAD CRIMPER FOR COMPLEX BENT HOSE ASSEMBLIES

Finn-Power SP1200D side feed crimping machine allows side feeding of the hose and crimping both ends at the same time. Automotive hose assemblies are often having complex bent shapes, which can be challenging and time consuming to crimp on traditional pass through crimpers. Finn-Power C-frame technology offers innovative solutions for this demanding use.

SP1200 has crimping force of 1200 kN, to handle automotive hose assemblies and small hydraulic hoses. State of the art ICC-control offers various features for quality control and work queues, as well as ensuring all fittings of the hose assembly will be crimped.

## TECHNICAL DATA

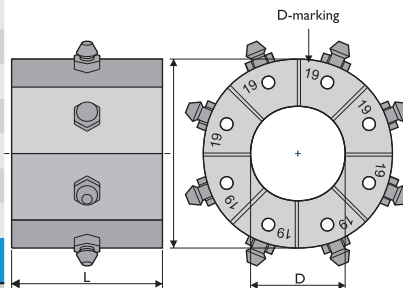
|                                     |                    |
|-------------------------------------|--------------------|
| Crimping range (mm) <sup>1)</sup>   | 10-54              |
| Crimping range (inch) <sup>1)</sup> | 0.39-2.12          |
| Max. crimping force (kN)            | 1200               |
| Max. crimping force (tonnage)       | 120                |
| Cycle time 10 mm (s) <sup>2)</sup>  | 2.1 (S-model: 1.3) |
| Hose size ID (inch)                 | 1 1/4              |
| Die set series <sup>3)</sup>        | CC22               |
| Max. opening (mm) <sup>4)</sup>     | +25/+63            |
| Master die D/L (mm)                 | 84/78              |
| Master die D/L (inch)               | 3.31/3.07          |
| Motor Power (kW/HP)                 | 4.0/5.5            |
| Oil tank volume                     | 2 x 50 l           |

## DIMENSIONS (LxWxH)

|                |               |
|----------------|---------------|
| Machine (mm)   | 880x3700x2086 |
| Machine (inch) | 34.6x145.6x80 |

## WEIGHT (KG/LBS)

2250/4950



- 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

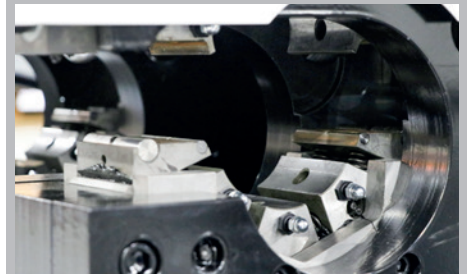
ICC (7" touchscreen)

## STANDARD FEATURES

QuickChange-tool  
Foot pedal  
Motorized movement of second head  
Position display  
3 meter table (other lengths available)  
M8 groove on table profile for jig installation  
Pressure crimping ICC1  
Step crimping ICC2

## OPTIONS

Double hand operation panel  
Quality control ICC3  
Graphical quality control ICC4  
Interface pack ETH (Communication TCP/IP & UDP)  
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.