



# 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

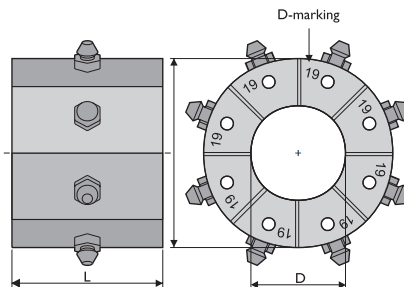
Max crimping dia (mm) <sup>1)</sup>	87
Max crimping dia (inch) <sup>1)</sup>	3.42
Max. crimping force (kN)	2800
Max. crimping force (tonnage)	280
Cycle time 10 mm (s) <sup>2)</sup>	1.8 (S-model: 1.6)
Hose size ID (inch)	2 *
Die set series <sup>3)</sup>	32
Max. opening (mm) <sup>4)</sup>	+68
Max. opening without dies (mm)	167
Master die D/L (mm)	99/97
Master die D/L (inch)	3.90/3.82
Motor Power (kW/HP)	6.5/8.8
Oil tank volume	135 l

## DIMENSIONS (LxWxH)

Machine (mm)	881X664X1561
Hydraulic Unit (mm)	782X751X1063
Machine (inch)	34.7X26.1X61.5
Hydraulic Unit (inch)	30.8X29.6X41.9

## WEIGHT (KG/LBS)

Machine	875/1925
Hydraulic Unit	220/484
Compact setup	1060/2332



- 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  
Electric backstop device  
Mirror  
Die racks  
Pressure crimping ICC1  
Step crimping ICC2

## OPTIONS

Foot pedal  
Front table  
Smart die rack  
Side die rack, 5 slots (Compact only)  
Fitting storage  
Mechanical back stop device  
Auto greasing G3  
Oil cooler \*\*  
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.

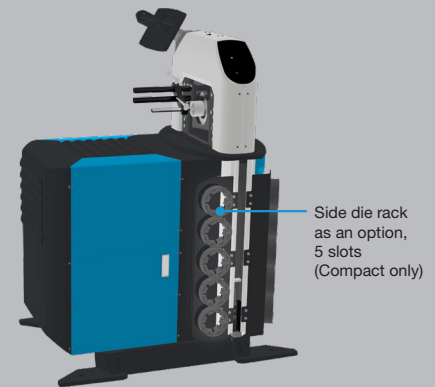
## OPTIONS (ICC)

Remote control (R1, R2)  
Quality control ICC3  
Graphical quality control ICC4  
Interface pack ETH (Communication TCP/IP & UDP)  
A3 signal  
Bar Code Reader BCR  
Speed adjustment \*\*  
Oil Condition Monitoring OCM  
Industry 4.0  
Camera (requires 7" display)  
\*\* 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.



Side die rack as an option, 5 slots (Compact only)

\* ACCORDING TO THE FITTING.

FURTHER INFO ON PRODUCTS,  
PLEASE REVERT TO SPECIFIC PRODUCT CARD