



120

SPEED, PRECISION AND QUALITY

Finn-Power 120 serial production crimping machine is compact and easy to use.

It is designed to handle the highest production volumes. Unbeaten in terms of speed, precision, durability and quality. Depending on available space, or operator space need around the machine, the hydraulic and crimping units can be separated or fitted together as a compact model.

TECHNICAL DATA

Max crimping dia (mm) ¹⁾	87
Max crimping dia (inch) ¹⁾	3.42
Max. crimping force (kN)	2800
Max. crimping force (tonnage)	280
Cycle time 10 mm (s) ²⁾	1.8
Hose size ID (inch)	2 (4SH)
Die set series ³⁾	32
Max. opening (mm) ⁴⁾	+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)

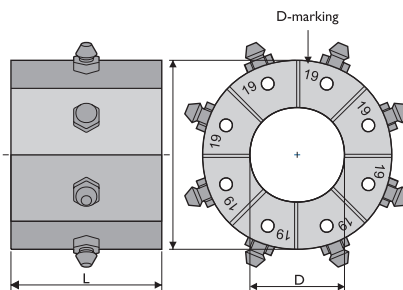
Machine (mm)	1063x737x1589
Hydraulic Unit (mm)	713x705x1060
Machine (inch)	41.9x29.0x62.6
Hydraulic Unit (inch)	28.1x27.8x41.7

WEIGHT (KG/LBS)

Machine	845/1863
Hydraulic Unit	182/402



Die sets can be installed into the master dies with a QuickChange-tool one set at a time.



- 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)

STANDARD FEATURES

QuickChange-tool
Electric backstop device
Mirror
Die racks

OPTIONS

Foot pedal
Side table
Mechanical back stop device
Remote control unit
Pressure crimping ICC1
Step crimping ICC2
Quality control ICC3
Graphical quality control ICC4
Interface pack ETH (Communication TCP/IP & UDP)
Bar Code Reader BCR
Speed adjustment **
Auto greasing G3
Oil cooler
Oil Condition Monitor OCM
Industry 4.0
Connection kit (hydraulic unit)
Pinning support mandrel
ICC 12" display
Camera (requires 12" display)
Safety scanner
Horizontal Back layout HB
Horizontal Side layout HS

** Will have impact on motor size, hydraulic unit dimensions and weight.



Electric backstop device as a standard feature.



Mirror as a standard feature.

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.

FURTHER INFO ON OPTIONS,
PLEASE REVERT TO SPECIFIC PRODUCT CARD

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