



FP145

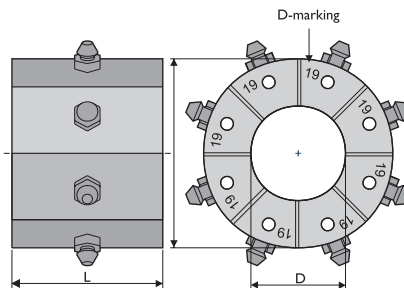
Big brother of the famous FP120 with more force, bigger opening and larger dies.

The 140-series die system with adaptor dies makes an excellent choice for large, medium and even small size fittings.

FP145 is an ideal machine for 2" 6-wire hoses and also for medium range industrial hoses.

TECHNICAL DATA	
Max crimping dia (mm) ¹⁾	124
Max crimping dia (inch) ¹⁾	4.88
Max. crimping force (kN)	3500
Max. crimping force (tonnage)	350
Cycle time 10 mm (s) ²⁾	2.5
Hose size ID (inch)	2 ½ (4SH) 2 (6SH) / 4 ³⁾
Die set series	32/140/145
Max. opening (mm) ⁴⁾	+82
Max. opening without dies (mm)	222
Master die D/L (mm)	140/116
Master die D/L (inch)	5.52/4.57
Motor Power (kW/HP)	6.5/8.8
Oil tank volume	135 l
DIMENSIONS (LxWxH)	
Machine (mm)	881x683x1561
Hydraulic Unit (mm)	782x751x1063
Machine (inch)	34.7x26.9x61.5
Hydraulic Unit (inch)	30.8x29.6x41.9
WEIGHT (KG/LBS)	
Machine	1053/2317
Hydraulic Unit	220/484

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



- 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
ICC (12" touchscreen) or
SCC (3,5" display + control wheel)

STANDARD FEATURES

QuickChange-tool for 32-series dies
Electric backstop device
Mirror
Die racks
Pressure crimping ICC1
Step crimping ICC2

OPTIONS

Foot pedal
Front table
Quality 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 12" display)
Safety Scanner

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

DIE SET 140-SERIES

DieSetNo	D (mm)	L (mm)	Crimp. range (mm)
18860/84	84	110	84.0-92.0
18860/92	92	110	92.0-100.0
18860/100	100	110	100.0-108.0
18860/108	108	110	108.0-116.0
18860/116	116	110	116.0-124.0

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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