



# FP145

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

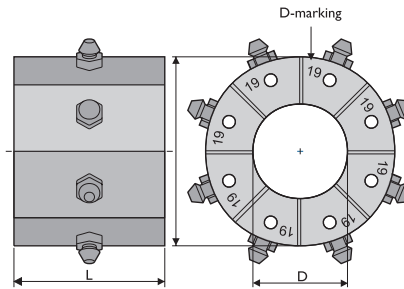
The 140-series die system with adaptor dies makes an excellent choice for large, medium and even small size fittings.

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

TECHNICAL DATA	
Max crimping dia (mm) <sup>1)</sup>	124
Max crimping dia (inch) <sup>1)</sup>	4.88
Max. crimping force (kN)	3500
Max. crimping force (tonnage)	350
Cycle time 10 mm (s) <sup>2)</sup>	2.5
Hose size ID (inch)	2 ½ (4SH) 2 (6SH) / 4 <sup>3)</sup>
Die set series	32 /140/145
Max. opening (mm) <sup>4)</sup>	+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.



**ORMANLAR**  
High Tech Hose Solutions

Hose Fittings Assembly

## CONTROL

ICC (7" 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  
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 140-SERIES

DieSetNo	D (mm)	L (mm)	Crimp. range (mm)
18860/84/120	84	120	84.0-92.0
18860/92/120	92	120	92.0-100.0
18860/100/120	100	120	100.0-108.0
18860/108/120	108	120	108.0-116.0
18860/116/120	116	120	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
18506/63/120	63	120	63.0-69.0
18506/69/120	69	120	69.0-75.0
18506/74/120	74	120	74.0-80.0
18506/78/120	78	120	78.0-87.0

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