



# 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

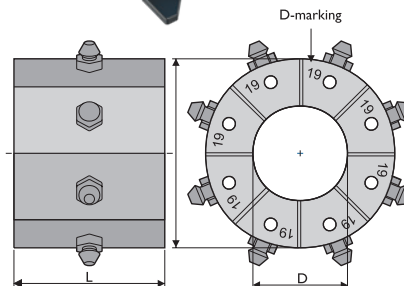
|                                       |                                     |
|---------------------------------------|-------------------------------------|
| Max crimping dia (mm) <sup>1)</sup>   | 124                                 |
| Max crimping dia (inch) <sup>1)</sup> | 4.88                                |
| 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 <sup>4)</sup> /140/145           |
| Max. opening (mm) <sup>5)</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   |



- 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  
Electric backstop device  
Mirror  
Die racks

## OPTIONS

Foot pedal  
Front table  
Quality die rack  
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)  
Pressure crimping ICC1  
Step crimping ICC2  
Quality control ICC3  
Graphical quality control ICC4  
Interface pack ETH (Communication TCP/IP & UDP)  
A3 signal (cable not included)  
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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