



# FP170

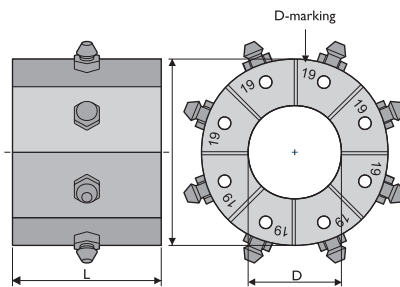
STRONG WITH WIDE OPENING

FP170 machine is primarily designed for crimping large fittings and applications requiring large opening. FP170 is widely used in tube and pipe industry as well as electric insulators and several automotive applications. FP170 with extra long master dies provides long forming with single stroke.

## TECHNICAL DATA

|   |  |
|---|--|
| Max crimping dia (mm/inch) <sup>1)</sup>    | 320/12.60                                  |
| Max crimping dia with master dies (mm/inch) | 330/13                                     |
| Max. crimping force (kN)                    | 6600                                       |
| Max. crimping force (tonnage)               | 660  |
| Cycle time 10 mm (s) <sup>2)</sup>          | 3.1  |
| Hydraulic hose size (inch)                  | 10 *                                       |
| Industrial hose size (inch)                 | 12.60 *                                    |
| Die set series                              | 32 <sup>3)</sup> / 160 <sup>3)</sup> / 170 |
| Max. opening (mm) <sup>4)</sup>             | +155                                       |
| Max. opening without dies (mm)              | 475  |
| Master die D/L (mm)                         | 320/220                                    |
| Master die D/L (inch)                       | 12.60/8.66                                 |
| Motor Power (kW/HP)                         | 7.5/10                                     |
| Oil tank volume                             | 250 l                                      |
| <b>DIMENSIONS (LxWxH)</b>                   |  |
| Machine (mm)                                | 1200x936x2220                              |
| Hydraulic Unit (mm)                         | 1195x705x1411                              |
| Machine (inch)                              | 47.3x36.9x81.9                             |
| Hydraulic Unit (inch)                       | 47.0x27.8x44.9                             |
| <b>WEIGHT (KG/LBS)</b>                      |  |
| Machine                                     | 4400/9669                                  |
| Hydraulic Unit                              | 265/671                                    |

\* ACCORDING TO THE FITTING.



- 1) With standard dies. Crimping range can be increased with special dies.
- 2) Theoretical with 10 mm cycle.
- 3) With adapter dies
- 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.

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## CONTROL

ICC (7" touchscreen)

## STANDARD FEATURES

Adapter dies for FP160-series dies (part no 404916)  
Foot pedal (part no 691563)  
Pressure crimping ICC1  
Step crimping ICC2

## OPTIONS

Adapter dies for 32-series dies (part no 302008)  
QuickChange-tool 32-series dies (part no 701049)  
Smart die rack SDR (16 slot)  
Auto greasing G3  
Interface pack ETH (Communication TCP/IP & UDP)  
A3 signal  
Oil cooler J3\*\*  
Pinning support mandrel  
Quality control ICC3  
Graphical quality control ICC4  
Bar Code Reader BCR  
Speed adjustment \*\*  
Oil Condition Monitoring OCM  
Industry 4.0  
Camera with 7" display  
Horizontal Back layout HB  
Horizontal Side layout HS

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

## DIE SET 170-SERIES

| DieSetNo   | D (mm) | L (mm) | Crimp. range (mm) |
|------------|--------|--------|-------------------|
| 405060/205 | 205    | 220    | 205.0-220.0       |
| 405060/220 | 220    | 220    | 220.0-235.0       |
| 405060/235 | 235    | 220    | 235.0-250.0       |
| 405060/250 | 250    | 220    | 250.0-270.0       |
| 405060/270 | 270    | 220    | 270.0-290.0       |
| 405060/290 | 290    | 220    | 290.0-320.0       |

## DIE SET 160-SERIES

| DieSetNo  | D (mm) | L (mm) | Crimp. range (mm) |
|-----------|--------|--------|-------------------|
| 18852/84  | 84     | 116    | 84.0-92.0         |
| 18852/92  | 92     | 116    | 92.0-100.0        |
| 18852/100 | 100    | 116    | 100.0-108.0       |
| 18852/108 | 108    | 116    | 108.0-116.0       |
| 18852/116 | 116    | 116    | 116.0-126.0       |
| 18852/126 | 126    | 116    | 126.0-136.0       |
| 18852/136 | 136    | 116    | 136.0-146.0       |
| 18852/146 | 146    | 116    | 146.0-156.0       |
| 18852/156 | 156    | 116    | 156.0-166.0       |
| 18852/166 | 166    | 116    | 166.0-178.0       |
| 18852/178 | 178    | 116    | 178.0-190.0       |
| 18852/190 | 190    | 116    | 190.0-202.0       |

## 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.