



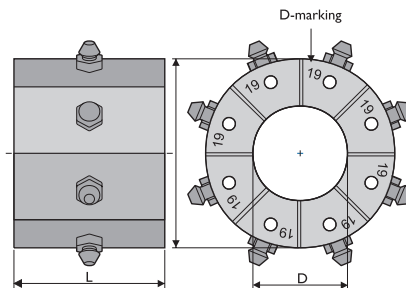
# FP160

POWERFUL BUT VERSATILE

FP160 is a versatile crimping machine in our production category. It is optimal for hoses with bigger flanges and fittings supplied with in-built die set storage.

### TECHNICAL DATA

Max crimping dia (mm) <sup>1)</sup>	202
Max crimping dia (inch) <sup>1)</sup>	7.95
Max. crimping force (kN)	3500
Max. crimping force (tonnage)	350
Cycle time 10 mm (s) <sup>2)</sup>	2.3 (S-model: 1.8)
Hose size ID (inch)	6 *
Die set series	32/160
Max. opening (mm) <sup>5)</sup>	+125
Max. opening without dies (mm)	345
Master die D/L (mm)	220/116
Master die D/L (inch)	8.66/4.57
Motor Power (kW/HP)	6.5/8.8
Oil tank volume	135 l
<b>DIMENSIONS (LxWxH)</b>	
Machine (mm)	940x860x1784
Hydraulic Unit (mm)	713x705x1060
Machine (inch)	37x33.9x70.2
Hydraulic Unit (inch)	28x27.8x41.7
<b>WEIGHT (KG/LBS)</b>	
Machine	2020/4444
Hydraulic Unit	182/407



- 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.

\* ACCORDING TO THE FITTING.

### CONTROL

ICC (7" touchscreen)

### STANDARD FEATURES

- QuickChange-tool for 32-series dies
- Electric backstop device
- Mirror
- Adapter dies for 32-series dies
- Foot pedal
- Pressure crimping ICC1
- Step crimping ICC2

### OPTIONS

- Mechanical back stop device
- Interface pack ETH (Communication TCP/IP & UDP)
- A3 signal
- Oil cooler \*\*
- Pinning support mandrel
- Horizontal Back layout HB
- Horizontal Side layout HS
- \*\* Will have impact on motor size, hydraulic unit dimensions and weight.

### OPTIONS (ICC)

- Smart die rack
- Remote control (R1, R2)
- Quality control ICC3
- Graphical quality control ICC4
- 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 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.

FURTHER INFO ON PRODUCTS,  
PLEASE REVERT TO SPECIFIC PRODUCT CARD