



# FP165

## POWERFUL PARTNER

FP165 is more powerful version of FP160. You can manage all hydraulic hoses and ideal also for medium range industrial hoses with flanges and large fittings.

### TECHNICAL DATA

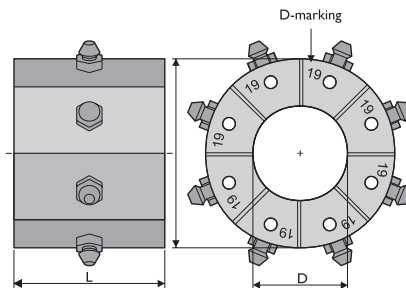
Max crimping dia (mm) <sup>1)</sup>	202
Max crimping dia (inch) <sup>1)</sup>	7.95
Max. crimping force (kN)	5000
Max. crimping force (tonnage)	500
Cycle time 10 mm (s) <sup>2)</sup>	3.6 (S-model: 2.7)
Hose size ID (inch)	6
Die set series	32/160
Max. opening (mm) <sup>5)</sup>	+125
Max. opening without 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

### DIMENSIONS (LxWxH)

Machine (mm)	1060x860x1825
Hydraulic Unit (mm)	713x705x1060
Machine (inch)	41.7x33.9x71.9
Hydraulic Unit (inch)	28x27.8x41.7

### WEIGHT (KG/LBS)

Machine	2480/5412
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.

\* Picture includes additional options.

### 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  
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)

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 12" display)  
Safety Scanner

\*\* 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 OPTIONS,  
PLEASE REVERT TO SPECIFIC PRODUCT CARD

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