CRIMPING | PRODUCTION | FP165

INDUSTRY 4.0

Please note that the images are for illustrative purposes only. The final product may vary in design, features or specifications.

ABSOLUTE QUALITY MADE IN FINLAND

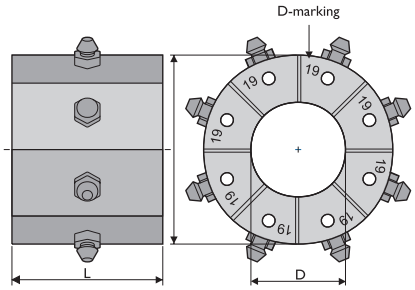
FP165

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/inch) [1]	202/7.95
Max crimping dia with master dies (mm/inch)	230/9
Max. crimping force (kN)	5000
Max. crimping force (tonnage)	500
Cycle time 10 mm (s) [2]	3.6
Hydraulic hose size (inch)	6 *
Industrial hose size (inch)	7.95 *
Die set series	32/160
Max. opening (mm) [3]	+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)	5.5/7.5
Oil tank volume	135 l
DIMENSIONS (LxWxH)	
Machine (mm)	1060x860x1825
Hydraulic Unit (mm)	782x753x1043
Machine (inch)	41.7x33.9x71.9
Hydraulic Unit (inch)	30.8x29.6x41.0
WEIGHT (KG/LBS)	
Machine	2480/5412
Hydraulic Unit	220/484

*** ACCORDING TO THE FITTING.**



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

Power supply cable not included.

CONTROL

ICC (7" touchscreen)

STANDARD FEATURES

- QuickChange-tool for 32-series dies (part no 701049)
- Electric backstop device (part no 691562)
- Mirror (part no 054010)
- Adapter dies for 32-series dies (part no 302008)
- Foot pedal (part no 691563)
- Pressure crimping ICC1
- Step crimping ICC2

OPTIONS

- Smart die rack SDR (16 slot for 32-series dies)
- Mechanical back stop device (part no 704920)
- 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 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.