



ABSOLUTE
QUALITY
MADE IN
FINLAND

SP5000

Finn-Power SP-series crimping machines with open C-frame structure are optimal for crimping any odd shape, bent or otherwise complex hose assemblies.

SP5000 with 500 ton force is a heavy duty side feed machine for demanding industrial hoses or pipes with large flanges.

SP5000 is ideal also for various pipeline field installations in e.g. offshore, oil & gas, water & wastewater industries.

See details from specific product cards.

TECHNICAL DATA

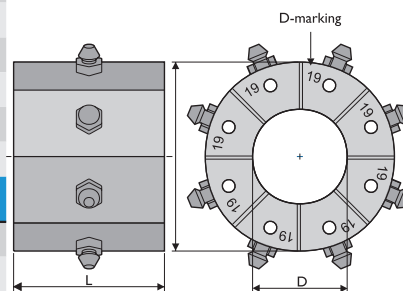
Crimping range (mm) ¹⁾	10-210
Crimping range (inch) ¹⁾	0.39-8.26
Max. crimping force (kN)	5000
Max. crimping force (tonnage)	500
Cycle time 10 mm (s) ²⁾	3.7
Hose size ID (inch)	6
Die set series ³⁾	32/160
Max. opening (mm) ⁴⁾	+46/+215
Master die D/L (mm)	220/190
Master die D/L (inch)	8.66/7.48
Motor Power (kW/HP)	7.5/10.0
Oil tank volume	250

DIMENSIONS (LxWxH)

Machine (mm)	1510x950x2250
Hydraulic Unit (mm)	713x705x1060
Machine (inch)	59.4x37.4x88.6
Hydraulic Unit (inch)	28.0x27.8x41.7

WEIGHT (KG/LBS)

Machine	3930/8650
Hydraulic Unit	280/485



- 1) With standard dies. Crimping range can be increased with special dies.
- 2) Theoretical with 10mm cycle.
- 3) See table for die set data.
- 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)

STANDARD FEATURES

Foot pedal (part no 691563)
QuickChange-tool for 32-series dies (part no 701049)
Remote control unit R2 (double hand)
Pressure crimping ICC1
Step crimping ICC2

OPTIONS

Quality control ICC3
Graphical quality control ICC4
Interface pack ETH (Communication TCP/IP & UDP)
A3 signal
Bar Code Reader BCR
Oil Condition Monitoring OCM

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

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

In addition to the standard die sets, a wide range of special die sets is available on request.