

## 120, 140 and 145 crimping machines

The brand new 120 and 140 crimping machines extend the range of Lillbacka Powerco's new generation crimping machines. They are unbeaten in terms of speed, precision, durability and quality.



120 UC with C1 control unit

### UC CONTROL

The most advanced crimping control in the world. Basic functions quick and easy to use. Extends up to the online quality monitoring.

- online quality monitoring
- connectivity
- usability

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### FLEXIBLE LAYOUT

- separate hydraulic- and crimping units for optimal use of space
- optional connection kit

### ALL-ROUND USE

- front, back and side
- operating unit with free placing

### SIDE MOUNTING TRACK

- for die set racks, side tables, etc.
- customer's own accessories

### SERVICE-FRIENDLY CONSTRUCTION

- all-round and quick accessibility for maintenance

### ENERGY SAVING MODE

- motor stand-by function
- silent

### OPTIONS

- pressure crimping
- multi-step crimping
- online quality monitoring
  - auto greasing
  - foot pedal
  - side table
  - die set racks
  - connection kit
- speed adjustment
  - oil cooler
- pinning support mandrel

## Technical specifications

Technical specifications	120X	120	120S	140X	140	140S	145
Crimping range Ø (mm)	10...87	10...87	10...87	10...124	10...124	10...124	10...124
Crimping force (kN)	2200	2800	2800	2500	3200	3200	3500
Number of crimps/hour <sup>(4)</sup>	1360	2400	3000	1200	2000	2500	2400
Hose size ID (inch)	2	2	2	4 <sup>(3)</sup>	2½	2½	2½
Die type <sup>(1)</sup>	32	32	32	32/FP140	32/FP140	32/FP140	32/FP140
Max opening (mm) <sup>(2)</sup>	+68	+68	+68	+82	+82	+82	+82
Master die shoe length (mm)	97	97	97	97	97	97	116
Motor (kW)	5.5	5.5	7.5	5.5	5.5	7.5	7.5
Dimensions / crimping unit							
length (mm)	1063	1063	1063	1063	1063	1063	1063
width (mm)	737	737	737	737	737	737	756
height (mm)	1589	1589	1589	1589	1589	1589	1589
Dimensions / hydraulic unit							
length (mm)	713	713	713	713	713	713	713
width (mm)	705	705	705	705	705	705	705
height (mm)	1059	1059	1059	1059	1059	1059	1059
Weight (kg) / crimping unit	845	845	895	875	875	925	875
Weight without oil (kg) / hydraulic unit	182	182	182	182	182	182	182

(1) see table for standard die set data;

(2) min. crimping dia of die set added by table value

(3) industrial hose

(4) theoretical with ½" hose Ø 10 mm

Subject to changes without prior notice.

### Standard die sets for 120 and for 140 used with adapter dies

Code	Crimping diameter (mm)	L (mm)
32-10	10.0 - 12.0	55
32-12	12.0 - 14.0	55
32-14	14.0 - 16.0	55
32-16	16.0 - 19.0	55
32-19	19.0 - 22.0	55
32-22	22.0 - 26.0	70
32-26	26.0 - 30.0	70
32-30	30.0 - 34.0	70
32-34	34.0 - 39.0	75
32-39	39.0 - 45.0	75
32-45	45.0 - 51.0	90
32-51	51.0 - 57.0	90
32-57	57.0 - 63.0	100
32-63	63.0 - 69.0	110
32-69	69.0 - 75.0	110
32-74	74.0 - 80.0	110
32-78	78.0 - 87.0	110

In addition to the standard die sets, a special die sets are available according to customer's request.

### Standard die sets for 145 used with adapter dies

Code	Crimping diameter (mm)	L (mm)
32-10	10.0 - 12.0	55
32-12	12.0 - 14.0	55
32-14	14.0 - 16.0	55
32-16	16.0 - 19.0	55
32-19	19.0 - 22.0	55
32-22	22.0 - 26.0	70
32-26	26.0 - 30.0	70
32-30	30.0 - 34.0	70
32-34	34.0 - 39.0	75
32-39	39.0 - 45.0	75
32-45	45.0 - 51.0	90
32-51	51.0 - 57.0	90
32-57	57.0 - 63.0	100
32-63L	63.0 - 69.0	120
32-69L	69.0 - 75.0	120
32-74L	74.0 - 80.0	120
32-78L	78.0 - 87.0	120

In addition to the FP145 die sets a wide range of special die sets is available.

### FP140 die sets for 140 model used without adapter dies

Code	Crimping diameter (mm)	L (mm)
140-84	84.0 - 92.0	110
140-92	92.0 - 100.0	110
140-100	100.0 - 108.0	110
140-108	108.0 - 116.0	110
140-116	116.0 - 124.0	110

### FP140 die sets for 145 model used without adapter dies

Code	Crimping diameter (mm)	L (mm)
140-84L	84.0 - 92.0	120
140-92L	92.0 - 100.0	120
140-100L	100.0 - 108.0	120
140-108L	108.0 - 116.0	120
140-116L	116.0 - 124.0	120

In addition to the FP140 die sets a wide range of special die sets is available.