

## 20MS and 32MS crimping machines

Lillbacka Powerco has revolutionized the whole way of crimping by launching totally new, innovative crimping machine models. Finn-Power 20MS and 32MS crimping machines are pioneers with their sensational features.

### LEARNING CONTROL

The main improvement is an **interactive MS control**, which can be taught the opening: set the desired opening and the machine will remember it and work semi-automatically.

### ECONOMIC THINKING

New crimping machine models **save energy**: machine runs only when crimping is started and turns to the powersave mode after a set time.

### ECO-FRIENDLY OPERATION

In addition to traditional machine oils 20MS and 32MS machines can also be used with **rape seed oil**. New models also **run quietly**.



Technical features stay the same as in old models.

### EXTREMELY DURABLE COVERS

The machine cover material is the same as in the car bumpers: it withstands little bumps and scratches and plastic is also rust-free.

### ERGONOMIC CONSTRUCTION

Thanks to an entirely novel construction new models are easy to use both right and left handed and the feeding direction can be from front and back. Control device is embedded to the front cover allowing more working space for the operator. **The foot pedal and back stop device** are available as an option.

### SERVICE FRIENDLINESS

20MS and 32MS allow easy access to the components. Due to that changing the oil and the filter is quick and easy. A special Cylinder Protection Inserts protect the cylinder from dirt and loose scrap.

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## Technical specifications

Technical specifications	20MS
Crimping range Ø (mm)	10... 61
Crimping force (kN)	1370
Number of crimps/hour <sup>(4)</sup>	850
Hose size ID (inch)	1½
Die type <sup>(1)</sup>	20
Max opening (mm) <sup>(2)</sup>	+25
Master die shoe length (mm)	80
Motor (kW)	3
Overall dimensions:	
length (mm)	800
width (mm)	630
height (mm)	626
Weight without oil (kg)	157
<p>(1) see table for standard die set data            (2) min. crimping dia of die set added by table value            (3) other voltages upon request            (4) theoretical with ½" hose Ø 10 mm</p>	
Subject to changes without prior notice.	

Technical specifications	32MS
Crimping range Ø (mm)	10... 87
Crimping force (kN)	2000
Number of crimpings/hour <sup>(4)</sup>	850
Hose size ID (inch)	2
Die type <sup>(1)</sup>	32
Max opening (mm) <sup>(2)</sup>	+33
Master die shoe length (mm)	80
Motor (kW)	4
Overall dimensions:	
length (mm)	800
width (mm)	630
height (mm)	637
Weight without oil (kg)	205
<p>(1) see table for standard die set data            (2) min. crimping dia of die set added by table value            (3) other voltages upon request            (4) theoretical with ½" hose Ø 10 mm</p>	
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### Standard die sets for 20MS

Code	Crimping diameter (mm)	L (mm)
20-10	10.0 - 12.0	55
20-12	12.0 - 14.0	55
20-14	14.0 - 16.0	55
20-16	16.0 - 19.0	55
20-19	19.0 - 23.0	55
20-23	23.0 - 27.0	55
20-27	27.0 - 31.0	70
20-31	31.0 - 36.0	70
20-36	36.0 - 41.0	75
20-41	41.0 - 47.0	75
20-47	47.0 - 54.0	85
20-54	54.0 - 61.0	85

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

### Standard die sets for 32MS

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