



# NC60

Finn-Power NC-machines have proven to be the most reliable and widely used nut crimping machines in the industry. NC-machines provide fast and accurate crimping for fitting manufacturing.

NC60 is the biggest and strongest machine in Nut Crimping series. Due to large 160 mm master dies NC60 is ideal also for larger ring crimping and other applications requiring bigger dimensions.

Adjustable back stop enables quick set up for different products.

A special centering pin, selected according to ferrule size, can be used during the crimping.

## TECHNICAL DATA

Crimping range (mm) <sup>1)</sup>	12-160
Crimping range (inch) <sup>1)</sup>	0.47-6.30
Max. crimping force (kN)	1300
Max. crimping force (tonnage)	130
Cycle time 10 mm (s) <sup>2)</sup>	2.8
Hose size ID (inch)	3
Die set series	NC20/30/40/60
Max. opening (mm) <sup>3)</sup>	+29
Max. opening without dies (mm)	166
Master die D/L (mm)	220/57
Master die D/L (inch)	8.66/2.24
Motor Power (kW/HP)	4.0/5.5
Oil tank volume	50 l

## DIMENSIONS (LxWxH)

(mm)	835x1015x997
(inch)	32.9x39.9x39.3

## WEIGHT (KG/LBS)

536/948

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

## CONTROL

ICC

## STANDARD FEATURES

Foot pedal  
Mechanical back stop device  
Pressure crimping ICC1  
Step crimping ICC2

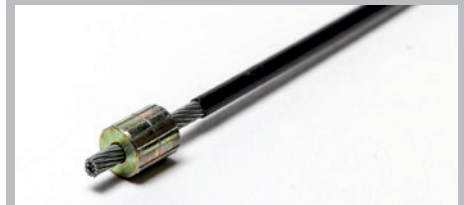
## OPTIONS

Mechanical back stop device  
Auto greasing G3  
Oil cooler \*\*

\*\* Will have impact on motor size, hydraulic unit dimensions and weight.

## OPTIONS (ICC)

Quality control ICC3  
Graphical quality control ICC4  
Remote control unit  
Interface pack ETH (Communication TCP/IP & UDP)  
Bar Code Reader BCR



## DIE SET NC20-SERIES

DieSetNo	D (mm)	L (mm)	Crimp. range (mm)
18546/12	12	3	12.0-16.0
18546/16	16	4	16.0-22.0
18546/22	22	4.5	22.0-27.0
18546/27	27	5	27.0-34.0
18546/34	34	5	34.0-41.0
18546/41	41	5	41.0-49.0

## DIE SET NC30-SERIES

DieSetNo	D (mm)	L (mm)	Crimp. range (mm)
702044/12	12	3	12.0-14.0
702044/14	14	3	14.0-16.0
702044/16	16	4	16.0-19.0
702044/19	19	4	19.0-22.0
702044/22	22	4.5	22.0-26.0
702044/26	26	4.5	26.0-30.0
702044/30	30	5	30.0-34.0
702044/34	34	5	34.0-39.0
702044/39	39	5	39.0-45.0
702044/45	45	5	45.0-51.0
702044/51	51	5	51.0-57.0
702044/57	57	5	57.0-63.0

## DIE SET NC40-SERIES

DieSetNo	D (mm)	L (mm)	Crimp. range (mm)
703955/63	63	5	63.0-69.0
703955/69	69	5	69.2-73.0
703955/73	73	6	73.0-81.0
703955/81	81	7	81.0-93.0
703955/93	93	7	93.0-105.0

## DIE SET NC60-SERIES

DieSetNo	D (mm)	L (mm)	Crimp. range (mm)
715345/100	100	8	100.0-108.0
715345/108	108	8	108.0-116.0
715345/116	116	9	116.0-126.0
715345/126	126	9	126.0-136.0
715345/136	136	10	136.0-146.0
715345/146	146	10	146.0-156.0

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

POWERCO.LILLBACKA.COM LILLBACKAUSA.COM