



# NC20

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.

NC20 can be used also for other applications with short crimping length eg. connectors, small hoses, rings, tubes and sensors.

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.

Also available as Z-model with separate crimping head and hydraulic unit.

TECHNICAL DATA		DIMENSIONS (LxWxH)	
Crimping range (mm) <sup>1)</sup>	12-49	Standard (mm)	835x885x997
Crimping range (inch) <sup>1)</sup>	0,47-1,93	Standard (inch)	32.9x34.8x39.3
Max. crimping force (kN)	500	Z-model head (mm)	321x340x395
Max. crimping force (tonnage)	50	Z-model hydraulic unit (mm)	597x436,5x651
Cycle time 10 mm (s) <sup>2)</sup>	1.5	Z-model head (inch)	12.6x13.4x17.2
Hose size ID (inch)	1 1/4	Z-model hydraulic unit (inch)	25.6x17.2x23.5
Die set series	NC20	WEIGHT (KG/LBS)	
Max. opening (mm) <sup>3)</sup>	+18	Standard	287/485
Max. opening without dies (mm)	117	Z-model head	113/249
Master die D/L (mm)	99/22	Z-model hydraulic unit	103/227
Master die D/L (inch)	3.90/0.87		
Motor Power (kW/HP)	3.0/4.0		
Oil tank volume	50 l		
Z-model availability	YES		

Power supply cable not included.

- 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.

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

## CONTROL

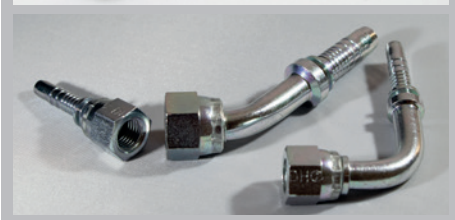
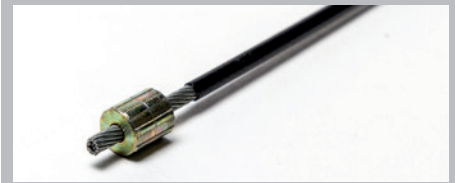
ICC (7" touchscreen)

## STANDARD FEATURES

Foot pedal (Standard)  
Mechanical back stop device  
Pressure crimping ICC1  
Step crimping ICC2

## OPTIONS

Foot pedal (Z-model) (part no 691563)  
Auto greasing G3  
Oil Condition Monitoring OCM  
Quality control ICC3  
Graphical quality control ICC4  
Remote control unit R2 (double hand)  
Interface pack ETH (Communication TCP/IP & UDP)  
A3 signal  
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

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