



NC30

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.

NC30 is equipped with longer master dies and has bit more opening and force than NC20. NC30 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	
Crimping range (mm) ¹⁾	12-63
Crimping range (inch) ¹⁾	0.47-2.48
Max. crimping force (kN)	660
Max. crimping force (tonnage)	66
Cycle time 10 mm (s) ²⁾	1.4
Hose size ID (inch)	2
Die set series	NC30
Max. opening (mm) ³⁾	+26
Max. opening without dies (mm)	125
Master die D/L (mm)	99/35
Master die D/L (inch)	3.90/1.38
Motor Power (kW/HP)	4.0/5.5
Oil tank volume	50 l
Z-model availability	YES

DIMENSIONS (LxWxH)	
Standard (mm)	835x885x997
Standard (inch)	32.9x34.8x39.3
Z-model head (mm)	406x359x395
Z-model hydraulic unit (mm)	597x436.5x651
Z-model head (inch)	15.9x14.1x15.6
Z-model hydraulic unit (inch)	25.6x17.2x23.5
WEIGHT (KG/LBS)	
Standard	288/529
Z-model head	129/284
Z-model hydraulic unit	101/222

- 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.

ABSOLUTE
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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 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

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