



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) ¹⁾ | 12-160 |
| Crimping range (inch) ¹⁾ | 0.47-6.30 |
| Max. crimping force (kN) | 1300 |
| Max. crimping force (tonnage) | 130 |
| Cycle time 10 mm (s) ²⁾ | 2.8 |
| Hose size ID (inch) | 3 |
| Die set series | NC20/30/40/60 |
| Max. opening (mm) ³⁾ | +29 |
| Max. opening without dies (mm) | 249 |
| 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 |

Power supply cable not included.

| DIMENSIONS (LxWxH) | |
|-------------------------------|----------------|
| Standard (mm) | 835x1015x997 |
| Standard (inch) | 32.9x39.9x39.3 |
| Z-model head (mm) | 859x490x653 |
| Z-model hydraulic unit (mm) | 660x473x713 |
| Z-model head (inch) | 33.8x19.3x25.7 |
| Z-model hydraulic unit (inch) | 26x18.6x28.1 |
| WEIGHT (KG/LBS) | |
| Standard | 536/1179 |
| Z-model head | 470/1034 |
| Z-model hydraulic unit | 105/231 |

- 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.

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
Adapter dies for NC40-series (part no 708884)

OPTIONS

Adapter dies for NC20-series (part no 702079)
Adapter dies for NC30-series (part no 702758)
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 |

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 | 69.0-73.0 |
| 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.