



## Crimping Tool HPA400

The system developed by Novopress enables top quality crimping operations for various cable lugs and cross-sections (copper or aluminium) without changing dies. This system ensures continual operational readiness and safety while saving time.

At a weight of just 5.7 kg, the new generation of HPA400 crimping tools are lighter and easier to handle than their predecessors. The 2-stage piston pump means noticeably reduced cycle times\*. The housing is ergonomically shaped and features a two-shot moulded handle component - for comfortable and safe working.

All of the benefits of the continuous Novopress indent crimping, tried-and-tested for decades, have been incorporated into the HPA400. The smart automatic compression ensures consistent quality in the crimping operations across the entire cross-section range.

### Advantages

- Significantly lighter weight\*
- Noticeably reduced cycle times\*
- Suitable for virtually all Cu and Al cable lug types and makes
- Proven indent crimp without changing any dies
- Cross section range from 16-400 mm<sup>2</sup>
- No additional costs for crimping dies
- No incorrect crimping due to an operator error
- USB interface for logging crimping cycles and monitoring the device
- LED illumination of crimp zone
- Two-component rubberized housing and ergonomic design

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\* compared with predecessor model

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### Technical Data

Rated voltage / battery	18 V Li-Ion 1.5 Ah / 3.0 Ah
Power consumption	450 W
Length	approx. 453 mm (excl. battery)
Width	approx. 88 mm
Height	approx. 176 mm
Weight	approx. 5.7 kg (excl. battery)
Crimping range	16 to 400 mm <sup>2</sup> (max. insert diameter 42 mm)
Protection rating	IP 20
Operating temp. range	-10 °C to +50 °C
Sound power level max.	89 db (A) <sup>1)</sup>
Sound pressure level at operator's ear	78 db (A) <sup>1)</sup>
Vibration level	<2.5 m/s <sup>2</sup> <sup>2)</sup>

Measurement inaccuracy: 1) 3 db(A) / 2) 1.5 db(A)



The HPA400 is supplied fully assembled in a sturdy ABS case with two 1.5 Ah rechargeable batteries and charger. The high-quality 18 V Li-Ion battery system from Milwaukee is available worldwide and the 1.5 Ah version provides sufficient power for all standard uses.

If required, a 3.0 Ah battery is also available. Twice as many crimping operations are possible per charge with this battery.

Crimps are type tested according to IEC 61238-1.





Safe handling through two-component rubberized housing and ergonomic design

Crimping cycles can be logged and the device monitored via a USB interface cable

Button with status and service LEDs

LED illumination of crimp zone

Powerful 18 V Li-Ion battery with 1.5 or 3.0 Ah

Crimping is type tested in accordance with IEC 61238-1

No.	Idle current	Cut-off current	(Battery) voltage	Duty cycle	Power retention	Temperature	Error code	Description
25	4.1	9.4	18.8	17.6	16.0	35.0	0x00000000	
24	4.1	9.0	18.7	14.4	13.5	34.7	0x00000000	
23	3.9	11.9	18.7	11.2	10.4	34.1	0x00000000	
22	4.0	10.6	18.9	11.4	10.5	33.9	0x00000000	
21	4.2	11.9	18.1	11.4	10.5	33.8	0x00000000	
20	4.0	12.1	18.2	12.4	11.5	33.7	0x00000000	
19	4.0	7.9	18.3	11.8	11.0	33.5	0x00000000	
18	5.7	11.6	18.8	16.4	14.2	32.7	0x00000000	
17	4.2	9.7	19.3	26.2	24.5	32.6	0x00000000	
16	4.5	9.6	19.6	22.2	21.4	29.0	0x00000000	
15	4.4	13.0	19.8	23.8	22.9	28.1	0x00000000	
14	4.8	11.6	19.8	29.2	1.9	27.7	0x00000000	
13	4.3	8.2	18.4	15.0	14.2	30.9	0x00000000	
12	4.2	12.8	18.4	6.8	5.2	30.7	0x00000000	
11	8.5	13.3	18.2	11.0	4.2	30.0	0x00000000	
10	6.9	13.3	18.4	3.6	2.8	28.4	0x00000000	
9	6.5	7.7	18.7	1.8	1.0	-5.1	0x00000040	Temperature warning
8	7.2	13.4	18.3	3.4	2.6	30.2	0x00000000	
7	6.8	13.4	18.4	3.6	2.7	30.2	0x00000000	
6	4.3	13.7	18.5	16.2	15.3	30.1	0x00000000	
5	9.2	14.2	18.3	6.6	3.2	27.9	0x00000000	
4	4.7	14.6	18.6	7.0	6.2	27.8	0x00000000	
3	4.0	14.0	18.5	8.2	6.7	30.8	0x00000000	
2	4.8	9.8	18.6	15.6	14.1	30.5	0x00000000	
1	4.3	8.0	18.6	18.0	16.4	30.2	0x00000000	

The NovoCrimp software can be used via USB interface to log all of the crimping operations performed and monitor correct performance.

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The universal crimping head makes changing dies unnecessary within the cross section range of 16-400 mm<sup>2</sup>. This means no additional costs for dies and no need for time-consuming die changes. Various copper or aluminium makes of cable lug or connector sleeves can be crimped in just a few seconds. Particularly where space is limited, the 90° rotatable crimping head enables safe and comfortable work.



The HPA400 features a modern, electro-hydraulic battery unit which enables up to 120 crimping operations per charge. At the same time, an accurate battery status indicator prevents unscheduled work breaks. Conventional Milwaukee M18 rechargeable batteries are used which - equipped with modern lithium ion technology - ensure power and longevity.

The HPA400's numerous comfort and performance features include, among others, the integrated LEDs on the front section of the housing. Illumination of the crimping zone enables easy work even in difficult lighting conditions.



We reserve the right to make technical modifications.

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