

EN

Campaign

Battery powered tools



haupa.com

haupa®

In this catalogue, we introduce you to our **battery powered cable cutters, battery powered crimping tools** and our **battery powered pump**. All tools shown here are operated with the same **18 V battery technology**. We want to show our extensive portfolio in a compact summary.

Our new, reliable battery technology!

HAUPA batteries are compatible with MAKITA 18 V charging technology. The HAUPA housing is compatible with MAKITA 18 V batteries. The decisive advantage is a seamless integration into an already existing MAKITA range of devices. A battery, usable in **200+ MAKITA battery powered tools**, including now also in **28 HAUPA battery powered tools**.

To simplify the **purchase decision even further**, we will now offer our battery powered tools, as shown on the left, **in 3 different variants**.

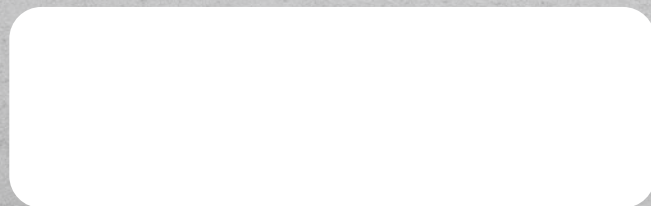
1. **Device + rechargeable battery + charger + transport case** (Smart bar hydraulics in SysCon)
You would like to consistently use products from HAUPA. One brand, one system.
2. **Device without battery, without charger, in transport case** (Smart bar hydraulics in SysCon)
They have all compatible 18 V charging technology.
3. **Device without battery, without charger in box**
They have all compatible 18 V charging technology and have their own transport case system.

New in the program are **adapters**, which facilitate compatibility of our machine with the following 18 V battery technologies and thus call for equal flexibility, as described above with MAKITA:

- **Adapter with device holder HAUPA / MAKITA on BOSCH 18 V batteries**
- **Adapter with device holder HAUPA / MAKITA on MILWAUKEE 18 V batteries**

We are planning further adapter systems for the future.

For questions about the tools, their configuration or purchasing, please contact your specialist dealer:



For additional information, please visit **www.haup.com**

Tool sets

Choose the right set for you

HAUPA always strives for the best user-friendliness, so we offer different options for the scope of your tool set, meaning you can choose precisely what you need. We offer three options:

The full package



This variant contains:

- Machine
- SysCon tool box or system case* incl. inlay
- Battery and charger

This variant always uses the **regular HAUPA article number** as well as the icons:



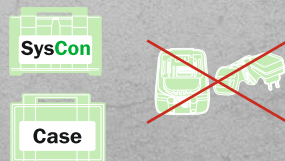
Package without battery & charger



This variant contains:

- Machine
- SysCon tool box or system case* incl. inlay
- No battery and no charger

This variant always uses the regular HAUPA article number **with the addition -NO**, as well as the icons:



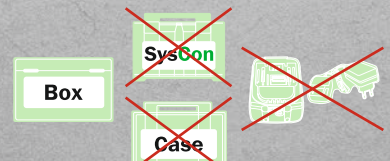
Machine in transport packaging



This variant contains:

- Machine in transport packaging

This variant always uses the normal HAUPA article number **with the addition -N** and the icon:



* Depending on the particular machine, packaging in a SysCon tool box is not possible. In this case, a system case is used. You can recognise this by the corresponding icons.

Batteries

Intelligent force



Compatible with all Li-Ion, 18 volt battery powered tools

- Intelligent battery monitoring, temperature protection LED capacity indicator
- Charging with the HAUPA compact charger Art. 215527 or original MAKITA charging technology possible
- Note: This battery cannot be charged with the HAUPA quick charger Art. 215513

Art. No.

215523	2 Ah
215525	4 Ah

18 V, 2 Ah Li-ion battery



HAUPA batteries are compatible with the **MAKITA** charging technology and can be used in all 18 V Li-ion systems. With the appropriate adapter, you can also use your HAUPA battery powered tool with **BOSCH** or **MILWAUKEE** batteries

Adapter for Bosch batteries 18 V

Art. No.

215529

Adapter for Milwaukee batteries 18 V

Art. No.

215531



Compact charger Li-ion 18 V

Art. No.

215527



haupa.com

HAUPA GmbH & Co. KG, Königstr. 165 - 169, D-42853 Remscheid, Phone: +49 (0)2191 8418-0, Fax: +49 (0)2191 8418-840, E-mail: sales@haupa.com. Prices upon request. Errors and technical changes reserved.

Sensor

18 V, 4 Ah Li-ion battery



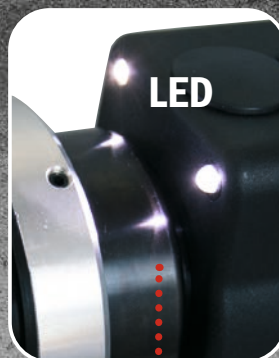
haupa

... convincing solutions

HAUPA sensor technology

- Crimping force kN: 60 - 120
- Working pressure in bar: 700
- Battery powered crimping time in seconds: 4 - 10
- Battery type: Li-Ion, 18 V, 2 - 4 Ah

Workspace lighting



-  LED green: crimping completed in accordance with standards, motor stopped
-  LED orange: battery voltage insufficient
-  LED red: crimping not sufficiently completed
-  Workspace LED flashing: service must be performed



haupa.com

HAUPA GmbH & Co. KG, Königstr. 165 - 169, D-42853 Remscheid, Phone: +49 (0)2191 8418-0, Fax: +49 (0)2191 8418-840, E-mail: sales@haupa.com. Prices upon request. Errors and technical changes reserved.



haupa

... convincing solutions

Hydraulic tool interchangeable head

Once device, four applications

4in1

US-6M

Sensor

Battery powered hydraulics for interchangeable crimping dies, 180° rotating crimping head, manual return after completion of crimping.

- For 4 different changeable heads
- Easy change of heads
- Locked by 2 pull-out pins
- Battery charging time in minutes: 30
- Battery type: Li-Ion, 18 V, 2 Ah
- Crimping force kN: 60
- Working pressure in bar: 700
- Weight without battery in kg: 2,41
- Weight in kg: 2,99
- Set weight in kg: 6,73

60 kN 700 bar 180° 30 min. LI-ION 18V 2Ah Sensor



Art. No.

216760-1

216760-1-NO

216760-1-N



haupa.com

HAUPA GmbH & Co. KG, Königstr. 165 - 169, D-42853 Remscheid, Phone: +49 (0)2191 8418-0, Fax: +49 (0)2191 8418-840, E-mail: sales@haupa.com. Prices upon request. Errors and technical changes reserved.

Crimping head „U-K0-6“

With quick opening. Supplied without dies.

- Head hinged
- Opening / stroke: 17 mm
- Crimping width: narrow
- Cable lug: standard Cu 6-300 / DIN Cu 6-300 / DIN Al 16-240
- Connector: standard Cu 6-300 / DIN Cu 6-300 / DIN Al 16-240



Art. No.

216761



Cutting head „U-KS6-S50“

for copper and aluminium cables



Art. No.

216762



Crimping head „U-KDE240-6“

Crimping head with quick opening, indent crimping, no dies required.

- Head hinged
- Cable lug: standard Cu 16-240
- Connector: standard Cu 16-240



Art. No.

216763



Punching head „U-S-6“

without inserts, including tension rods and adapter

Advantages:

- Head can be rotated by 360°
- Flexible aluminium head

Punching capacity:

Shaped holes 138 x 138 mm (ST37 2,5 mm)
Round holes 150 mm (ST37 3 mm) / 63 mm (VA 2 mm)

60 kN

Art. No.

216764



Universal Set 1

consisting of Art. 216760-1, Art. 216763 and Art. 216762.

For technical data and scope of supply see 216760-1, 216763 and 216762.



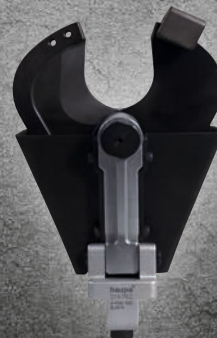
Art. No.

216766

Universal Set 2

consisting of Art. 216760-1, Art. 216761 and Art. 216762.

For technical data and scope of supply see 216760-1, 216761 and 216762.



Art. No.

216767

haupa

... convincing solutions

Battery powered cable cutter



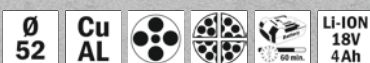
haupa.com

HAUPA GmbH & Co. KG, Königstr. 165 - 169, D-42853 Remscheid, Phone: +49 (0)2191 8418-0, Fax: +49 (0)2191 8418-840, E-mail: sales@haupa.com.
Prices upon request. Errors and technical changes reserved.



AS-52 Battery powered cable cutter

- for copper and aluminium cables, multi-strand
- Diameter 52 mm
- Weight without battery in kg: 2,82
- Weight in kg: 3,40
- Set weight in kg: 7,13



Art. No.

216434-1

216434-1-NO

216434-1-N



AS-52F Battery powered cable cutter

- with special blades for fine-stranded cables
- Weight without battery in kg: 3,17
- Weight in kg: 3,75
- Set weight in kg: 7,48



Art. No.

216436/F-1

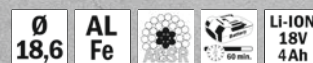
216436/F-1-NO

216436/F-1-N



AS-52ACSR Battery powered cable cutter

- Diameter ACSR 18,6 mm / 120 mm²
- Not suitable for copper cable
- Weight without battery in kg: 3,17
- Weight in kg: 3,75
- Set weight in kg: 7,48



Art. No.

216436-1

216436-1-NO

216436-1-N

haupa

... convincing solutions

Battery powered hydraulic cable cutter



haupa.com

HAUPA GmbH & Co. KG, Königstr. 165 - 169, D-42853 Remscheid, Phone: +49 (0)2191 8418-0, Fax: +49 (0)2191 8418-840, E-mail: sales@haupa.com.
Prices upon request. Errors and technical changes reserved.



AS6-S20

Battery powered hydraulic cable cutter

for cutting AL / Cu cables and ACSR

- Cutting force kN: 60
- Working pressure in bar: 700
- Cutting Ø: 20
- Battery charging time in minutes: 30
- Battery type: Li-Ion, 18 V, 2 Ah
- ACSR
- Sheet and wire reinforcement Cu
- Wire rope, tension wire
- Soft steel bar
- Lead sheath cable
- Weight without battery in kg: 2,64
- Weight in kg: 2,99
- Set weight in kg: 6,72



AS6-S32

Battery powered hydraulic cable cutter

for cutting AL / Cu cables

- Cutting force kN: 60
- Working pressure in bar: 700
- Cutting Ø: 32
- Battery charging time in minutes: 30
- Battery type: Li-Ion, 18 V, 2 Ah
- Weight without battery in kg: 3,55
- Weight in kg: 3,91
- Set weight in kg: 7,64



Art. No.

216418-1

216418-1-NO

216418-1-N



Art. No.

216419-1

216419-1-NO

216419-1-N

Battery powered hydraulic cable cutter



AS6-40

Battery powered hydraulic cable cutter

Cutting head 180° rotatable, manual return, LED for battery control, carrying strap, for copper and aluminium cables and steel ropes. Two white LEDs for illumination of the respective work space.

- Cutting force kN: 60
- Working pressure in bar: 700
- Cutting Ø: 40
- Battery charging time in minutes: 60
- Battery type: Li-Ion, 18 V, 4 Ah
- Weight without battery in kg: 5,64
- Weight in kg: 6,22
- Set weight in kg: 10,29



Art. No.

216422-1

216422-1-N0

216422-1-N

AS6-52 (ACSR)

Battery powered hydraulic cable cutter

Cutting head 180° rotatable, manual return, LED for battery control, for copper and aluminium cables and armoured steel cables. Two white LEDs for illumination of the respective work space.

- Cutting force kN: 120
- Working pressure in bar: 700
- Cutting Ø: 52
- Battery charging time in minutes: 60
- Battery type: Li-Ion, 18 V, 4 Ah
- ACSR
- Weight without battery in kg: 8,48
- Weight in kg: 9,06
- Set weight in kg: 13,13



Art. No.

216424-1

216424-1-N0

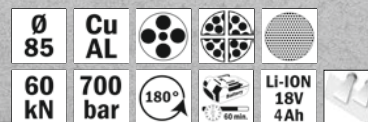
216424-1-N

AS6-85

Battery powered hydraulic cable cutter

Cutting head 180° rotatable, manual return, LED for battery control, for copper and aluminium cables and communications cables. Two white LEDs for illumination of the respective work space.

- Cutting force kN: 60
- Working pressure in bar: 700
- Cutting Ø: 85
- Battery charging time in minutes: 60
- Battery type: Li-Ion, 18 V, 4 Ah
- Weight without battery in kg: 8,3
- Weight in kg: 8,88
- Set weight in kg: 12,95



Art. No.

216428-1

216428-1-N0

216428-1-N



haupa.com

HAUPA GmbH & Co. KG, Königstr. 165 - 169, D-42853 Remscheid, Phone: +49 (0)2191 8418-0, Fax: +49 (0)2191 8418-840, E-mail: sales@haupa.com. Prices upon request. Errors and technical changes reserved.

	Single-strand		wire ropes
	Multi-strand		Armoured steel cable (SWA)
	Sector-shaped		ACSR
	Fine-strand		Bolts
	Communication		Solid steel
			Solid Cu



SAS6-85

Battery powered hydraulic cable cutter

Cutting head 180° rotatable, manual return, LED for battery control, for copper and aluminium cables, armoured steel cables and communications cables. Two white LEDs for illumination of the respective work space.

- Cutting force kN: 60
- Working pressure in bar: 700
- Cutting Ø: 85
- Battery charging time in minutes: 60
- Battery type: Li-Ion, 18 V, 4 Ah
- Armoured steel cable
- Weight without battery in kg: 8,31
- Weight in kg: 8,89
- Set weight in kg: 12,96

Ø 85	Cu AL				
60 kN	700 bar	180°		LI-ION 18V 4Ah	

AS12-S85

Battery powered hydraulic cable cutter

360° rotatable cutting head, manual return, LED for battery control. Two white LEDs for illumination of the respective work space.

- Cutting force kN: 120
- Working pressure in bar: 700
- Battery charging time in minutes: 60
- Battery type: Li-Ion, 18 V, 4 Ah
- Weight without battery in kg: 11,5
- Weight in kg: 12,08
- Set weight in kg: 16,15

Ø 85	Cu AL				
120 kN	700 bar	360°		LI-ION 18V 4Ah	



Art. No.

216430-1

216430-1-N0

216430-1-N



Art. No.

216425-1

216425-1-N0

216425-1-N

haupa

... convincing solutions

Dieless crimping

Crimping tools automatically adjust to the cross section of the wire to be crimped. No complicated exchange of dies required. User errors are minimised.

Sensor
Available with sensor technology



SDE240-6 Battery powered hydraulic crimping tool

180° rotatable crimping head, with quick opening, manual return after completing crimping, no dies required, Indent crimping.

- Crimping force kN: 60
- Working pressure in bar: 700
- Battery powered crimping time in seconds: 5
- Battery charging time in minutes: 30
- Cable lugs: Standard Cu 16-240, Al 50-240
- Connector: Standard Cu 10-240, Al 50-240
- Battery type: Li-Ion, 18 V, 2 Ah
- Weight without battery in kg:
3,18 (216669-1), 3,19 (216669/M-1)
- Weight in kg:
3,53 (216669-1), 3,54 (216669/M-1)
- Set weight in kg:
7,27 (216669-1), 7,28 (216669/M-1)

16-240 Standard	16-240 DIN AL	50-240 Standard	50-240 DIN AL	DIN 46234	
60 kN	700 bar	180°	30 min.	LI-ION 18V 2Ah	

SysCon		SysCon	Box
--------	--	--------	-----

Art. No.		
216669-1	216669-1-NO	216669-1-N
with sensor technology		
216669/M-1	216669/M-1-NO	216669/M-1-N



haupa.com

HAUPA GmbH & Co. KG, Königstr. 165 - 169, D-42853 Remscheid, Phone: +49 (0)2191 8418-0, Fax: +49 (0)2191 8418-840, E-mail: sales@haupa.com.
Prices upon request. Errors and technical changes reserved.



SD300-6 Battery powered hydraulic crimping tool

360° rotatable crimping head, manual return after completing crimping, no dies required, Indent crimping.

- Crimping force kN: 60
- Working pressure in bar: 700
- Crimping width: 4-arbour
- Cable lugs: standard Cu 16-300
- Connector: standard Cu 16-120
- Battery powered crimping time in seconds: 6-12
- Battery charging time in minutes: 30
- Battery type: Li-Ion, 18 V, 2 Ah
- Weight without battery in kg:
3,88 (216663-1), 4,20 (216663/M-1)
- Weight in kg:
4,23 (216663-1), 4,55 (216663/M-1)
- Set weight in kg:
7,97 (216663-1), 8,28 (216663/M-1)



Art. No.

216663-1 216663-1-NO 216663-1-N

with sensor technology

216663/M-1 216663/M-1-NO 216663/M-1-N

SD400-6 Battery powered hydraulic crimping tool

360° rotatable crimping head, manual return after completing crimping, LED for battery control, no dies required, Indent crimping.

- Crimping force kN: 60
- Working pressure in bar: 700
- Head hinged
- Cable lugs: standard Cu 25-400
- Connector: standard Cu 25-400
- Battery powered crimping time in seconds: 6-12
- Battery charging time in minutes: 30
- Battery type: Li-Ion, 18 V, 2 Ah
- Weight without battery in kg:
3,98 (216667-1), 4,17 (216667/M-1)
- Weight in kg:
4,33 (216667-1), 4,52 (216667/M-1)
- Set weight in kg:
8,07 (216667-1), 8,26 (216667/M-1)



Art. No.

216667-1 216667-1-NO 216667-1-N

with sensor technology

216667/M-1 216667/M-1-NO 216667/M-1-N

ADE500-12M Battery powered hydraulic crimping tool

360° rotatable crimping head, manual return after completing crimping, LED for battery control, no dies required, Indent crimping.

- Crimping force kN: 120
- Working pressure in bar: 700
- Head hinged
- Cable lugs: standard Cu 16-400
- Connector: standard Cu 16-400
- Battery powered crimping time in seconds: 6-12
- Battery charging time in minutes: 60
- Battery type: Li-Ion, 18 V, 4 Ah
- Weight without battery in kg: 6,78
- Weight in kg: 7,36
- Set weight in kg: 11,42



Art. No.

with sensor technology
216668/M-1 216668/M-1-NO 216668/M-1-N

haupa

... convincing solutions

Crimping with dies

Sensor

Available with sensor technology



haupa.com

HAUPA GmbH & Co. KG, Königstr. 165 - 169, D-42853 Remscheid, Phone: +49 (0)2191 8418-0, Fax: +49 (0)2191 8418-840, E-mail: sales@haupa.com.
Prices upon request. Errors and technical changes reserved.

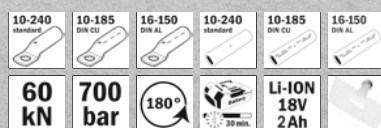


SHs-6

Battery powered hydraulic crimping tool

Hydraulics for interchangeable crimping dies, 180° rotating crimping head, manual return after completion of crimping.

- Crimping force kN: 60
- Working pressure in bar: 700
- Head hinged
- Crimping width: narrow
- Cable lugs: -standard Cu 10-240
- DIN Cu 10-185 - DIN Al 16-150
- Connector: - standard Cu 10-240
- DIN Cu 10-185 - DIN Al 16-150
- Battery powered crimping time in seconds: 5
- Battery type: Li-Ion, 18 V, 2 Ah
- Weight without battery in kg:
2,46 (215770-1), 2,48 (215770/M-1)
- Weight in kg:
2,81 (215770-1), 2,83 (215770/M-1)
- Set weight in kg:
6,54 (215770-1), 6,57 (215770/M-1)



Art. No.

215770-1 215770-1-NO 215770-1-N

with sensor technology

215770/M-1 215770/M-1-NO 215770/M-1-N

SH-6

Battery powered hydraulic crimping tool

Hydraulics for interchangeable crimping dies, 180° rotating crimping head, hinged, with quick opening, manual return after completion of crimping.

- Crimping force kN: 60
- Working pressure in bar: 700
- Head hinged
- Opening / stroke: 17 mm
- Crimping width: narrow
- Cable lugs: -standard Cu 10-240
- DIN Cu 10-240 - DIN Al 16-185
- Connector: standard -Cu 10-240 -DIN Cu 10-240
-DIN Al 16-185
- Battery powered crimping time in seconds: 5
- Battery type: Li-Ion, 18 V, 2 Ah
- Weight without battery in kg:
2,56 (215881-1), 2,59 (215881/M-1)
- Weight in kg:
2,91 (215881-1), 2,94 (215881/M-1)
- Set weight in kg:
6,65 (215881-1), 6,67 (215881/M-1)



Art. No.

215881-1 215881-1-NO 215881-1-N

with sensor technology

215881/M-1 215881/M-1-NO 215881/M-1-N

SO-6

Battery powered hydraulic crimping tool

Hydraulics for interchangeable crimping dies, 180° rotating crimping head, with quick opening, manual return after completion of crimping.

- Crimping force kN: 60
- Working pressure in bar: 700
- Head hinged
- Opening / stroke: 17 mm
- Crimping width: narrow
- Battery powered crimping time in seconds: 5
- Battery type: Li-Ion, 18 V, 2 Ah
- Cable lugs: standard Cu 6-300
- DIN Cu 6-300 - DIN Al 16-240
- Connector: standard Cu 6-300 - DIN Cu 6-300
- DIN Al 16-240
- Weight without battery in kg:
2,99 (216801-1), 3,00 (216801/M-1)
- Weight in kg:
3,34 (216801-1), 3,35 (216801/M-1)
- Set weight in kg:
7,07 (216801-1), 7,09 (216801/M-1)



Art. No.

216801-1 216801-1-NO 216801-1-N

with sensor technology

216801/M-1 216801/M-1-NO 216801/M-1-N

haupa

... convincing solutions

Crimping with dies



Sensor



AO-6

Battery powered hydraulic crimping tool

2-level hydraulics for interchangeable crimping dies, 180° rotating crimping head, with quick opening, manual return after completion of crimping, LED for battery control.

- Crimping force kN: 60
- Working pressure in bar: 700
- Head hinged
- Opening / stroke: 17 mm
- Crimping width: narrow
- Cable lugs: standard Cu 6-300
- DIN Cu 6-300 / DIN Al 16-240
- Connector: standard Cu 6-300
- DIN Cu 6-300 / DIN Al 16-240
- Battery powered crimping time in seconds: 4
- Battery charging time in minutes: 120
- Battery type: Li-Ion 18 V, 4 Ah
- Double piston pump
- Weight without battery in kg: 4,75
- Weight in kg: 5,33
- Set weight in kg: 9,40



Art. No.

with sensor technology

216800-1

216800-1-NO

216800-1-N



haupa.com

HAUPA GmbH & Co. KG, Königstr. 165 - 169, D-42853 Remscheid, Phone: +49 (0)2191 8418-0, Fax: +49 (0)2191 8418-840, E-mail: sales@haupa.com. Prices upon request. Errors and technical changes reserved.



AC25-12 Battery powered hydraulic crimping tool

2-level hydraulics for interchangeable crimping dies, 180° rotating press head, with quick opening, manual return after completion of crimping, light diode for battery control.

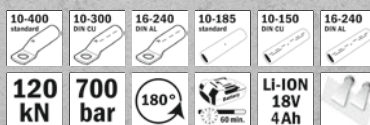
- Crimping force kN: 120
- Working pressure in bar: 700
- Opening / stroke: 25 mm
- Crimping width: wide
- Cable lugs: standard Cu 10-400
- DIN Cu 10-300 - DIN Al 16-240
- Connector: Cu 10-185
- DIN Cu 10-150 - DIN Al 16-120
- Battery powered crimping time in seconds: 6-12
- Battery charging time in minutes: 120
- Battery type: Li-Ion, 18 V, 4 Ah
- Double piston pump
- Weight without battery in kg: 5,90
- Weight in kg: 6,48
- Set weight in kg: 10,55



AC42-12 Battery powered hydraulic crimping tool

2-level hydraulics for interchangeable crimping dies, 180° rotating press head, with quick opening, manual return after completion of crimping, light diode for battery control.

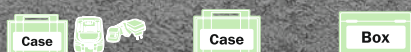
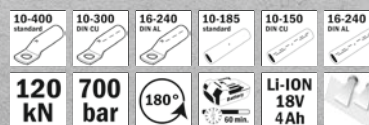
- Crimping force kN: 120
- Working pressure in bar: 700
- Opening / stroke: 42 mm
- Crimping width: wide
- Cable lugs: Cu 10-400
- Connector: Cu 10-400 - DIN Cu 10-300
- DIN Al 16-240
- Battery powered crimping time in seconds: 7-13
- Battery type: Li-Ion, 18 V, 4 Ah
- Double piston pump
- Weight without battery in kg: 7,18
- Weight in kg: 7,76
- Set weight in kg: 11,83



AH-12 Battery powered hydraulic crimping tool

2-level hydraulics for interchangeable crimping dies, 180° rotating crimping head, manual return after completion of crimping, LED for battery control. Crimping tool for deep groove crimping "Deeplindent".

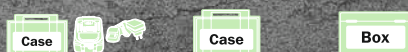
- Crimping force kN: 120
- Working pressure in bar: 700
- Opening / stroke: 20 mm
- Head hinged
- Crimping width: wide
- Cable lugs: -standard Cu 10-400
- DIN Cu 10-300 - DIN Al 16-240
- Connector: standard Cu 10-400
- Battery powered crimping time in seconds: 6-12
- Battery type: Li-Ion, 18 V, 4 Ah
- Double piston pump
- Weight without battery in kg: 6,32
- Weight in kg: 6,90
- Set weight in kg: 10,97



Art. No.

with sensor technology

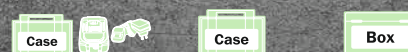
216601-1 216601-1-NO 216601-1-N



Art. No.

with sensor technology

216622-1 216622-1-NO 216622-1-N



Art. No.

with sensor technology

216503-1 216503-1-NO 216503-1-N

haupa

... convincing solutions

Battery powered hydraulic pump system



PA-700

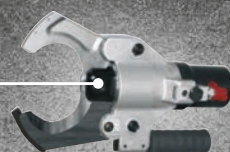
Battery pow. hydraulic pump

2-level hydraulics, with separate manual switch, manual return after completing a crimp, LEDs for battery control, 700 bar operating pressure, incl. quick charger, 1 Li-Ion battery, 4 Ah, carrying strap, 1.8 m hose with quick coupling.

with sensor technology

Art. No.

216357



Ø Cu AL

Art. No.

216415



Ø Cu AL

Art. No.

216408



Ø Cu AL

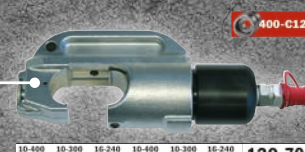
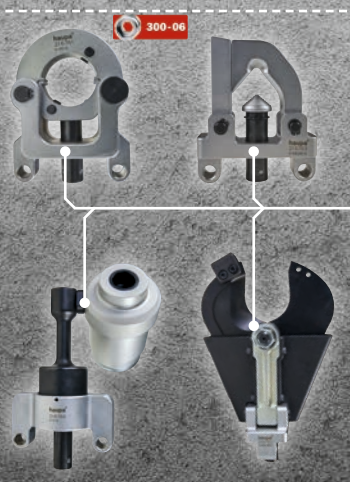
Art. No.

216410



Art. No.

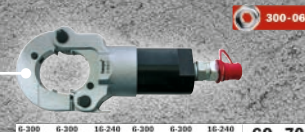
216765



10-400 10-300 16-240 10-400 10-300 16-240 120 700

Art. No.

216005



6-200 6-300 16-240 6-200 6-300 16-240 60 700

Art. No.

216807



10-400 10-300 16-240 10-400 10-300 16-240 120 700

Art. No.

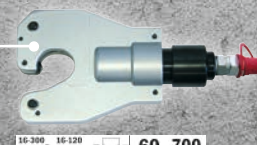
215980



10-400 10-300 16-240 10-185 10-150 16-120 120 700

Art. No.

216004



16-300 16-120 60 700

Art. No.

216665



25-400 25-400 60 700

Art. No.

216666



haupa.com

HAUPA GmbH & Co. KG, Königstr. 165 - 169, D-42853 Remscheid, Phone: +49 (0)2191 8418-0, Fax: +49 (0)2191 8418-840, E-mail: sales@haupa.com. Prices upon request. Errors and technical changes reserved.

Crimping process

Crimping profiles

How to crimp correctly and in line with standards.

1. Choice of connectors

In order to achieve a proper connection, it is necessary to choose the right connector for the desired area of application and the correct cable cross-section. In the large HAUPA assortment, you will find the ideal product for every application.

2. Stripping

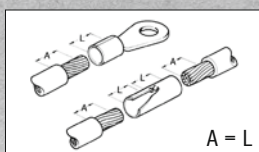
Before each notching process, it is necessary that the cable is stripped without deformation and in the correct length. (+10% - due to elongation of the crimping sleeve)

3. Cleaning

The conductor ends must be thoroughly cleaned of oxidation and dirt residues before installation.

4. Assembly

- The cable with a round cross-section must be inserted into the connector over the entire stripped length.
- Check that there are no wires outside the connector.
If you are using a "sector" cable, you will need to round it in advance.



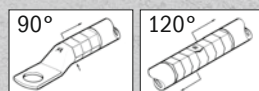
5. Choice of the notching tool

All punches and dies of the HAUPA notch system guarantee a strong hold of the cable in the connector. Correct notching of a cable lug and connector can be found in the illustration.



6. Caution

In the case of Al cable lugs and connectors, excess spilled additives must be wiped off.



7. Tensile strength

When properly processed in accordance with HAUPA crimping instructions with HAUPA crimping tools, a tensile strength according to DIN EN61238-1 is guaranteed.



Cable lugs and Connectors

Our connection materials can be found in HAUPA catalogue as well as on our website:
www.haupa.com

The following crimping dies are available:

Technical information about the different crimping dies for crimping cables with HAUPA cable lugs and connectors.



Hexagonal crimping

for crimping standard copper pipe cable lugs and connectors, tubular cable lugs for switchgear connections, crimping cable lugs and connectors DIN 46235 / DIN 46267, Al-crimping cable lugs and connectors and ferrules



Indent crimping

for crimping standard copper pipe cable lugs and connectors, pipe cable lugs for switchgear connections, crimp cable lugs DIN 46234 and pin cable lugs DIN 46230, insulated crimp terminals, pipe cable lugs for fine-stranded conductors, nickel pipe cable lugs and connectors



Oval crimping

for crimping double crimping cable lugs, C-clamps, insulated pipe cable lugs and connectors, insulated pin terminals, Crimping connectors DIN 48217, insulated cable connections WM crimping for compacted conductors for crimping standard pipe cable lugs.



WM crimping for compacted conductors

for crimping standard pipe cable lugs



Round crimping

of sector conductors 90° and 120°



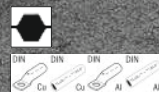
Four-indent crimping

for crimping standard pipe cable lugs and connectors - even on compacted conductors -F-type pipe cable lugs and connectors Light cable lugs and connectors Pipe cable lugs = switchgear.

Crimping dies



185-H6



for standard copper pipe cable lugs and connectors, **hexagonal crimping**

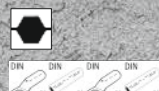
Art. No.	mm ²	PW	kg
215641	10/16	5	0,157
215642	25/35	5	0,155
215643	50/70	5	0,150
215644	95/120	5	0,145
215645	150	5	0,159
215646	185	5	0,156
215648	240	5	0,156

for DIN Al/Cu crimping cable lugs and connectors, **hexagonal crimping**

Art. No.	mm ²	PW	Id.	kg
215650	10/16	5	6/8	0,157
215651	25/35	5	10/12	0,155
215652	50/70	5	14/16	0,150
215653	95/120	5	18/20	0,145
215654	150	5	22	0,159
215655	185	5	25	0,156



240-H6



for standard copper pipe cable lugs and connectors, **hexagonal crimping**

Art. No.	mm ²	kg
215852	10 - 16	0,157
215854	25 - 35	0,155
215856	50 - 70	0,150
215858	95 - 120	0,145
215859	150	0,159
215860	185	0,156
215861	240	0,156

for DIN Al/Cu crimping cable lugs and connectors, **hexagonal crimping**

Art. No.	mm ²	Al	Id.	kg
215862	10 - 16	-	6 - 8	0,155
215864	25 - 35	16 - 25	10 - 12	0,151
215866	50 - 70	35 - 50	14 - 16	0,149
215868	95 - 120	70	18 - 20	0,129
215869	150	95 - 120	22	0,145
215870	185	150	25	0,147
215872	240	185	28	0,114





Crimping dies set Standard Cu

13 standard crimping dies
in practical transport case

Set contains

216806 CU 6, 216808 CU 10,
216810 CU 16, 216812 CU 25,
216814 CU 35, 216816 CU 50,
216818 CU 70, 216820 CU 95,
216822 CU 120, 216824 CU 150,
216826 CU 185, 216828 CU 240,
216830 CU 300

Art. No.

216805-SET

Crimping dies set DIN Cu

12 DIN-Crimping dies
in practical transport case

Set contains

216834 DIN 10, 216836 DIN 16,
216838 DIN 25, 216840 DIN 35,
216842 DIN 50, 216844 DIN 70,
216846 DIN 95, 216848 DIN 120,
216850 DIN 150, 216852 DIN 185,
216854 DIN 240, 216856 DIN 300

Art. No.

216831-SET



Crimping dies set Standard AL

9 standard crimping dies
in practical transport case

Set contains

216812/AL AL 25,
216814/AL AL 35, 216816/AL AL 50,
216818/AL AL 70, 216820/AL AL 95,
216822/AL AL 120, 216824/AL AL 150,
216826/AL AL 185, 216828/AL AL 240

Art. No.

216812/AL-SET

Crimping dies set DIN AL

9 DIN-Crimping dies
in practical transport case

Set contains

216840/AL DIN 16-25,
216842/AL DIN 35, 216844/AL DIN 50,
216846/AL DIN 70, 216850/AL DIN 95-120,
216852/AL DIN 150, 216854/AL DIN 185,
216856/AL DIN 240, 216858/AL DIN 300

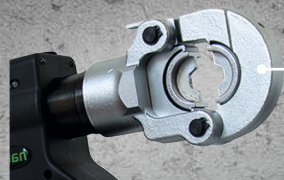
Art. No.

216840/AL-SET

haupa

... convincing solutions

Crimping dies



for DIN crimping cable lugs, Cu

Art. No.	Cu	Id.	PW	kg
216832	6	5	5	0,123
216834	10	6	5	0,122
216836	16	8	5	0,125
216838	25	10	5	0,120
216840	35	12	5	0,120
216842	50	14	5	0,119
216844	70	16	5	0,120
216846	95	18	5	0,120
216848	120	20	5	0,120
216850	150	22	5	0,120
216852	185	25	5	0,120
216854	240	28	5	0,115
216856	300	32	5	0,120



for DIN aluminium pipe cable lugs

Art. No.	Id.	PW	kg
216840/AL	12	7	0,120
216842/AL	14	7	0,119
216844/AL	16	7	0,120
216846/AL	18	7	0,120
216850/AL	22	7	0,120
216852/AL	25	7	0,120
216854/AL	28	7	0,120
216856/AL	32	5	0,115
216858/AL	34	5	0,120



for standard pipe cable lugs and connectors,
also on compacted conductors

Art. No.	Cu	PW	kg
216806/V	6	5	0,136
216808/V	10	5	0,136
216810/V	16	5	0,136
216812/V	25	5	0,135
216814/V	35	5	0,135
216816/V	50	5	0,134
216818/V	70	5	0,132
216820/V	95	5	0,132
216822/V	120	5	0,130
216824/V	150	5	0,128
216826/V	185	5	0,125
216828/V	240	5	0,121
216830/V	300	5	0,118



for "F-type" pipe cable lugs

Art. No.	mm ²	PW	kg
216878	10	8	0,146
216880	16	9	0,153
216882	25	11	0,162
216884	35	13	0,171
216886	50	13	0,167
216888	70	13	0,160
216890	95	13	0,164
216892	120	20	0,174
216894	150	20	0,162
216896	185	8	0,124
216898	240	8	0,119
216899	300	8	0,089



for pre-round die for sector conductors

Art. No.	mm ²	sm	se	kg
216926	10	10	-	0,120
216928	16	16	-	0,120
216930	25 - 35	25	35	0,120
216932	35 - 50	35	50	0,120
216934	50 - 70	50	70	0,120
216936	70 - 95	70	95	0,120
216938	95 - 120	95	120	0,120
216940	120 - 150	120	150	0,240
216942	150 - 185	150	185	0,197
216944	185 - 240	185	240	0,120
216946	240 - 300	240	300	0,120



for ferrules on compacted, thinned conductors

Art. No.	mm ²	kg
216950	6	0,120
216952	10	0,120
216954	16	0,120
216956	25	0,120
216958	35	0,120
216960	50	0,120
216962	70	0,120
216964	95	0,120
216966	120	0,120
216968	150	0,120
216970	185	0,120
216972	240	0,120





for standard pipe cable lugs

Art. No.	mm ²	PW	kg
216806	6	5	0,136
216808	10	5	0,136
216810	16	5	0,136
216812	25	5	0,135
216814	35	5	0,135
216816	50	5	0,134
216818	70	5	0,132
216820	95	5	0,132
216822	120	5	0,130
216824	150	5	0,128
216826	185	5	0,125
216828	240	5	0,121
216830	300	5	0,118

for standard aluminium pipe cable lugs

Art. No.	mm ²	PW	kg
216812/AL	25	7	0,135
216814/AL	35	7	0,135
216816/AL	50	7	0,134
216818/AL	70	7	0,132
216820/AL	95	7	0,132
216822/AL	120	7	0,130
216824/AL	150	7	0,128
216826/AL	185	7	0,125
216828/AL	240	7	0,121



Indent crimping for compacted cables

Art. No.	mm ²	kg
216863	16	0,136
216865	25	0,136
216867	35	0,136
216869	50	0,135
216871	70	0,135
216873	95	0,134
216875	120	0,134
216877	150	0,134

for stripped pipe cable lugs

Art. No.	mm ²	PW	kg
216670	10	5	0,136
216672	16	5	0,136
216674	25	5	0,136
216676	35	5	0,135
216678	50	5	0,135
216680	70	5	0,134
216682	95	5	0,134
216684	120	5	0,134
216686	150	5	0,134



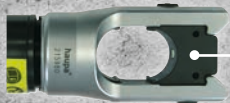
for C-connectors

Art. No.	mm ²	PW	kg
216984	16+25	5	0,135
216985	35	5	0,135
216986	50+70	5	0,134
216987	95	5	0,132
216988	120	5	0,132

for connectors with notch

Art. No.	mm ²	kg
216813	25	0,143
216815	35	0,143
216817	50	0,143
216819	70	0,143
216821	95	0,143
216823	120	0,143

Crimping dies



DIN for copper cable lugs,
Hexagonal crimping

Art. No.	mm ²	ld.	PW	kg
216036	10	6	10	0,248
216038	16	8	10	0,248
216040	25	10	13	0,244
216042	35	12	13	0,235
216044	50	14	13	0,231
216046	70	16	13	0,226
216048	95	18	14	0,229
216050	120	20	14	0,225
216052	150	22	10	0,197
216054	185	25	10	0,193
216056	240	28	10	0,185
216060	300	32	10	0,142



for DIN crimping cable lugs, aluminium,
hexagonal crimping

Art. No.	mm ²	ld.	PW	kg
216042/AL	25	12	12	0,235
216044/AL	35	14	12	0,231
216046/AL	50	16	12	0,226
216048/AL	70	18	12	0,229
216052/AL	95	22	14	0,197
216054/AL	120	25	14	0,193
216056/AL	150	28	5	0,185
216060/AL	185	32	5	0,142
216062/AL	240	34	5	0,142



for standard pipe cable lugs and connectors,
also on thinned, compacted conductors

Art. No.	mm ²	PW	kg
216008/V	10	10	0,211
216010/V	16	10	0,212
216012/V	25	10	0,210
216014/V	35	13	0,207
216016/V	50	13	0,224
216018/V	70	14	0,221
216020/V	95	14	0,226
216022/V	120	14	0,200
216024/V	150	11	0,200
216026/V	185	11	0,191
216028/V	240	11	0,186
216030/V	300	11	0,200
216032/V	400	11	0,200



for "KRF/KRS" pipe cable lugs

Art. No.	mm ²	PW	kg
216160	10	8	0,211
216162	16	8	0,216
216164	25	11	0,227
216166	35	13	0,234
216168	50	13	0,232
216170	70	13	0,111
216172	95	13	0,230
216174	120	20	0,247
216176	150	20	0,235
216178	185	8	0,190
216180	240	8	0,179
216182	300	8	0,126



Pre-round crimping die for sector conductors
round profile

Art. No.	se	sm	kg
216088	70	50	0,518
216090	95	70	0,505
216092	120	95	0,489
216094	150	120	0,474
216096	185	150	0,463
216098	240	185	0,441
216100	300	240	0,406



for ferrules and compacted conductors,
wave profile

Art. No.	mm ²	PW	kg
216112	50	26	0,194
216114	70	26	0,200
216116	95	26	0,188
216118	120	26	0,200
216120	150	26	0,200
216122	185	26	0,200
216123	240	26	0,200





Standard pipe cable lugs and connectors,
hexagonal crimping

Art. No.	mm ²	PW	kg
216008	10	10	0,211
216010	16	10	0,212
216012	25	10	0,210
216014	35	13	0,207
216016	50	13	0,224
216018	70	14	0,221
216020	95	14	0,226
216022	120	14	0,200
216024	150	11	0,200
216026	185	11	0,191
216028	240	11	0,186
216030	300	11	0,200
216032	400	11	0,200



for standard crimping aluminium cable lugs,
hexagonal crimping

Art. No.	mm ²	PW	kg
216012/AL	25	12	0,210
216014/AL	35	12	0,207
216016/AL	50	12	0,224
216018/AL	70	12	0,221
216020/AL	95	14	0,226
216022/AL	120	14	0,200
216024/AL	150	14	0,200
216026/AL	185	14	0,191
216028/AL	240	5	0,186



for ring cable lugs and connectors,
indent crimping

Art. No.	mm ²	PW	kg
216064	10	5	0,200
216066	16	5	0,120
216068	25	5	0,118
216070	35	5	0,116
216072	50	5	0,118
216074	70	5	0,131
216076	95	5	0,119
216078	120	5	0,111
216080	150	5	0,107
216082	185	5	0,095
216084	240	5	0,085
216086	300	5	0,060
216065	10 - 25	5	0,112
216067	35 - 50	5	0,121
216069	70 - 120	5	0,136
216071	150 - 300	5	0,125



stripped cable lugs,
oval crimping

Art. No.	mm ²	PW	kg
216126	10	5	0,200
216128	16	5	0,200
216130	25	5	0,220
216132	35	5	0,218
216134	50	5	0,200
216136	70	5	0,200
216138	95	5	0,200
216140	120	5	0,200
216142	150	5	0,200

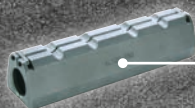
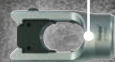


for C-connectors,
oval crimping

Art. No.	mm ²	kg
216148	16 - 25	0,218
216150	35	0,208
216152	50 - 70	0,260
216154	95	0,217
216156	120	0,261



Crimping dies



for pipe cable lugs and connectors,
deep groove crimping

Art. No.	mm ²		kg
216552	50 - 70	Cable lugs	0,211
216554	95 - 185	Cable lugs	0,211
216556	240	Cable lugs	0,211
216562	50 - 70	Connector	0,211
216564	95 - 185	Connector	0,211
216566	240	Connector	0,211

Holder for "Deep Indent" crimping dies

Art. No.	mm ²	kg
216580	50 - 185	0,211
216582	240	0,211



Crimping die for stripping cable lugs

Art. No.	mm ²	size	kg
216574	50 - 70	1	0,211
216576	95 - 185	2	0,211
216578	240	4	0,211



Crimping adapter for stripped cable lugs

Art. No.	size	kg
216570	1 - 4	0,211



HAUPA | Quality tools and connection technology for the electrical trade and the electrical industry.

HAUPA stands for hand tools of the highest quality and safety for the electrical engineer. With our products, we always pay attention to the **HAUPAplus**; the special advantage for our customers. Our passion is to build a good, reliable and safe tool, which the user will enjoy for a long time.

Trust for over 55 years

Hans-Udo Paas founded **HAUPA** in 1961 in Remscheid, the heart of the tool industry. Over the nearly 60-year history of the company, our medium-sized, value-oriented family business has developed into a globally active company. The recipe for success and our stable growth is the combination of **tradition, experience, expertise and innovation**. It is our constant endeavour to develop products of the highest precision, which offer the electrical engineer added value.



QUALITY and SAFETY are hugely important to us!

Our product portfolio includes high-quality system tools and certified cable connection technology for the electrical trade and the electrical industry. In addition, we produce and market a wide range of basic tools for professional use in electrical engineering. The high **quality** of the products is the top priority at **HAUPA**. To ensure this, we constantly carry out **quality checks** in-house.

In recent years, our range has been expanded many times over. In order to be able to serve and satisfy our customers beyond electrical engineering, we are always busy adding new tools and accessories to our portfolio. This allows us to provide a central point of contact in the most diverse fields of the electrical trade.

Logistics and shipping

Thanks to our modern warehouse in Remscheid, we always have a large proportion of our products in stock. Our experienced logistics team strives to ensure that our goods usually make their way to the customer on the day of the order. **Customer satisfaction, your trust and on-time delivery** are our most important goals!



Competent contact person

We personally take care of the questions and problems of our customers. When you get in touch with us, you can be sure that we will help you. Our on-site employees are **professionals in the field**, and some have worked as electrical engineers themselves, making them **the perfect contact person for you**.

If you are not sure which materials you can process with which tool, we would be delighted to help - and answer all other questions, too!

You can reach us **Monday - Thursday from 07.30 - 16.30, Friday from 07.30 - 13.30** on **+49 2191 / 8418-0** or any time at **sales@haupa.com**.



haupa

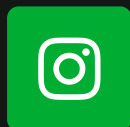
... convincing solutions



haupa.com



HAUPA.RS



haupa_official



HAUPARemscheid



HAUPAdemo

Germany

HAUPA GmbH & Co. KG

Königstraße 165-169

42853 Remscheid

Tel.: +49 (0)2191 84 18-0

Fax: +49 (0)2191 84 18 840

E-Mail: sales@haupa.com

www.haupa.com



HAUPA-Group
www.haupa.com

haupa[®]