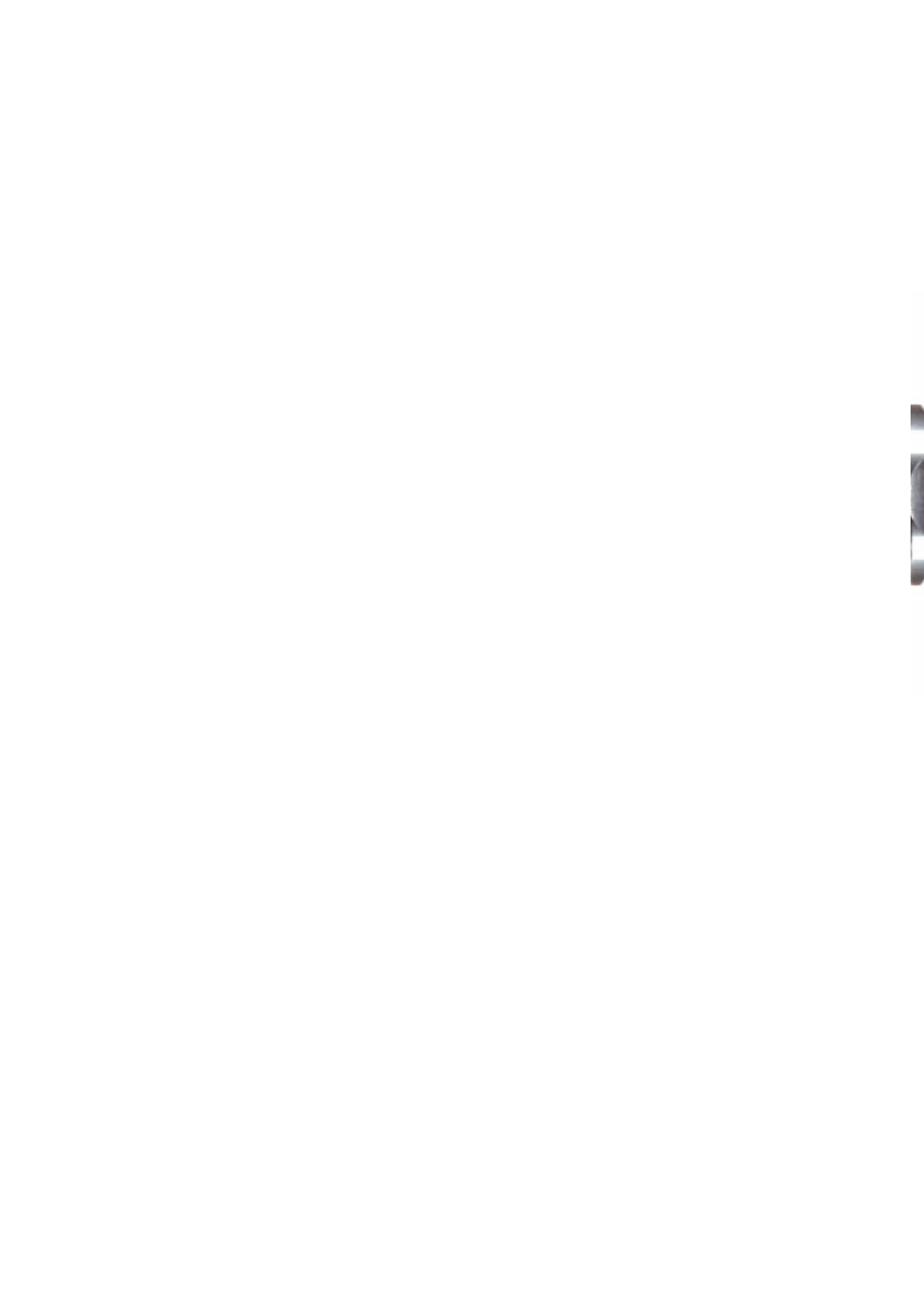


HYDRAULIC TOOLING  
**ELEC CATALOG**



CABLE CUTTING | CONNECTOR CRIMPING | OTHER SPECIAL APPLICATIONS





HYDRAULIC TOOLING

# ELEC CATALOG

# SUMMARY

## EDITORIAL

DUBUIS COMPANY

BRAND HISTORY

QUALITY STANDARDS

RESEARCH & DEVELOPMENT | INNOVATION

PRODUCTION

AFTER-SALES SERVICE | TRAINING

SALES TEAM

TRADE SHOWS

## MANUAL HYDRAULIC TOOLS

### MANUAL HYDRAULIC CUTTING TOOLS

CG25	14
CG40	15
CG55	16
CG85	17

### MANUAL HYDRAULIC CRIMPING TOOLS

D31	18
D36	19
D51	20
D62	21
D80	22
C130-26   -32   -38	23
H130	24

## NEOELEC™ HYDRAULIC TOOLS

### MINI PISTOL TOOLS

BCE025G	28
BCE035i	29
BPE031	30
BPE036	31
BPE055	32
BPE062	33
BPE130	34

### IN LINE TOOLS

BCL025G	38
BCL035i	39
BPL031	40
BPL036	41
BPL055	42
BPL062	43

### PISTOL TOOLS

BCP040G	46
BCP045G	47
BCP055G	48
BCP085G	49
BCP065i	50
BPP062	51
BPP080	52
BPP1301   02   03	53
BPP130U	54
CRIMP CONTROL SOFTWARE	55
NEOELEC™ BATTERIES & CHARGERS	56

---

**NEOELEC™ ACCESSORIES** 57

## HYDRAULIC POWER PACKS

---

POWER PACK/HEAD CONNECTION 60

---

PHP700 61

---

PHE705 62

---

PHE706 63

---

BGH700 64 – 65

---

ACCESSORIES 66

---

FITTINGS & FLEXIBLE HOSES 67

## HYDRAULIC HEADS

### HYDRAULIC CUTTING HEADS

---

XCG25 70

---

XCG40 71

---

XCG45 72

---

XCG55 73

---

XCG85 74

---

XCi35 75

---

XCi65 76

---

XCi95 77

### HYDRAULIC CRIMPING HEADS

---

XD51 78

---

XD62 79

---

XC130-26 | -32 | -38 80

---

XH130 81

---

XH250 82

---

XH450 83

---

XU250 84

## DIE SETS

---

**EARTH CIRCUIT & INDUSTRIAL NETWORK** 88 – 91

---

DIE SETS FOR TUBULAR SLEEVES & LUGS – NFC 20-130

---

DIE SETS FOR C-SHAPED CONNECTORS

---

DIE SETS FOR COPPER FORGED TINNED LUGS

---

DIE SETS FOR BIMETALLIC LUGS INDUSTRIAL NETWORK

---

**LV INSULATED OVERHEAD LINE** 90 – 91

---

DIE SETS FOR INSULATED SLEEVES & LUGS

---

DIE SETS FOR SLEEVES

---

**LV/HVA BARE OVERHEAD LINE** 92 – 95

---

DIE SETS FOR COPPER CONDUCTORS

---

DIE SETS FOR ALUMINUM ALLOY CONDUCTORS

---

DIE SETS FOR ALU./STEEL CONDUCTORS

---

**COPPER OR ALU. SECTORAL CABLE** 94 – 95

---

DIE SETS FOR COPPER OR ALU. SECTORAL CABLE

---

**LV UNDERGROUND LINE** 96

---

DIE SETS FOR ALU. & COPPER – ALU. SLEEVES & LUGS

---

**DIE SETS ACCORDING TO DIN 48083** 96 – 97

## SPECIAL TOOLS

---

ES51 100

---

PO50 101

---

MK31 102

---

BPP1301 – SLEEVING 103

---

BCP20R 104

### HYDRAULIC CRIMPING DIELESS TOOLS

---

BPP050O 106

---

BPP050F 107

---

**TOOLS CONTROL** 108



*The company's outside façade*



DUBUIS, a small business company employing 72 people, belongs to the Stanley Black & Decker Group.

**It designs, manufactures and markets a wide range of manual & battery powered hydraulic products for the electrical industry, railway, sanitary and aeronautic markets.**

DUBUIS takes care about tools manufacturing "Made in France", and leans on local subcontractors to get all the flexibility and reactivity for production. The Research & Development and Production activities are integrated in the plant located in Blois, ensuring the know-how control and products quality.

Recognized for its innovative capabilities, over 1000 customers have placed their trust in DUBUIS. DUBUIS markets its hydraulic tooling in France but also over more than 35 foreign countries, livening up long-term partnerships.

Located for more than 65 years in Blois, in the Loire Valley with its Châteaux, DUBUIS is 1h30 South from Paris, accessible by the A10 motorway or by TGV (high speed train).





Former company premises

# HISTORY

Created in 1949 by Mr Maurice Dubuis, DUBUIS is a precision engineering company specialized in the aeronautic and the military industry. DUBUIS then capitalized its knowledge and expertise to diversify by creating its own products and distributing them in France and on International markets.

In 2001, DUBUIS joined the FACOM Tools Group, where is the centre of expertise in precision engineering and hydraulics.

In 2006, the STANLEY Group bought FACOM Tools and a close synergy was set up with DUBUIS: to develop the sales of DUBUIS tools in US markets and to make DUBUIS the European leader of STANLEY tools for the railway sector.

**Creating of the company**  
by M. DUBUIS.

1949

**Diversification** into other industrial sectors.

1970

Development of the **D30** crimping tool.

1984

Launching of the **railway product range**.

1991

Creation of hydraulic tools for the **plumbing & sanitary segment**.

1993

Creation of the **12V battery operated tool** range.

1994

The company teams up with



2001

Creation of the **14.4V & 18V battery operated tools** range.

2002

The new **D36** model is released.

2005

Integration in the **StanleyBlack&Veche** Group.

2006

**The first in line battery operated tool** is released.

2008

**The Stanley Hydraulic Europe division** is set up.

2011

The **neoLEC™ 18 V Li-Ion** tools range and the **Stanley Hydraulic** tools range are launched.

2012

The **Stanley "V series"** tools line is launched:  
– **BGH**, the new hydraulic power pack is designed.  
– **BPE**, the new battery operated tools are launched.

2014 – 2015

# QUALITY STANDARDS

*Quality, safety and protection of the environment are fundamental to our company. For this reason, we train and inform our staff & suppliers on our requirements and we ensure that these matters are taken into account at all levels, without compromise.*



Hence, Dubuis was rewarded for its global "Quality Safety & Environmental" approach, by obtaining :

- > The **ISO 9001** certification since 1997, rewarding Dubuis' commitment that has always placed quality as a predominant priority by applying a demanding policy aiming to endlessly improve the quality of its products.
- > The **ISO 14001** certification since 2009, for its investment in a sustainable development policy aiming to reduce our environmental impact (reduction in energy consumption, preservation of natural resources, prevention of accidental pollution, optimization of sorting and recycling of all our waste, use of environmentally-friendly materials in the production and packaging processes for our products).
- > The **OHSAS 18001** certification since 2009, promoting its efforts covering occupational safety, health and hygiene and the desire to maintain a safe and healthy working environment for its employees. Therefore, Dubuis makes the safety of its employees its core priority in preventing, controlling and reducing risks related to its activities.
- > The **EN 9100** certification since 2013 testifying its ability to satisfy the most discerning requirements in the aeronautics sector. This demonstrates our rigorous approach to designing and producing optimum quality products.



Control workshop

**These 4 awards confirm Dubuis' approach to continuous improvement and its aspiration to comply with the regulations and requirements of its customers.**



# RESEARCH & DEVELOPMENT

In an industrial world more and more in competition, Research & Development is strategic. Six engineers work in this team, to innovate and give appropriate answers to customers' requests.

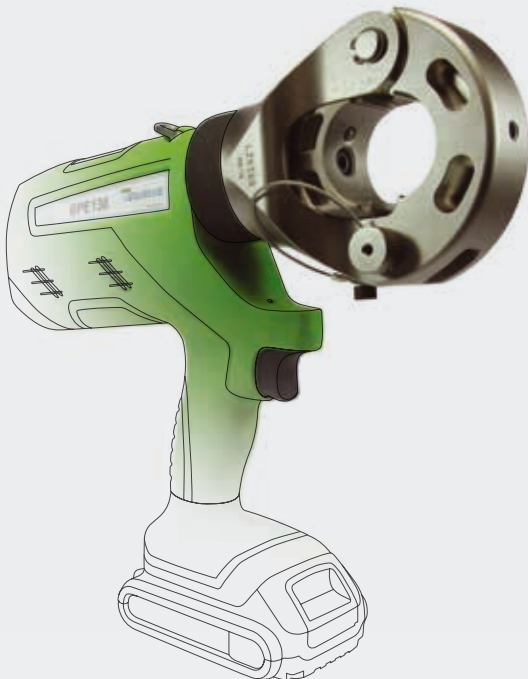
Always in the vanguard of technologies, our 3D design and finite element analysis resources, enable the creation and development of increasingly efficient, light, ergonomic and innovative tools.

The qualification of the hydraulic tooling relies on a complete testing program, including operation in harsh environments, impact and drops tests, field tests... This approach ensures the reliability of the tools.

In compliance with outstanding standards and directives, and by a continuous survey on new materials, Engineering Dept designs new concepts. Patents are applied every year to protect these skills.



*BPE130 tool in the design step.*



*Battery operated tool BPE130*

# INNOVATION

Dubuis bases its developments on **Lithium-Ion technology**, which it incorporated in its entire range of battery-powered electro-hydraulic tools. This new technology, combined with the company's hydraulic expertise, enables us to offer increasingly compact tools with optimum autonomy.

To improve sustainability of our tools over time, a **surface treatment** by Nickel-Phosphorous auto-catalytic plating (white zinc-plated appearance) is applied to the heads, bodies and other main parts of the hydraulic circuit. This new coating is more robust to climatic conditions by eliminating oxidation, while retaining the mechanical properties of the parts and machining precision. This new treatment is also applied on our die sets for an improved durability.

# PRODUCTION

Our technicians are all qualified and skilled: entitled to self-control and responsible of tooling management on their post, they carry on the quality of manufactures.

The machines park is adapted to small and medium series, and to all different machining. The integration in the plant of the manufacturing processes and a production management under "one-piece flow", enable an important flexibility and reactivity.



*CNC lathe & milling center*

- CNC LATHE & MILLING CENTERS
- ELECTRO-EROSION
- GRINDING
- ELECTRO-CHEMICAL PROCESS
- HEAT TREATMENT
- ASSEMBLY
- TESTING



*Hydraulic units*



*Mechanic items*



*After-sales workshop*

## AFTER-SALES SERVICE

The role of the after-sales service is mainly to repair tools as rapidly as possible and in the best conditions, as well as to provide customer care and technical assistance. The after-sales service analyses the maintenance operations to study, in collaboration with the various technical departments, any improvements that could be made to the products.

In 2014, Dubuis created a “Field After-Sales Service” team. This team can visit your company on request.

To make an appointment or request a quotation, please contact Mr Rivière on **+33 (0) 2 54 52 40 00** or via e-mail: **pascal.riviere@dubuis.com**

## TRAINING

DUBUIS organizes with customers and preferred distributors, technical and sales trainings for the hydraulic tooling, as well as the other products ranges. The aim of these courses is to give sales support by a better knowledge of product advantages and marketing benefits. These seminars allow remaining close to the customers' requirements.



*Classroom*

# SALES TEAM

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**E-mail:** commercial@dubuis.com

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41034 BLOIS cedex – **FRANCE**



Sales team

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## ALL OUR TOOLS ARE AVAILABLE ON OUR WEBSITE:

> Product datasheets and complete catalogs available  
for downloading: [www.dubuis.com](http://www.dubuis.com)





Dubuis' stand at Le Bourget Air Show 2015.

## TRADE SHOWS :

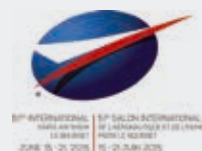
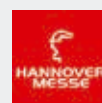
> Every year, DUBUIS takes part in a few trade shows in France and abroad, with our international distributors.

### IN 2015 :

**Middle East Electricity 2015:** In Dubai (UAE) from March 2<sup>nd</sup> to 4<sup>th</sup> 2015  
Strongly oriented to the foreign markets, DUBUIS wants to develop sales in Middle East. For its first participation, it was a success: a great interest for distribution.

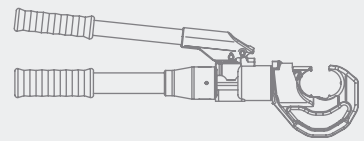
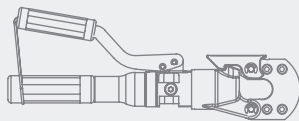
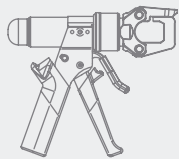
**HANNOVER FAIR:** in Hannover (Germany) from April 13<sup>th</sup> to 17<sup>th</sup> 2015  
This fair is one of the most visited European exhibition for tools. DUBUIS had recorded many demands.

**PARIS AIR SHOW:** In Le Bourget (France) from June 15<sup>th</sup> to 21<sup>st</sup> 2015  
Le Bourget Air Show was a real opportunity to introduce DUBUIS' tooling with the main players in the Aeronautic market.





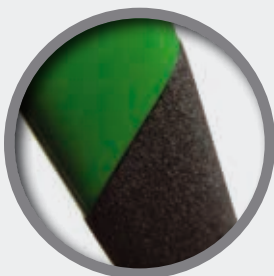
# STRONG, RELIABLE & ERGONOMIC



By release trigger.

**PISTON RETURN**  
By release lever  
(located on fixed handle).

By release lever  
(Located on moveable handle).  
Handle rotation & closure.



**TWO-COLORED  
& ANTI SKID SHEATHS**

**ERGONOMIC  
MOVEABLE HANDLE**

**INSULATED  
HANDLES**



**ROTATIVE HEAD  
AT 180°**  
Working in all positions.
















**INTERCHANGEABLE  
DIE SETS**  
Simple or reversible.



**AUTOMATIC  
RELEASE**  
At pressure setting.  
> Audible click

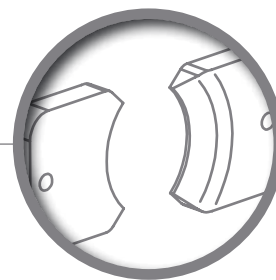


# MANUAL HYDRAULIC TOOLS

CUTTING TOOLS 		CG25	P.14
		CG40	P.15
		CG55	P.16
		CG85	P.17
CRIMPING TOOLS 		D31	P.18
		D36	P.19
		D51	P.20
		D62	P.21
		D80	P.22
		C130-26   -32   -38	P.23
		H130	P.24



**LOCK**  
Enables quick opening and closing head.



# CG25






## HYDRAULIC CUTTING TOOL MANUAL GUILLOTINE TYPE

> Identical force, stroke and capacities as the **XCG25** and the battery operated tools **BCE025G & BCL025G**.

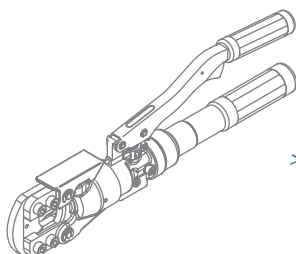
**TYPE OF CABLES**  
copper, aluminum and steel

**MAX. PASSAGE**  
**Ø 25 mm**  
(depending on cables)



-  **NEW REINFORCED BLADES**  
Increase blades life time (> especially for steel cuts).
-  **IDENTICAL BLADE & COUNTER BLADE**  
Improve the cable cutting.
-  **INTERCHANGEABLE BLADES**  
Easy to replace.

<b>FORCE</b>	55 kN
<b>DIMENSIONS</b> (L x l x h in mm)	380 x 60 x 140
<b>WEIGHT</b>	2.940 kg



> Exists in **CG26**, with a 2 speeds hydraulic system (identical cuts capacities as **CG25**).



<b>DIMENSIONS</b> (mm)	490 x 302 x 90
<b>WEIGHT</b>	1.300 kg

> Delivered with the tool.

	TYPE OF CABLES	MAX. HARDNESS	MAX. CUTTING Ø *
<b>MULTI-STRAND CABLES</b>	7 x 19 strands – steel	100 > 120 daN/mm <sup>2</sup>	Ø 15 > 16 mm
	7 x 37 strands – steel	130 > 145 daN/mm <sup>2</sup>	Ø 12 > 13 mm
<b>ELECTRICAL CABLES</b>	Bare – copper/aluminum		300 mm <sup>2</sup>
	Rigid multi-strand – copper/aluminum		Ø 20 > 22 mm
	Semi-rigid multi-strand – copper/aluminum		
<b>ROUND BARS</b>	Copper	< 20 daN/mm <sup>2</sup>	Ø 20 > 22 mm
	Hard copper	20 > 28 daN/mm <sup>2</sup>	Ø 15 > 18 mm
	Aluminum	< 20 daN/mm <sup>2</sup>	Ø 20 > 25 mm
	Mild steel	42 > 45 daN/mm <sup>2</sup>	Ø 12 > 14 mm
	Medium hard steel	50 > 70 daN/mm <sup>2</sup>	Ø 10 mm
<b>INSULATED CABLES</b>	Depends on the thickness of insulation		150 > 240 mm <sup>2</sup>
	Stainless steel	< 150 daN/mm <sup>2</sup>	Ø 8 > 10 mm

\* Other dimensions and cables to be approved with tests.

 Do not use this tool on live cables.





**LOCKING PIN**  
Enables a secure head closing.

# CG40

## HYDRAULIC CUTTING TOOL MANUAL GUILLOTINE TYPE

> Identical force, stroke and capacities as the **XCG40** and the battery operated tool **BCP040G**.

**TYPE OF CABLES**  
copper, aluminum and steel

**MAX. PASSAGE**  
**Ø 40 mm**  
(depending on cables)



- NEW REINFORCED BLADES**  
Increase blades life time (> especially for steel cuts).
- IDENTICAL BLADE & COUNTER BLADE**  
Improve the cable cutting.
- INTERCHANGEABLE BLADES**  
Easy to replace.
- 2 SPEEDS HYDRAULIC SYSTEM**  
For a fast advance.

<b>FORCE</b>	88 kN
<b>DIMENSIONS</b> (L x l x h in mm)	645 x 85 x 165
<b>WEIGHT</b>	5.880 kg



**CANVAS BAG** – Delivered with the tool.

	TYPE OF CABLES	MAX. HARDNESS	MAX. Ø OF CUT (mm) *	
<b>CABLES</b>	Copper	< 40 daN/mm <sup>2</sup>	Ø 32 (630 mm <sup>2</sup> )	
	Aluminum	< 20 daN/mm <sup>2</sup>	Ø 40	
	Hard copper	< 34 daN/mm <sup>2</sup>	Ø 40	
	Steel	< 180 daN/mm <sup>2</sup>	7 x Ø 3.0 (= Ø 9.0) 19 x Ø 2.1 (= Ø 10.5) 19 x Ø 2.3 (= Ø 11.5)	
	Multistrands steel	< 180 daN/mm <sup>2</sup>	Ø 18 (strands quantities: 200)	
	ACSR	< 180 daN/mm <sup>2</sup>	26 x Ø 2.50 + 7 x Ø 1.95 (= Ø 15.85) 26 x Ø 3.06 + 7 x Ø 2.38 (= Ø 19.38) 26 x Ø 3.60 + 7 x Ø 2.80 (= Ø 22.80) 54 x Ø 3.50 + 19 x Ø 2.10 (= Ø 31.50)	
	(medium hard steel)			
	<b>BARS</b>	Steel	< 60 daN/mm <sup>2</sup> < 42 daN/mm <sup>2</sup>	Ø 18 Ø 20
		Copper	< 30 daN/mm <sup>2</sup> < 25 daN/mm <sup>2</sup>	Ø 30 Ø 32
		Aluminum	< 16 daN/mm <sup>2</sup>	Ø 40

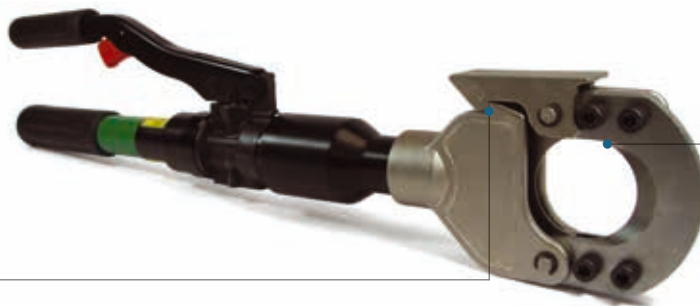
\* Other dimensions and cables to be approved with tests.



Do not use this tool on live cables.



**LOCK**  
Enables quick opening and closing head.



# CG55

## HYDRAULIC CUTTING TOOL MANUAL GUILLOTINE TYPE

> Identical force, stroke and capacities as the **XCG55** and the battery operated tool **BCP055G**.

**TYPE OF CABLES**  
copper and aluminum

**MAX. PASSAGE**  
Ø 55 mm



**NEW COUNTER BLADE**  
Decreases cable distortion when cutting.



**SHARP BLADE & COUNTER BLADE**  
Improve the cable cutting. (> copper and aluminum cables).



**LIGHT & STRONG TOOL**  
Refer to the cutting capacities.



**2 SPEEDS HYDRAULIC SYSTEM**  
For a fast advance.

<b>FORCE</b>	43 kN
<b>DIMENSIONS</b> (L x l x h in mm)	560 x 55 x 140
<b>WEIGHT</b>	3.700 kg



**CANVAS BAG** – Delivered with the tool.



**WIDE OPENING**  
Easy for cables passage.

### MAX. CUTTING CAPACITIES

\* Other dimensions and cables to be approved with tests.

	TYPE OF CABLES	MAX. HARDNESS	SECTIONS	MAX. Ø OF CUT *
<b>CABLES</b>	Copper leads cables		4 x 185 mm <sup>2</sup> or 630 mm <sup>2</sup> max.	
	Underground aluminum		3 x 240 + 1 x 95 mm <sup>2</sup>	Ø 51 mm
	Telephone cables			Ø 55 mm
<b>BARs</b>	Round annealed copper	< 20 daN/mm <sup>2</sup>		Ø 16 – 18 mm
	Round annealed aluminum (A5)	< 16 daN/mm <sup>2</sup>		Ø 20 – 25 mm



Do not use this tool on live cables.




**LOCKING PIN**  
Enables a secure head closing.

# CG85

## HYDRAULIC CUTTING TOOL MANUAL GUILLOTINE TYPE

> Identical force, stroke and capacities as the **XCG85** and the battery operated tool **BCP085G**.

-  **NEW COUNTER BLADE**  
Decreases cable distortion when cutting.
-  **SHARP BLADE & COUNTER BLADE**  
Improve the cable cutting (> copper and aluminum cables).
-  **2 SPEEDS HYDRAULIC SYSTEM**  
For a fast advance.



**WIDE OPENING**  
Easy for cables passage.

**TYPE OF CABLES**  
copper and aluminum

**MAX. PASSAGE**  
Ø 85 mm



<b>FORCE</b>	55 kN
<b>DIMENSIONS</b> (L x l x h in mm)	745 x 72 x 190
<b>WEIGHT</b>	7.600 kg



**CANVAS BAG** – Delivered with the tool.

<b>MAX. CUTTING CAPACITIES</b>	
<b>TYPE OF CABLES</b>	<b>MAX. Ø OF CUT *</b>
<b>UNDERGROUND INSULATED ALUMINUM CABLES</b>	3 x 240 mm <sup>2</sup> + 1 x 95 mm <sup>2</sup> 1 x 630 mm <sup>2</sup> > 800 mm <sup>2</sup>
<b>COPPER CABLES</b>	630 mm <sup>2</sup>
<b>TELEPHONE CABLES</b>	Ø 85 mm

\* Other dimensions and cables to be approved with tests.



Do not use this tool on live cables.



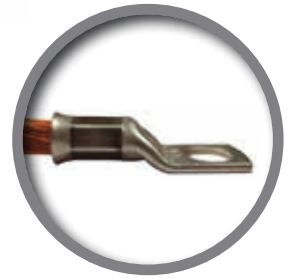
**QUICK OPENING & CLOSING HEAD**  
Easy to replace die sets.

# D31

## MANUAL HYDRAULIC CRIMPING TOOL

> Identical force, stroke and capacities as the battery operated tools BPE031 & BPL031.

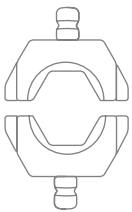
**HEXAGONAL CRIMPING**  
**4 > 95 mm<sup>2</sup>**



**THE MOST COMPACT TOOL ON THE MARKET**  
Ideal for crimping LV/MV lugs.

**NARROW HEAD**  
To work in switchboards.

**LIGHT & ERGONOMIC**  
One hand crimping.



Die sets  
**4 > 95 mm<sup>2</sup>**



**DIE SETS** – Refer to **PAGES 88 – 96**

> Common interchangeable die sets for **D31, BPE031 & BPL031** tools.

<b>STROKE</b>	8 mm
<b>FORCE</b>	35 kN
<b>DIMENSIONS</b> (L x l x h in mm)	200 x 50 x 175
<b>WEIGHT</b>	1.320 kg

APPLICATIONS	SECTIONS
Copper lugs and sleeves – NFC 20-130	4 > 95 mm <sup>2</sup>
Bare or insulated sleeves in copper or alu – EDF	E54 > E173
Copper or alu lugs and sleeves – DIN 48083	KZ4 > KZ18
C-shaped connectors	C6 > C16
Copper lugs and sleeves – NFC 20-130	10 > 70 mm



<b>DIMENSIONS</b> (mm)	350 x 260 x 85
<b>WEIGHT</b>	0.700 kg

> Delivered with the tool.



**QUICK OPENING  
& CLOSING HEAD**  
Easy to replace  
die sets.



## D36

### MANUAL HYDRAULIC CRIMPING TOOL

> Identical force, stroke and capacities as the battery operated tools  
BPE036 & BPL036.



**HEXAGONAL CRIMPING**  
4 > 150 mm<sup>2</sup>



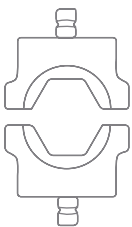
**THE MOST COMPACT TOOL ON THE MARKET**  
Ideal for crimping LV/MV lugs.



**STRONG ALUMINUM FORK**  
Force: 35 kN



**LIGHT & ERGONOMIC**  
One hand crimping.



Die sets  
4 > 150 mm<sup>2</sup>



**DIE SETS** – Refer to **PAGES 88 – 96**

> Common interchangeable die sets  
for **D36, BPL036 & BPE036** tools.

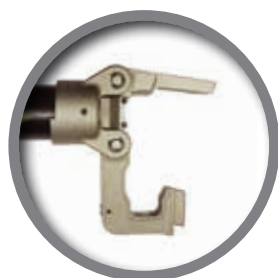
<b>STROKE</b>	8 mm
<b>FORCE</b>	35 kN
<b>DIMENSIONS</b> (L x l x h in mm)	215 x 50 x 175
<b>WEIGHT</b>	1.360 kg

APPLICATIONS	SECTIONS
Copper lugs and sleeves – NFC 20-130	4 > 150 mm <sup>2</sup>
Bare or insulated sleeves in copper or alu – EDF	E54 > E215
Copper or alu lugs and sleeves – DIN 48083	KZ4 > KZ22
C-shaped connectors	C6 > C16
Pre-rounding die sets	10 > 120 mm <sup>2</sup>
Copper lugs and sleeves – NFC 20-130	10 > 95 mm <sup>2</sup>

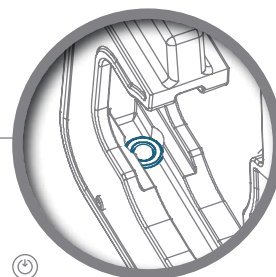


<b>DIMENSIONS</b> (mm)	350 x 260 x 85
<b>WEIGHT</b>	0.700 kg

> Delivered with the tool.



**QUICK OPENING & CLOSING HEAD**  
Easy to replace die sets.

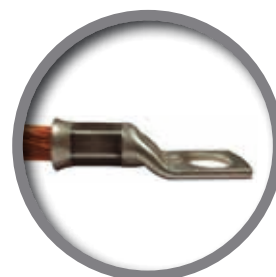


# D51

## MANUAL HYDRAULIC CRIMPING TOOL

> Identical force, stroke and capacities as the **XD51** and the battery operated tools **BPE055** & **BPL055**.

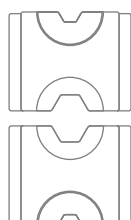
**HEXAGONAL CRIMPING**  
**4 > 240 mm<sup>2</sup>**



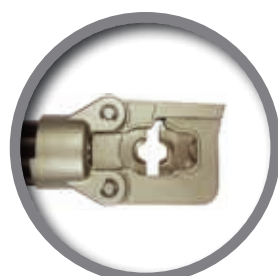
**BALL HEAD DOWEL**  
Enables setting of 38 mm width die (manufactured by **DUBUIS**) or 30 mm (manufactured by other companies).



**INTERCHANGEABLE DIE SETS**  
Simple or reversible.



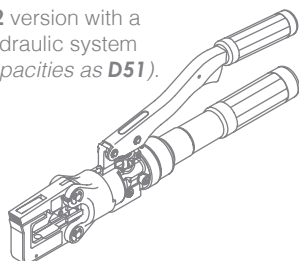
Die sets  
**4 > 240 mm<sup>2</sup>**



**DIE SETS** – Refer to **PAGES 88 – 96**

> Common interchangeable die sets for **D51, XD51, BPE055** & **BPL055**.

> Exists in **D52** version with a 2 speeds hydraulic system (identical capacities as **D51**).



<b>STROKE</b>	13 mm
<b>FORCE</b>	55 kN
<b>DIMENSIONS</b> (L x l x h in mm)	380 x 65 x 140
<b>WEIGHT</b>	2.280 kg

APPLICATIONS	SECTIONS
Copper lugs and sleeves – NFC 20-130	4 > 240 mm <sup>2</sup>
Bare or insulated sleeves in copper or alu – EDF	E54 > E215
Copper or alu lugs and sleeves – DIN 48083	KZ6 > KZ32
C-shaped connectors	C6 > C35
Pre-rounding die sets	6 > 240 mm <sup>2</sup>
Copper lugs and sleeves – NFC 20-130	10 > 120 mm <sup>2</sup>



<b>DIMENSIONS</b> (mm)	490 x 302 x 90
<b>WEIGHT</b>	1.300 kg

> Tray for 12 die sets.  
> Delivered separately.



**QUICK OPENING & CLOSING HEAD**  
Easy to replace die sets.



# D62

## MANUAL HYDRAULIC CRIMPING TOOL

> Identical force, stroke and capacities as the **XD62** and the battery operated tools **BPE062**, **BPL062** & **BPP062**.

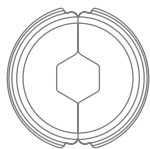
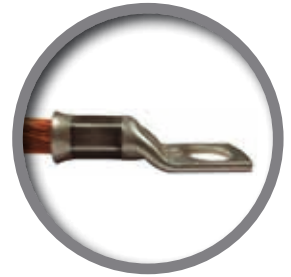


**COMPATIBLE DIE SETS**  
With 80 kN & 130 kN ranges.

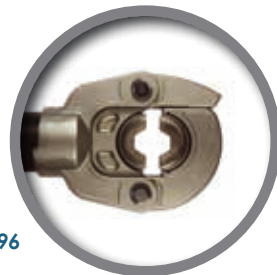


**2 SPEEDS HYDRAULIC SYSTEM**  
For a fast advance.

**HEXAGONAL CRIMPING**  
**6 > 300 mm<sup>2</sup>**



Die sets  
**6 > 300 mm<sup>2</sup>**



**DIE SETS** – Refer to **PAGES 88 – 96**

> Common interchangeable die sets for **D62**, **XD62**, **BPE062**, **BPL062** & **BPP062**.

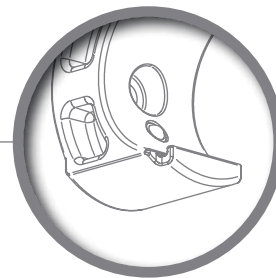
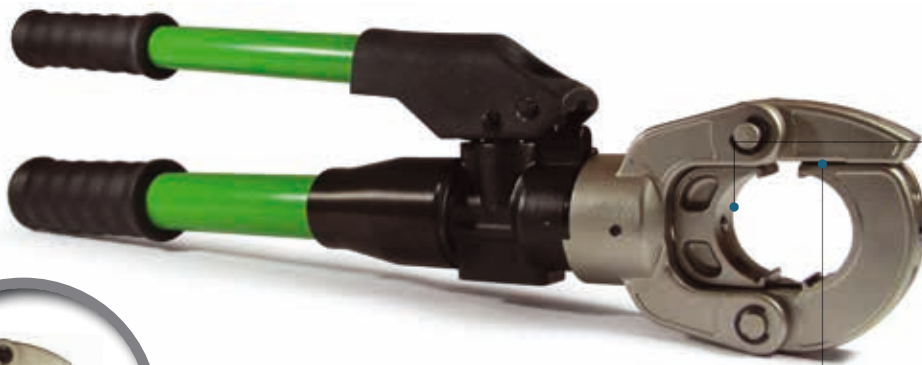
<b>STROKE</b>	13 mm
<b>FORCE</b>	62 kN
<b>DIMENSIONS</b> (L x l x h in mm)	420 x 53 x 150
<b>WEIGHT</b>	2.850 kg

APPLICATIONS	SECTIONS
Copper lugs and sleeves – NFC 20-130	6 > 300 mm <sup>2</sup>
Bare or insulated sleeves in copper or alu.	E54 > E280
Copper or alu lugs and sleeves – DIN 48083	KZ6 > KZ34
C-shaped connectors	C10 > C50
Pre-rounding die sets	25 > 240 mm <sup>2</sup>



<b>DIMENSIONS</b> (mm)	490 x 302 x 90
<b>WEIGHT</b>	1.300 kg

> Tray for 7 die sets.  
> Delivered separately.



**QUICK OPENING & CLOSING HEAD**  
Easy to replace die sets.

# D80

## MANUAL HYDRAULIC CRIMPING TOOL

> Identical force, stroke and capacities as the battery operated tool **BPP080**.



**2 SPEEDS HYDRAULIC SYSTEM**

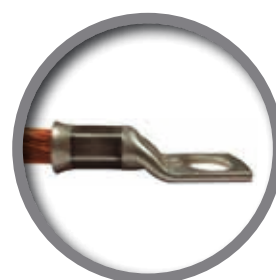
For a fast advance.



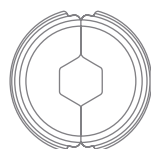
**COMPATIBLE DIE SETS**

With **62 kN & 130 kN** ranges.

**HEXAGONAL CRIMPING**  
**6 > 300 mm<sup>2</sup>**



<b>STROKE</b>	13 mm
<b>FORCE</b>	80 kN
<b>DIMENSIONS</b> (L x l x h in mm)	535 x 57 x 175
<b>WEIGHT</b>	3.860 kg



Die sets  
**6 > 300 mm<sup>2</sup>**



**DIE SETS**

Refer to **PAGES 88 – 96**

> Common interchangeable die sets for **D80 & BPP080 / D62, XD62, BPE062, BPL062 & BPP062**

APPLICATIONS	SECTIONS
Copper lugs and sleeves – NFC 20-130	6 > 300 mm <sup>2</sup>
Copper or alu. lugs and sleeves – DIN 48083	KZ6 > KZ34
C-shaped connectors	C10 > C50
Pre-rounding die sets	25 > 240 mm <sup>2</sup>
Bare or insulated sleeves in copper or alu.	E54 > E280



<b>DIMENSIONS</b> (mm)	680 x 160 x 430
<b>WEIGHT</b>	3.600 kg

> Tray for 24 die sets  
> Delivered separately





> Available with strokes **26, 32, 38 & 44.**  
(please contact us for 44 mm version)

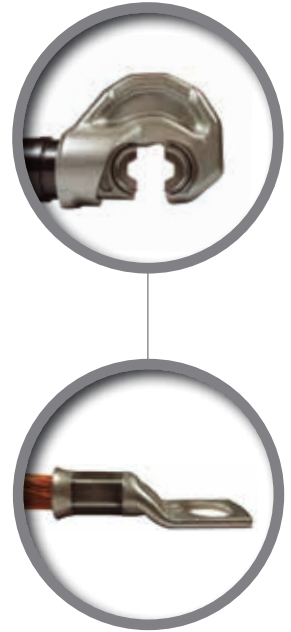


# C130 -26 -32 -38 NEO



## MANUAL HYDRAULIC CRIMPING TOOL

**HEXAGONAL CRIMPING**  
**6 > 400 mm<sup>2</sup>**  
(depending on tool type)



> Identical force, stroke and capacities as the **XC130-xx** and the battery operated tools **BPE130 & BPP130x**.



**2 SPEEDS HYDRAULIC SYSTEM**  
For a fast advance.



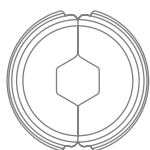
**OVERHEAD LINES CRIMPING**  
Tool designed for this application.



**EQUIPPED WITH MECHANICAL STOP**  
Piston stops at the stroke end.

STROKE	26 mm	32 mm	38 mm
FORCE	130 kN	130 kN	130 kN
DIMENSIONS (mm)	565 x 70 x 160	575 x 70 x 160	590 x 70 x 160
WEIGHT	5.270 kg	5.630 kg	5.740 kg

APPLICATIONS	SECTIONS (-26)	SECTIONS (-32)	SECTIONS (-38)
Copper lugs and sleeves – NFC 20-130	6 > 300 mm <sup>2</sup>	6 > 400 mm <sup>2</sup>	6 > 400 mm <sup>2</sup>
Bare or insulated sleeves in copper or aluminum – EDF	E54 > E235	E54 > E280	E54 > E280
Copper or aluminum lugs and sleeves – DIN 48083	KZ6 > KZ28	KZ6 > KZ32	KZ6 > KZ38
C-shaped connectors	C10 > C70	C10 > C70	C10 > C70
Pre-rounding die sets	50 > 300 mm <sup>2</sup>	50 > 300 mm <sup>2</sup>	50 > 300 mm <sup>2</sup>
Copper lugs and sleeves – NFC 20-130	10 > 240 mm <sup>2</sup>	10 > 240 mm <sup>2</sup>	10 > 240 mm <sup>2</sup>



Die sets  
6 > 400 mm<sup>2</sup>



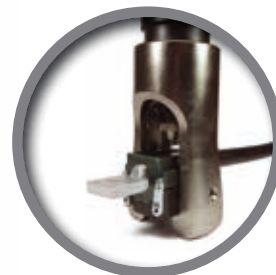
**DIE SETS**  
Refer to **PAGES 89 – 97**

> Common interchangeable die sets  
for **C130-xx, XC130-xx, BPE130 & BPP130x** tools.



<b>DIMENSIONS (mm)</b>	680 x 160 x 430
<b>WEIGHT</b>	3.600 kg

> Tray for 24 die sets  
> Delivered separately



# H130



## MANUAL DEEP INDENTING HYDRAULIC TOOL

**DEEP INDENTING**  
16 > 240 mm<sup>2</sup>

**HEXAGONAL CRIMPING**  
6 > 400 mm<sup>2</sup>

> Identical force, stroke and capacities as the **XH130** and the battery operated tool **BPP130U**.

- HEAD ACCORDING TO HN 68-S-90** (> EDF specifications)  
For underground lines (bimetallic lugs and sleeves).
- MAX. PASSAGE OF 34 mm**  
In the head for large sections.
- MECHANICAL STOP (NEW FEATURE)**  
The piston stops at stroke end.
- 2 SPEEDS HYDRAULIC SYSTEM**  
For a fast advance.

<b>STROKE</b>	26 mm
<b>MAX. PASSAGE</b>	34 mm
<b>FORCE</b>	130 kN
<b>DIMENSIONS</b> (L x l x h in mm)	560 x 80 x 165
<b>WEIGHT</b> (with battery)	5.260 kg



**ASSEMBLY № 1 FOR INDENTING APPLICATION**

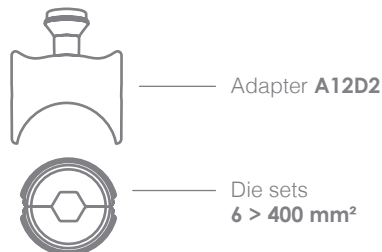
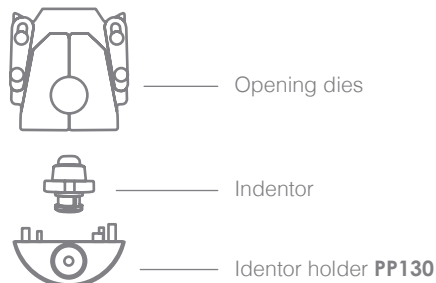
Refer to **PAGES 96**



**ASSEMBLY № 2 FOR CRIMPING APPLICATION**

130 kN crimping die sets can be used in this tool thanks to the adapter **A12D2**.

Refer to **PAGES 89 – 95**



**DIE SETS** – Refer to **PAGES 89 – 97**

> Common interchangeable indentor and opening dies for **H130, XH130 & BPP130U**.



<b>DIMENSIONS</b> (mm)	680 x 160 x 430
<b>WEIGHT</b>	3.600 kg

> Tray for 24 die sets  
> Delivered separately

> steel cable spool cut with the manual tool **CG40**.

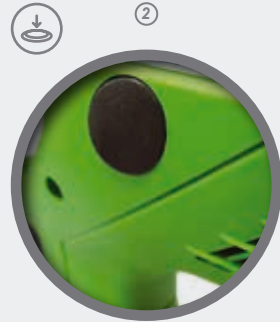




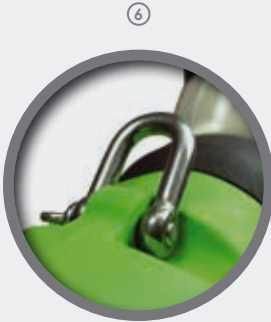
NEW



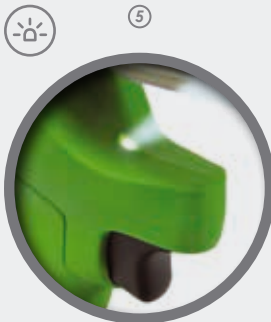
AUTOMATIC RELEASE AT CYCLE END



HAND RELEASE BY EMERGENCY BUTTON



HANDLING RING FOR TRANSPORTATION (STRAP) OR SAFETY CABLE



LED LIGHTING OF THE WORKPLACE



STANLEY 18 V, 2.0 OR 4.0 Ah LI-ION BATTERY  
MORE AUTONOMY  
POWER LIGHT INDICATOR



LIGHT & COMPACT



**LIGHT, COMPACT**

270 × 75 × 245 mm  
2.460 kg  
(for BPE036 tool)



**EASY TO USE**

No electronic card.










**EASY TO HANDLE & ERGONOMIC**

Design for balanced gravity.

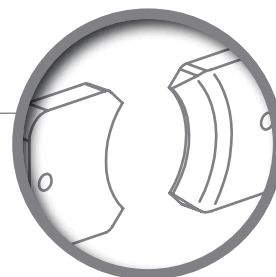


# NEOELEC™ BATTERY OPERATED HYDRAULIC TOOLS TYPE **MINI PISTOL**

CUTTING TOOLS		BCE025G	P.28
		BCE035I	P.29
CRIMPING TOOLS		BPE031	P.30
		BPE036	P.31
		BPE055	P.32
		BPE062	P.33
		BPE130	P.34



**LOCK**  
Enables quick opening and closing head.



NEOELEC™  
**BCE025G**

HYDRAULIC CUTTING TOOL  
MINI PISTOL GUILLOTINE TYPE



> Identical force, stroke and capacities as the **CG25**, **XCG25** and the battery operated tool **BCL025G**.

- NEW REINFORCED BLADES**  
Increase blades life time (> especially for steel cuts).
- IDENTICAL BLADE & COUNTER BLADE**  
Improve the cable cutting.
- INTERCHANGEABLE BLADES**  
Easy to replace.
- ROTATIVE HEAD**  
180°

**TYPE OF CABLES**  
copper, aluminum and steel

**MAX. PASSAGE**  
**Ø 25 mm**  
(depending on cables)



<b>FORCE</b>	55 kN
<b>CUTTING TIME</b>	8 to 12 s
<b>CUTTING CAPACITY</b> – DEPENDS ON MATERIALS	
<b>DIMENSIONS</b> (L x l x h in mm)	300 x 75 x 280
<b>WEIGHT</b> (with battery)	3.400 kg

	TYPE OF CABLES	MAX. HARDNESS	MAX. CUTTING Ø *
<b>MULTI-STRAND CABLES</b>	7 x 19 strands – steel	100 > 120 daN/mm <sup>2</sup>	Ø 15 > 16 mm
	7 x 37 strands – steel	130 > 145 daN/mm <sup>2</sup>	Ø 12 > 13 mm
<b>ELECTRICAL CABLES</b>	Bare – copper/aluminum		300 mm <sup>2</sup>
	Rigid multi-strand – copper/aluminum		Ø 20 > 22 mm
	Semi-rigid multi-strand – copper/aluminum		
<b>ROUND BARS</b>	Copper	< 20 daN/mm <sup>2</sup>	Ø 20 > 22 mm
	Hard copper	20 > 28 daN/mm <sup>2</sup>	Ø 15 > 18 mm
	Aluminum	< 20 daN/mm <sup>2</sup>	Ø 20 > 25 mm
	Mild steel	42 > 45 daN/mm <sup>2</sup>	Ø 12 > 14 mm
	Medium hard steel	50 > 70 daN/mm <sup>2</sup>	Ø 10 mm
<b>INSULATED CABLES</b>	Depends on the thickness of insulation		150 > 240 mm <sup>2</sup>
	Stainless steel	< 150 daN/mm <sup>2</sup>	Ø 8 > 10 mm

\* Other dimensions and cables to be approved with tests.

Do not use this tool on live cables.



<b>DIMENSIONS</b> (mm)	520 x 440 x 130
<b>WEIGHT</b>	2.300 kg

> Case and charger delivered with the tool.  
> NEOELEC™ accessories  
Refer to **PAGE 56 – 57**.

**SHARPENED BLADES**

Ideal for multi strand cables cutting.

**GUIDING SHOE**

Avoids gap between blades.

CE

NEOELEC™

**BCE035i****HYDRAULIC CUTTING TOOL  
MINI PISTOL SCISSORS TYPE**18V  
2Ah

> Identical force, stroke and capacities as the **XCi35** and the battery operated tool **BCL035i**.

**SCISSORS TYPE**

Enables cable cuts in restricted areas (> direct access, without head closing).

**REINFORCED & SHARPENED BLADES**

Enables a clean cut on copper and aluminum cables.

**INTERCHANGEABLE & IDENTICAL BLADES**

Easy to replace.

**ROTATIVE HEAD**

360°



Do not use this tool on live cables.

**TYPE OF CABLES**

multi strand copper and aluminum

**MAX. PASSAGE**

Ø 35 mm



<b>FORCE</b> (at piston)	45 kN
<b>CUTTING TIME</b>	8 to 12 s
<b>CUTTING CAPACITY</b> – DEPENDS ON MATERIALS	
<b>DIMENSIONS</b> (L x l x h in mm)	345 x 80 x 285
<b>WEIGHT</b> (with battery)	3.400 kg

<b>MAX. CUTTING CAPACITIES</b>	Possible cutting tests.
<b>SEMI RIGID MULTI STRAND COPPER CABLE</b>	240 mm <sup>2</sup>
<b>COPPER FLEXIBLE MULTI STRAND CABLE</b>	Ø 35 mm – 300 mm <sup>2</sup>
<b>ALUMINUM MULTI STRAND CABLE</b>	Ø 35 mm
<b>TELEPHONE CABLE</b>	Ø 35 mm

No round bars, no steel sheet reinforced cable either.



**DIMENSIONS** (mm) 520 x 440 x 130

**WEIGHT** 2.300 kg

> Case and charger delivered with the tool.

> **NEOELEC™** accessories  
Refer to **PAGE 56 – 57**.



**QUICK OPENING & CLOSING HEAD**  
Easy to replace die sets.

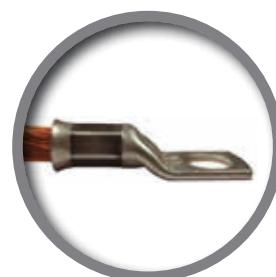
CE

NEOELEC™  
**BPE031**

HYDRAULIC CRIMPING TOOL  
**MINI PISTOL TYPE**

18V  
2Ah

**HEXAGONAL CRIMPING**  
**4 > 95 mm<sup>2</sup>**



> Identical force, stroke and capacities as the manual tool **D31** and the battery operated tool **BPL031**.



**NARROW HEAD**  
To work in switchboards.

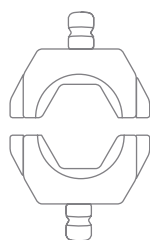


**EXCELLENT RATIO WEIGHT/CAPACITIES**  
2.360 kg – 35 kN – 95 mm<sup>2</sup>

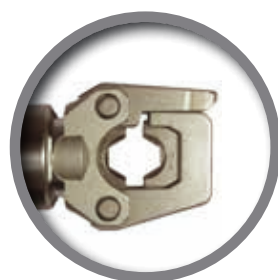


**ROTATIVE HEAD**  
180°

<b>STROKE</b>	8 mm
<b>FORCE</b>	35 kN
<b>CRIMPING TIME</b> (depending on section)	3 to 4 s
<b>BATTERY CAPACITY</b> (for 95 mm <sup>2</sup> copper lug)	270 crimps
<b>DIMENSIONS</b> (L x l x h in mm)	260 x 60 x 240
<b>WEIGHT</b> (with battery)	2.360 kg



Die sets  
**4 > 95 mm<sup>2</sup>**



**DIE SETS** – Refer to **PAGES 88 – 96**

> Common interchangeable die sets for **D31, BPE031 & BPL031** tools.

APPLICATIONS	SECTIONS
Copper lugs and sleeves – NFC 20-130	4 > 95 mm <sup>2</sup>
Bare or insulated sleeves in copper or alu – EDF	E54 > E140
Copper or alu lugs and sleeves – DIN 48083	KZ4 > KZ18
C-shaped connectors	C6 > C16
Copper lugs and sleeves – NFC 20-130	10 > 70 mm <sup>2</sup>



**DIMENSIONS** (mm) 520 x 440 x 130

**WEIGHT** 2.300 kg

> Case and charger delivered with the tool.

> **NEOELEC™** accessories  
Refer to **PAGE 56 – 57**.





**QUICK OPENING & CLOSING HEAD**  
Easy to replace die sets.

CE

## NEOELEC™ BPE036

### HYDRAULIC CRIMPING TOOL MINI PISTOL TYPE

18V  
2Ah

**HEXAGONAL CRIMPING**  
4 > 150 mm<sup>2</sup>

> Identical force, stroke and capacities as the manual tool **D36** and the battery operated tool **BPL036**.



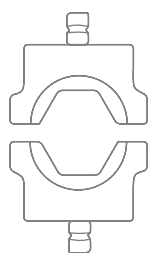
**STRONG ALUMINUM FORK**  
Force: 35 kN



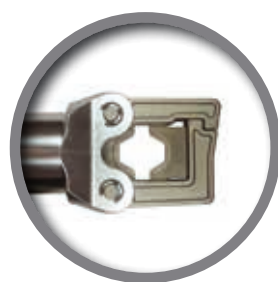
**EXCELLENT RATIO WEIGHT/CAPACITIES**  
2.460 kg – 35 kN – 150 mm<sup>2</sup>



**ROTATIVE HEAD**  
180°



Die sets  
4 > 150 mm<sup>2</sup>



**DIE SETS** – Refer to **PAGES 88 – 96**

> Common interchangeable die sets for **D36**, **BPL036** & **BPE036** tools.

<b>STROKE</b>	8 mm
<b>FORCE</b>	35 kN
<b>CRIMPING TIME</b> (depending on section)	3 to 4 s
<b>BATTERY CAPACITY</b> (for 120 mm <sup>2</sup> copper lug)	260 crimps
<b>DIMENSIONS</b> (L x l x h in mm)	260 x 60 x 265
<b>WEIGHT</b> (with battery)	2.460 kg

APPLICATIONS	SECTIONS
Copper lugs and sleeves – NFC 20-130	4 > 150 mm <sup>2</sup>
Bare or insulated sleeves in copper or alu. – EDF	E54 > E215
Copper or alu lugs and sleeves – DIN 48083	KZ4 > KZ22
C-shaped connectors	C6 > C16
Pre-rounding die sets	10 > 120 mm <sup>2</sup>
Copper lugs and sleeves – NFC 20-130	10 > 95 mm <sup>2</sup>

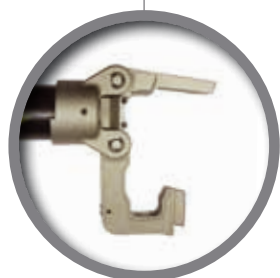


**DIMENSIONS** (mm) 520 x 440 x 130

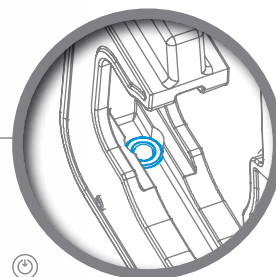
**WEIGHT** 2.300 kg

> Case and charger delivered with the tool.

> **NEOELEC™** accessories  
Refer to **PAGE 56 – 57**.



**QUICK OPENING & CLOSING HEAD**  
Easy to replace die sets.

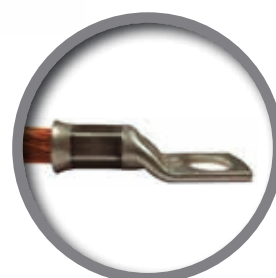


NEOELEC™  
**BPE055**

HYDRAULIC CRIMPING TOOL  
**MINI PISTOL TYPE**

18V  
2Ah

**HEXAGONAL CRIMPING**  
4 > 240 mm<sup>2</sup>



> Identical force, stroke and capacities as the manual tool **D51** and the battery operated tool **BPL055**.



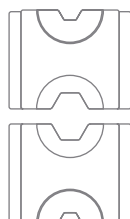
**BALL HEAD DOWEL**  
Enables setting of 38 mm width die (manufactured by DUBUIS) or 30 mm (manufactured by other companies).



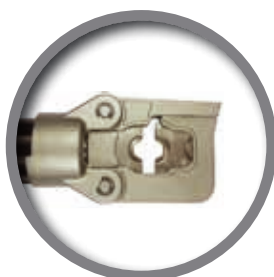
**INTERCHANGEABLE DIE SETS**  
Simple or reversible.



**ROTATIVE HEAD**  
340°



Die sets  
4 > 240 mm<sup>2</sup>



**DIE SETS** – Refer to **PAGES 88 – 96**

> Common interchangeable die sets for **D51, BPE055 & BPL055**.

<b>STROKE</b>	13 mm
<b>FORCE</b>	55 kN
<b>CRIMPING TIME</b> (depending on section)	3 to 5 s
<b>BATTERY CAPACITY</b> (for 185 mm <sup>2</sup> copper lug)	220 crimps
<b>DIMENSIONS</b> (L x l x h in mm)	285 x 60 x 270
<b>WEIGHT</b> (with battery)	3.150 kg

APPLICATIONS	SECTIONS
Copper lugs and sleeves – NFC 20-130	4 > 240 mm <sup>2</sup>
Bare or insulated sleeves in copper or alu – EDF	E54 > E215
Copper or alu lugs and sleeves – DIN 48083	KZ6 > KZ32
C-shaped connectors	C6 > C35
Pre-rounding die sets	6 > 240 mm <sup>2</sup>
Copper lugs and sleeves – NFC 20-130	10 > 120 mm <sup>2</sup>



<b>DIMENSIONS</b> (mm)	520 x 440 x 130
<b>WEIGHT</b>	2.300 kg

> Case and charger delivered with the tool.  
> **NEOELEC™** accessories  
Refer to **PAGE 56 – 57**.



**QUICK OPENING  
& CLOSING HEAD**  
Easy to replace  
die sets.



CE



## NEOELEC™ BPE062

### HYDRAULIC CRIMPING TOOL MINI PISTOL TYPE

18V  
2Ah

**HEXAGONAL CRIMPING**  
6 > 300 mm<sup>2</sup>



> Identical force, stroke and capacities as the **D62**, **XD62**  
and the battery operated tools **BPL062** & **BPP062**.

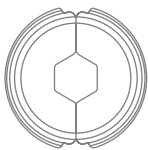


**COMPATIBLE DIE SETS**  
With 80 kN & 130 kN ranges.



**ROTATIVE HEAD**  
340°

<b>STROKE</b>	13 mm
<b>FORCE</b>	62 kN
<b>CRIMPING TIME</b> (depending on section)	3 to 5 s
<b>BATTERY CAPACITY</b> (for 185 mm <sup>2</sup> copper lug)	220 crimps
<b>DIMENSIONS</b> (L x l x h in mm)	290 x 60 x 285
<b>WEIGHT</b> (with battery)	3.550 kg



Die sets  
6 > 300 mm<sup>2</sup>



**DIE SETS** – Refer to **PAGES 88 – 96**

> Common interchangeable die sets  
for **D62**, **XD62**, **BPE062**, **BPL062** & **BPP062**.

#### APPLICATIONS

#### SECTIONS

Copper lugs and sleeves – NFC 20-130	6 > 300 mm <sup>2</sup>
Bare or insulated sleeves in copper or alu.	E54 > E280
Copper or alu lugs and sleeves – DIN 48083	KZ6 > KZ34
C-shaped connectors	C10 > C50
Pre-rounding die sets	25 > 240 mm <sup>2</sup>



**DIMENSIONS** (mm) 520 x 440 x 130

**WEIGHT** 2.300 kg

> Case and charger delivered with the tool.

> **NEOELEC™** accessories  
Refer to **PAGE 56 – 57**.



**LOCKING PIN**  
Enables security when closing head.

CE

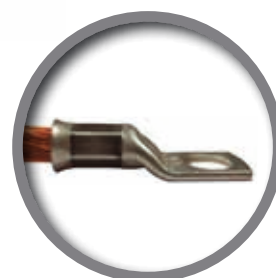


NEOELEC™  
**BPE130**

HYDRAULIC CRIMPING TOOL  
MINI PISTOL TYPE

18V  
2Ah

HEXAGONAL CRIMPING  
6 > 400 mm<sup>2</sup>



> Identical force, stroke and capacities as the C130-xx, XC130-xx and the battery operated tool BPP130x.

**EXCELLENT WEIGHT/CAPACITY RATIO**  
From 6 up to 400 mm<sup>2</sup>.

**STRONG HEAD**  
130 kN

**ROTATIVE HEAD**  
360°

<b>STROKE</b>	12 mm
<b>FORCE</b>	130 kN
<b>CRIMPING TIME</b> (depending on section)	8 to 14 s
<b>BATTERY CAPACITY</b> (for 185 mm <sup>2</sup> copper lug)	50 crimps
<b>DIMENSIONS</b> (L x l x h in mm)	310 x 65 x 300
<b>WEIGHT</b> (with battery)	4.680 kg



**DIE SETS** – Refer to **PAGES 89 – 97**

> Common interchangeable die sets for C130-xx, XC130-xx, BPE130 & BPP130x tools.

APPLICATIONS	SECTIONS
Copper lugs and sleeves – NFC 20-130	6 > 400 mm <sup>2</sup>
Bare or insulated sleeves in copper or alu. – EDF	E54 > E280
Copper or alu lugs and sleeves – DIN 48083	KZ6 > KZ34
C-shaped connectors	C10 > C70
Pre-rounding die sets	50 > 300 mm <sup>2</sup>
Copper lugs and sleeves – NFC 20-130	10 > 240 mm <sup>2</sup>



<b>DIMENSIONS</b> (mm)	520 x 440 x 130
<b>WEIGHT</b>	2.300 kg

> Case and charger delivered with the tool.  
> **NEOELEC™** accessories  
Refer to **PAGE 56 – 57**.



> Crimping with the battery operated tool **BPE062** to change a transformer on electric pole.





①



**ON/OFF BUTTON**  
 WITH EMERGENCY SAVING FUNCTION  
**PLI DISPLAY PANEL FOR:**

- BATTERY CHARGE LEVEL
- CYCLE CONFORMITY
- MAINTENANCE

②



**ROBUST PLASTIC HOUSING**  
WITH RUBBER GRIP

⑥



**WORKING TRIGGER**

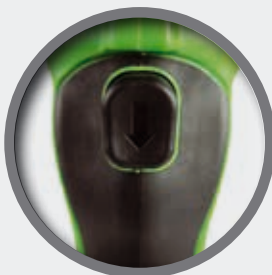


③



**USB CONNECTION PORT**  
FOR DATA ANALYSIS  
& PREVENTIVE MAINTENANCE

⑤



**RELEASE TRIGGER**

④



**LED LIGHTING OF**  
THE WORKPLACE



Electronic protection in case of overpressure.  
 Quick motor stop function at cutting or crimping end for high user safety.  
 Energy saving function for switching off the tool after 10 min.



Cutting or crimping speed improved by a high performance motor.









Audible automatic discharge.



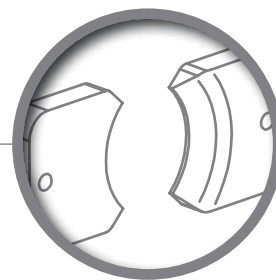
# NEOELEC™ BATTERY OPERATED HYDRAULIC TOOLS

TYPE **IN LINE**

CUTTING TOOLS		BCL025G	P.38
		BCL035I	P.39
CRIMPING TOOLS		BPL031	P.40
		BPL036	P.41
		BPL055	P.42
		BPL062	P.43



**LOCK**  
Enables quick opening and closing head.



NEOELEC™  
**BCL025G**

HYDRAULIC CUTTING TOOL  
IN LINE GUILLOTINE TYPE



> Identical force, stroke and capacities as the **CG25, XCG25** and the battery operated tool **BCE025G**.

**TYPE OF CABLES**

copper, aluminum and steel

**MAX. PASSAGE**

**Ø 25 mm**

(depending on cables)



- NEW REINFORCED BLADES**  
Increase blades life time (> especially for steel cuts).
- IDENTICAL BLADE & COUNTER BLADE**  
Improve the cable cutting.
- INTERCHANGEABLE BLADES**  
Easy to replace.
- ROTATIVE HEAD**  
180°

<b>FORCE</b>	55 kN
<b>CUTTING TIME</b>	8 to 12 s
<b>CUTTING CAPACITY</b> – DEPENDS ON MATERIALS	
<b>DIMENSIONS</b> (L x l x h in mm)	128 x 75 x 400
<b>WEIGHT</b> (with battery)	3.300 kg

	TYPE OF CABLES	MAX. HARDNESS	MAX. CUTTING Ø *
<b>MULTI-STRAND CABLES</b>	7 x 19 strands – steel	100 > 120 daN/mm <sup>2</sup>	Ø 15 > 16 mm
	7 x 37 strands – steel	130 > 145 daN/mm <sup>2</sup>	Ø 12 > 13 mm
<b>ELECTRICAL CABLES</b>	Bare - copper/aluminum		300 mm <sup>2</sup>
	Rigid multi-strand – copper/aluminum		Ø 20 > 22 mm
	Semi-rigid multi-strand – copper/aluminum		
<b>ROUND BARS</b>	Copper	< 20 daN/mm <sup>2</sup>	Ø 20 > 22 mm
	Hard copper	20 > 28 daN/mm <sup>2</sup>	Ø 15 > 18 mm
	Aluminum	< 20 daN/mm <sup>2</sup>	Ø 20 > 25 mm
	Mild steel	42 > 45 daN/mm <sup>2</sup>	Ø 12 > 14 mm
	Medium hard steel	50 > 70 daN/mm <sup>2</sup>	Ø 10 mm
<b>INSULATED CABLES</b>	Depends on the thickness of insulation		150 > 240 mm <sup>2</sup>
	Stainless steel	< 150 daN/mm <sup>2</sup>	Ø 8 > 10 mm

\* Other dimensions and cables to be approved with tests.

Do not use this tool on live cables.



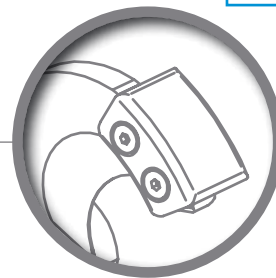
<b>DIMENSIONS</b> (mm)	471 x 415 x 116
<b>WEIGHT</b>	2.050 kg

> Case and charger delivered with the tool.  
> **NEOELEC™** accessories  
Refer to **PAGE 56 – 57**.





**SHARPENED BLADES**  
Ideal for multi strand cables cutting.



**GUIDING SHOE**  
Avoids gap between blades.

# NEOELEC™ BCL035i

## HYDRAULIC CUTTING TOOL IN LINE SCISSORS TYPE

18V  
2Ah

> Identical force, stroke and capacities as the **XCi35** and the battery operated tool **BCE035i**.

- SCISSORS TYPE**  
Enables cable cuts in restricted areas (> direct access, without head closing).
- REINFORCED & SHARPENED BLADES**  
Enables a clean cut on copper and aluminum cables.
- INTERCHANGEABLE & IDENTICAL BLADES**  
Easy to replace.
- ROTATIVE HEAD**  
180°

Do not use this tool on live cables.

**TYPE OF CABLES**  
multi strand copper and aluminum

**MAX. PASSAGE**  
Ø 35 mm



<b>FORCE</b> (at piston)	45 kN
<b>CUTTING TIME</b>	8 to 12 s
<b>CUTTING CAPACITY</b> – DEPENDS ON MATERIALS	
<b>DIMENSIONS</b> (L x l x h in mm)	107 x 78 x 445
<b>WEIGHT</b> (with battery)	3.300 kg

<b>MAX. CUTTING CAPACITIES</b>	Possible cutting tests.
<b>SEMI RIGID MULTI STRAND COPPER CABLE</b>	240 mm <sup>2</sup>
<b>COPPER FLEXIBLE MULTI STRAND CABLE</b>	Ø 35 mm – 300 mm <sup>2</sup>
<b>ALUMINUM MULTI STRAND CABLE</b>	Ø 35 mm
<b>TELEPHONE CABLE</b>	Ø 35 mm

No round bars, no steel sheet reinforced cable either.



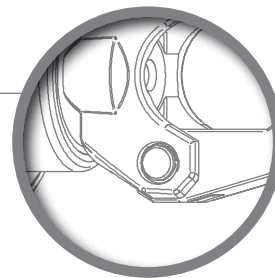
<b>DIMENSIONS</b> (mm)	471 x 415 x 116
<b>WEIGHT</b>	2.050 kg

> Case and charger delivered with the tool.

> **NEOELEC™** accessories  
Refer to **PAGE 56 – 57**.



**QUICK OPENING & CLOSING HEAD**  
Easy to replace die sets.

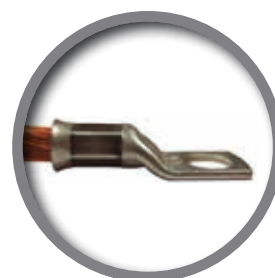


NEOELEC™  
**BPL031**

HYDRAULIC CRIMPING TOOL  
IN LINE TYPE

18V  
2Ah

**HEXAGONAL CRIMPING**  
4 > 95 mm<sup>2</sup>



> Identical force, stroke and capacities as the manual tool **D31** and the battery operated tool **BPE031**.



**NARROW HEAD**  
To work in switchboards.

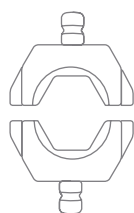


**EXCELLENT RATIO WEIGHT/CAPACITIES**  
2.100 kg – 35 kN – 95 mm<sup>2</sup>

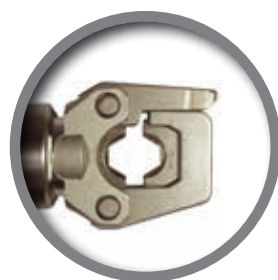


**ROTATIVE HEAD**  
180°

<b>STROKE</b>	8 mm
<b>FORCE</b>	35 kN
<b>CRIMPING TIME</b> (depending on section)	3 to 4 s
<b>BATTERY CAPACITY</b> (for 95 mm <sup>2</sup> copper lug)	270 crimps
<b>DIMENSIONS</b> (L x l x h in mm)	128 x 75 x 340
<b>WEIGHT</b> (with battery)	2.100 kg



Die sets  
4 > 95 mm<sup>2</sup>



**APPLICATIONS**

**SECTIONS**

Copper lugs and sleeves – NFC 20-130	4 > 95 mm <sup>2</sup>
Bare or insulated sleeves in copper or alu. – EDF	E54 > E140
Copper or alu lugs and sleeves – DIN 48083	KZ4 > KZ18
C-shaped connectors	C6 > C16
Copper lugs and sleeves – NFC 20-130	10 > 70 mm



**DIE SETS** – refer to **PAGES 88 – 96**

> Common interchangeable die sets for **D31**, **BPE031** & **BPL031** tools.



<b>DIMENSIONS</b> (mm)	471 x 415 x 116
<b>WEIGHT</b>	2.050 kg

> Case and charger delivered with the tool.  
> **NEOELEC™** accessories  
Refer to **PAGE 56 – 57**.



**QUICK OPENING & CLOSING HEAD**  
Easy to replace die sets.

CE

## NEOELEC™ BPL036

### HYDRAULIC CRIMPING TOOL IN LINE TYPE

 18V  
2Ah

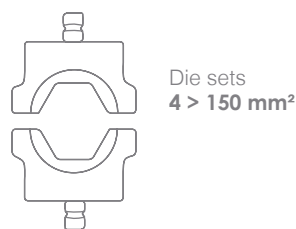
**HEXAGONAL CRIMPING**  
4 > 150 mm<sup>2</sup>

> Identical force, stroke and capacities as the manual tool **D36** and the battery operated tool **BPE036**.

**STRONG ALUMINUM FORK**  
Force: 35 kN

**EXCELLENT RATIO WEIGHT/CAPACITIES**  
2.200 kg – 35 kN – 150 mm<sup>2</sup>

**ROTATIVE HEAD**  
180°



**DIE SETS** – refer to **PAGES 88 – 96**

> Common interchangeable die sets for **D36**, **BPE036** & **BPL036** tools.

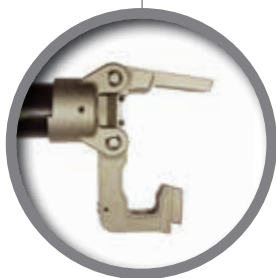
<b>STROKE</b>	8 mm
<b>FORCE</b>	35 kN
<b>CRIMPING TIME</b> (depending on section)	3 to 4 s
<b>BATTERY CAPACITY</b> (for 120 mm <sup>2</sup> copper lug)	260 crimps
<b>DIMENSIONS</b> (L x l x h in mm)	128 x 75 x 355
<b>WEIGHT</b> (with battery)	2.200 kg

APPLICATIONS	SECTIONS
Copper lugs and sleeves – NFC 20-130	4 > 150 mm <sup>2</sup>
Bare or insulated sleeves in copper or alu. – EDF	E54 > E215
Copper or alu lugs and sleeves – DIN 48083	KZ4 > KZ22
C-shaped connectors	C6 > C16
Pre-rounding die sets	10 > 120 mm <sup>2</sup>
Copper lugs and sleeves – NFC 20-130	10 > 95 mm <sup>2</sup>

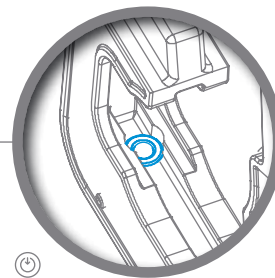
<b>DIMENSIONS</b> (mm)	471 x 415 x 116
<b>WEIGHT</b>	2.050 kg

> Case and charger delivered with the tool.  
> **NEOELEC™** accessories  
Refer to **PAGE 56 – 57**.





**QUICK OPENING & CLOSING HEAD**  
Easy to replace die sets.

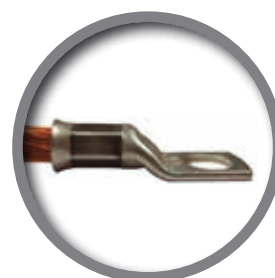


NEOELEC™  
**BPL055**

HYDRAULIC CRIMPING TOOL  
IN LINE TYPE

18V  
2Ah

**HEXAGONAL CRIMPING**  
4 > 240 mm<sup>2</sup>



> Identical force, stroke and capacities as the manual tool **D51** and the battery operated tool **BPE055**.



**BALL HEAD DOWEL**  
Enables setting of 38 mm width die (manufactured by DUBUIS) or 30 mm (manufactured by other companies).

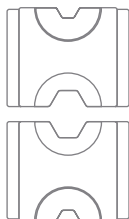


**INTERCHANGEABLE DIE SETS**  
Simple or reversible.

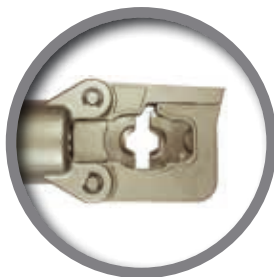


**ROTATIVE HEAD**  
180°

<b>STROKE</b>	13 mm
<b>FORCE</b>	55 kN
<b>CRIMPING TIME</b> (depending on section)	3 to 5 s
<b>BATTERY CAPACITY</b> (for 185 mm <sup>2</sup> copper lug)	220 crimps
<b>DIMENSIONS</b> (L x l x h in mm)	128 x 75 x 390
<b>WEIGHT</b> (with battery)	2.900 kg



Die sets  
4 > 240 mm<sup>2</sup>



APPLICATIONS	SECTIONS
Copper lugs and sleeves – NFC 20-130	4 > 240 mm <sup>2</sup>
Copper or alu. lugs and sleeves – DIN 48083	KZ6 > KZ32
C-shaped connectors	C6 > C35
Pre-rounding die sets	6 > 240 mm <sup>2</sup>
Bare or insulated sleeves in copper or alu.	E54 > E215



**DIE SETS** – refer to **PAGES 88 – 96**

> Common interchangeable die sets for **D51**, **BPE055** & **BPL055** tools.

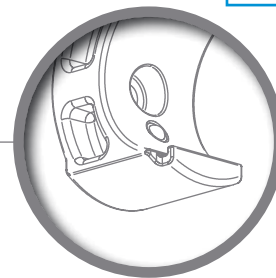


<b>DIMENSIONS</b> (mm)	471 x 415 x 116
<b>WEIGHT</b>	2.050 kg

> Case and charger delivered with the tool.  
> **NEOELEC™** accessories Refer to **PAGE 56 – 57**.



**QUICK OPENING & CLOSING HEAD**  
Easy to replace die sets.



## NEOELEC™ BPL062

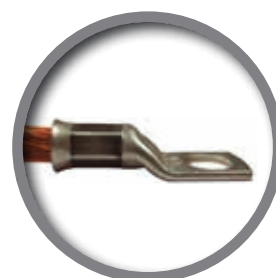
### HYDRAULIC CRIMPING TOOL IN LINE TYPE

18V  
2Ah

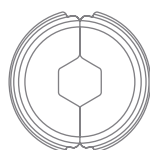
> Identical force, stroke and capacities as the manual tool **D62** and the battery operated tools **BPE062** & **BPP062**.

- VERY LIGHT HEAD**  
Excellent ratio weight/capacities.
- COMPATIBLE DIE SETS**  
With **80 kN** & **130 kN** ranges.
- ROTATIVE HEAD**  
180°

**HEXAGONAL CRIMPING**  
6 > 300 mm<sup>2</sup>



<b>STROKE</b>	13 mm
<b>FORCE</b>	62 kN
<b>CRIMPING TIME</b> (depending on section)	3 to 5 s
<b>BATTERY CAPACITY</b> (for 185 mm <sup>2</sup> copper lug)	220 crimps
<b>DIMENSIONS</b> (L x l x h in mm)	128 x 75 x 395
<b>WEIGHT</b> (with battery)	3.250 kg



Die sets  
6 > 300 mm<sup>2</sup>



**DIE SETS** – refer to **PAGES 88 – 96**

> Common interchangeable die sets for **D62**, **BPE062**, **BPL062** & **BPP062** tools.

APPLICATIONS	SECTIONS
Copper lugs and sleeves – NFC 20-130	6 > 300 mm <sup>2</sup>
Copper or alu. lugs and sleeves – DIN 48083	KZ6 > KZ34
C-shaped connectors	C10 > C50
Pre-rounding die sets	25 > 240 mm <sup>2</sup>
Bare or insulated sleeves in copper or alu.	E54 > E280



<b>DIMENSIONS</b> (mm)	471 x 415 x 116
<b>WEIGHT</b>	2.050 kg

> Case and charger delivered with the tool.  
> **NEOELEC™** accessories  
Refer to **PAGE 56 – 57**.



①



**ON/OFF BUTTON**  
WITH EMERGENCY SAVING FUNCTION  
**LED DISPLAY DISPLAY PANEL FOR :**

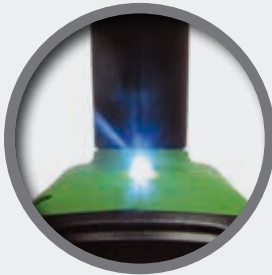
- BATTERY CHARGE LEVEL
- CYCLE CONFORMITY
- MAINTENANCE

②



**ROBUST PLASTIC HOUSING WITH RUBBER GRIP**

⑦



**LED LIGHTING OF THE WORKPLACE**



⑤ & ⑥



**TWO DIFFERENT CONTROL TRIGGERS**

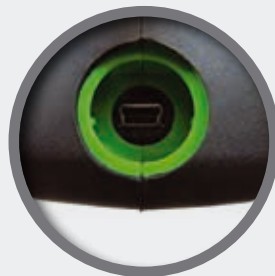
- ⑤ **WORKING TRIGGER**
- ⑥ **RELEASE TRIGGER**

③



**HANDLING RING FOR TRANSPORTATION (STRAP) OR SAFETY CABLE**

④



**USB CONNECTION SOFT FOR DATA ANALYSIS & PREVENTIVE MAINTENANCE**



Mechanical stop at stroke end.  
Maximum operating speed with high performance motor.














Quick motor stop function for high user safety.  
Energy saving function for switching off the tool after 10 min.



2 hydraulic pump stages for improved fast advance.  
Pressure safety system to prevent from pressure failures, with audible click at release.



# NEOELEC™ BATTERY OPERATED HYDRAULIC TOOLS TYPE **PISTOL**

CUTTING TOOLS 		BCP040G	P.46
		BCP045G	P.47
		BCP055G	P.48
		BCP085G	P.49
		BCP065I	P.50
CRIMPING TOOLS 		BPP062	P.51
		BPP080	P.52
		BPP1301   02   03	P.53
		BPP130U	P.54







CE

## NEOELEC™ BCP040G

HYDRAULIC CUTTING TOOL  
PISTOL GUILLOTINE TYPE

18V  
4Ah

> Identical force, stroke and capacities as the **CG40 & XCG40**.

-  **NEW REINFORCED BLADES**  
Increase blades life time (> especially for steel cuts).
-  **IDENTICAL BLADE & COUNTER BLADE**  
Improve the cable cutting.
-  **INTERCHANGEABLE & BLADES**  
Easy to replace.
-  **ROTATIVE HEAD**  
180°

**LOCKING PIN**  
Enables a secure head closing.

**TYPE OF CABLES**  
copper, aluminum and steel

**MAX. PASSAGE**  
**Ø 25 mm**  
(depending on cables)



<b>FORCE</b>	88 kN
<b>CUTTING TIME</b>	8 to 20 s
<b>CUTTING CAPACITY</b> – DEPENDS ON MATERIALS	
<b>DIMENSIONS</b> (L x l x h in mm)	480 x 85 x 325
<b>WEIGHT</b> (with battery)	7.400 kg

> Case and charger delivered with the tool.

> **NEOELEC™** accessories  
Refer to **PAGE 56 – 57**.

	TYPE OF CABLES	MAX. HARDNESS	MAX. Ø OF CUT (mm) *
<b>CABLES</b>	Copper	< 40 daN/mm <sup>2</sup>	Ø 32 (630 mm <sup>2</sup> )
	Aluminum	< 20 daN/mm <sup>2</sup>	Ø 40
	Almelec	< 34 daN/mm <sup>2</sup>	Ø 40
	Steel	< 180 daN/mm <sup>2</sup>	7 x Ø 3,0 (= Ø 9.0) 19 x Ø 2,1 (= Ø 10.5) 19 x Ø 2,3 (= Ø 11.5)
	Multi-steel strands	< 180 daN/mm <sup>2</sup>	Ø 18 (strands quantities : 200)
	ACSR	< 180 daN/mm <sup>2</sup>	26 x Ø 2.50 + 7 x Ø 1.95 (= Ø 15.85) 26 x Ø 3.06 + 7 x Ø 2.38 (= Ø 19.38)
	(medium hard steel)		26 x Ø 3.60 + 7 x Ø 2.80 (= Ø 22.80) 54 x Ø 3.50 + 19 x Ø 2.10 (= Ø 31.50)
<b>BARS</b>	Steel	< 60 daN/mm <sup>2</sup> < 42 daN/mm <sup>2</sup>	Ø 18 Ø 20
	Copper	< 30 daN/mm <sup>2</sup> < 25 daN/mm <sup>2</sup>	Ø 30 Ø 32
	Aluminum	< 16 daN/mm <sup>2</sup>	Ø 40



Do not use this tool on live cables.

\* Other dimensions and cables to be approved with tests.

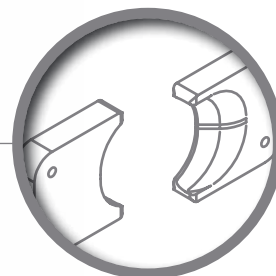




**LOCKING PIN**  
Enables a secure head closing



CE



## NEOELEC™ BCP045G

HYDRAULIC CUTTING TOOL  
PISTOL GUILLOTINE TYPE

18V  
4Ah**TYPE OF CABLES**

copper, aluminum, steel, stainless steel and ACSR

**MAX. PASSAGE**

Ø 45 mm

(depending on cables)



> Identical force, stroke and capacities as the XCG45.

**NEW REINFORCED BLADES**

Increase blades life time (&gt; especially for steel cuts).

**IDENTICAL BLADE & COUNTER BLADE**

Improve the cable cutting.

**INTERCHANGEABLE BLADES**

Easy to replace.

**ROTATIVE HEAD**

220°



Do not use this tool on live cables.

<b>FORCE</b>	130 kN
<b>CUTTING TIME</b>	10 to 30 s
<b>CUTTING CAPACITY</b> – DEPENDS ON MATERIALS	
<b>DIMENSIONS</b> (L x l x h in mm)	510 x 75 x 330
<b>WEIGHT</b> (with battery)	8.500 kg

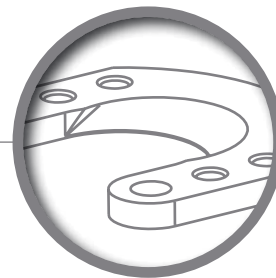
> Case and charger delivered with the tool.

> **NEOELEC™** accessories  
Refer to **PAGE 56 – 57.**

**MAX. CUTTING CAPACITIES**

\* Other dimensions and cables to be approved with tests.

	TYPE OF CABLES	MAX. HARDNESS	MAX. Ø OF CUT (mm) *	
<b>CABLES</b>	Copper	< 40 daN/mm <sup>2</sup>	Ø 45	
	Aluminum	< 20 daN/mm <sup>2</sup>	Ø 45	
	Almelec	< 34 daN/mm <sup>2</sup>	Ø 45	
	Steel	< 180 daN/mm <sup>2</sup>	7 x Ø 3.0 (= Ø 9.0) 19 x Ø 2.1 (= Ø 10.5) 19 x Ø 2.3 (= Ø 11.5)	
	Multi-steel strands	< 180 daN/mm <sup>2</sup>	Ø 18 (strands quantities : 200)	
	ACSR	< 180 daN/mm <sup>2</sup>	26 x Ø 2.50 + 7 x Ø 1.95 (= Ø 15.85) 26 x Ø 3.06 + 7 x Ø 2.38 (= Ø 19.38) 26 x Ø 3.60 + 7 x Ø 2.80 (= Ø 22.80) 54 x Ø 3.50 + 19 x Ø 2.10 (= Ø 31.50) 54 x Ø 4.36 + 19 x Ø 2.62 (= Ø 39.20)	
	(medium hard steel)			
	Inox	> please contact us.		
	<b>BARS</b>	Steel	< 60 daN/mm <sup>2</sup>	Ø 20
			< 42 daN/mm <sup>2</sup>	Ø 22
Copper		< 30 daN/mm <sup>2</sup>	Ø 33	
		< 25 daN/mm <sup>2</sup>	Ø 35	
Aluminum		< 16 daN/mm <sup>2</sup>	Ø 45	



**LOCK**  
Enables quick opening and closing head.

# NEOELEC™ BCP055G

HYDRAULIC CUTTING TOOL  
PISTOL GUILLOTINE TYPE

18V  
4Ah

> Identical force, stroke and capacities as the CG55 & XCG55.

**TYPE OF CABLES**  
copper and aluminum

**MAX. PASSAGE**  
Ø 55 mm



**NEW COUNTER BLADE**  
Decreases cable distortion when cutting.



**SHARP BLADE & COUNTER BLADE**  
Improve the cable cutting (> copper and aluminum cables).



**ROTATIVE HEAD**  
270°

<b>FORCE</b>	43 kN
<b>CUTTING TIME</b>	7 to 15 s
<b>CUTTING CAPACITY</b> – DEPENDS ON MATERIALS	
<b>DIMENSIONS</b> (L x l x h in mm)	500 x 75 x 335
<b>WEIGHT</b> (with battery)	6.400 kg



**WIDE OPENING**  
Easy for cables passage.



<b>DIMENSIONS</b> (mm)	594 x 494 x 149
<b>WEIGHT</b>	3.660 kg

> Case and charger delivered with the tool.  
> **NEOELEC™** accessories  
Refer to **PAGE 56 – 57**.

**MAX. CUTTING CAPACITIES**

\* Other dimensions and cables to be approved with tests.

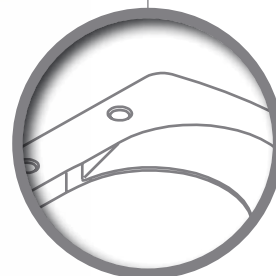
	TYPE OF CABLES	MAX. HARDNESS	SECTIONS	MAX. Ø OF CUT *
<b>CABLES</b>	Copper leads cables		4 x 185 mm <sup>2</sup> or 630 mm <sup>2</sup> max.	
	Underground aluminum		3 x 240 + 1 x 95 mm <sup>2</sup>	Ø 51 mm
	Telephone cables			Ø 55 mm
<b>BARS</b>	Round annealed copper	< 20 daN/mm <sup>2</sup>		Ø 16 – 18 mm
	Round annealed aluminum (A5)	< 16 daN/mm <sup>2</sup>		Ø 20 – 25 mm



Do not use this tool on live cables.



**LOCKING PIN**  
Enables a secure head closing.



## NEOELEC™ BCP085G

HYDRAULIC CUTTING TOOL  
PISTOL GUILLOTINE TYPE

18V  
4Ah

> Identical force, stroke and capacities as the CG85 & XCG85.



**NEW COUNTER BLADE**  
Decreases cable distortion when cutting.



**SHARP BLADE & COUNTER BLADE**  
Improve the cable cutting (> copper and aluminum cables).



**ERGONOMIC HANDLE**  
Easy to care and for a secured tool handling.



**ROTATIVE HEAD**  
180°



**WIDE OPENING**  
Easy for cables passage.

**TYPE OF CABLES**  
copper and aluminum

**MAX. PASSAGE**  
Ø 85 mm



<b>FORCE</b>	55 kN
<b>CUTTING TIME</b>	8 to 20 s
<b>CUTTING CAPACITY</b> – DEPENDS ON MATERIALS	
<b>DIMENSIONS</b> (L x l x h in mm)	580 x 85 x 340
<b>WEIGHT</b> (with battery)	8.900 kg

<b>DIMENSIONS</b> (mm)	594 x 494 x 149
<b>WEIGHT</b>	3.660 kg

> Case and charger delivered with the tool.  
> **NEOELEC™** accessories  
Refer to **PAGE 56 – 57**.



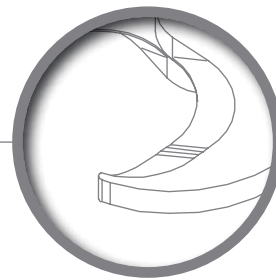
### MAX. CUTTING CAPACITIES

TYPE OF CABLES	MAX. Ø OF CUT *
<b>UNDERGROUND INSULATED ALUMINUM CABLES</b>	3 x 240 mm <sup>2</sup> + 1 x 95 mm <sup>2</sup> 1 x 630 mm <sup>2</sup> > 800 mm <sup>2</sup>
<b>COPPER CABLES</b>	630 mm <sup>2</sup>
<b>TELEPHONE CABLES</b>	Ø 85 mm

\* Other dimensions and cables to be approved with tests.



Do not use this tool on live cables.



CE

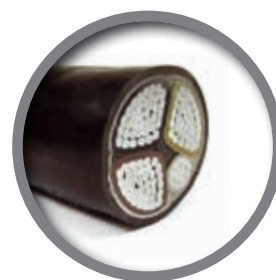
## BCP065i

HYDRAULIC CUTTING TOOL  
PISTOL SCISSORS TYPE

18V  
4Ah

TYPE OF CABLES  
copper and aluminum

MAX. PASSAGE  
Ø 65 mm



> Identical force, stroke and capacities as the XCi65.



### SCISSORS TYPE CUTTER

Enables cables cut in restricted areas  
(> direct access, without closing the head).



### ERGONOMIC HANDLE

Easy to care and for a secured tool handling.



### IDENTICAL BLADES

Improve the cable cutting.



### ROTATIVE HEAD

180°

FORCE (at piston)	130 kN
FORCE (between blades)	60 kN
CUTTING TIME	7 to 15 s
CUTTING CAPACITY – DEPENDS ON MATERIALS	
DIMENSIONS (L x l x h in mm)	395 x 80 x 170
WEIGHT (with battery)	10 kg

### MAX. CUTTING CAPACITIES\*

COPPER CABLES	Ø 65 mm
ALUMINUM CABLES	Ø 65 mm

Cut of aluminum or copper, steel reinforced cables is possible.

\* Other dimensions and cables to be approved with tests.



Do not use this tool on live cables.



DIMENSIONS (mm)	594 x 494 x 149
WEIGHT	3.660 kg

> Case and charger delivered with the tool.

> NEELEC™ accessories  
Refer to PAGE 56 – 57.

**QUICK OPENING & CLOSING HEAD**

Easy to replace die sets.

# BPP062

**HYDRAULIC CRIMPING TOOL  
PISTOL TYPE**18V  
4Ah**HEXAGONAL CRIMPING  
6 > 300 mm<sup>2</sup>**

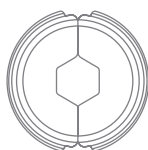
> Identical force, stroke and capacities as the **D62 & XD62** and the operated tools **BPE062 & BPL062**.

**VERY LIGHT HEAD**

Excellent ratio weight/capacity.

**COMPATIBLE DIE SETS**With **80 kN & 130 kN** ranges.**ROTATIVE HEAD**

270°

Die sets  
6 > 300 mm<sup>2</sup>**DIE SETS** – refer to **PAGES 88 – 96**

> Common interchangeable die sets for **D62, XD62, BPE062, BPL062 & BPP062** tools.

<b>STROKE</b>	13 mm
<b>FORCE</b>	62 kN
<b>CRIMPING TIME</b> (depending on section)	3 to 5 s
<b>BATTERY CAPACITY</b> (for 185 mm <sup>2</sup> copper lug)	340 crimps
<b>DIMENSIONS</b> (L x l x h in mm)	355 x 75 x 325
<b>WEIGHT</b> (with battery)	4.900 kg

<b>APPLICATIONS</b>	<b>SECTIONS</b>
Copper lugs and sleeves – NFC 20-130	6 > 300 mm <sup>2</sup>
Copper or alu. lugs and sleeves – DIN 48083	KZ6 > KZ34
C-shaped connectors	C10 > C50
Pre-rounding die sets	25 > 240 mm <sup>2</sup>
Bare or insulated sleeves in copper or alu.	E54 > E280

**DIMENSIONS** (mm) 594 x 494 x 149**WEIGHT** 3.660 kg

> Case and charger delivered with the tool.

> **NEOELEC™** accessories  
Refer to **PAGE 56 – 57**.

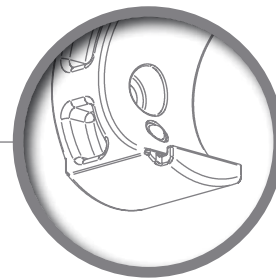


**QUICK OPENING & CLOSING HEAD**

Easy to replace die sets.



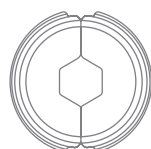
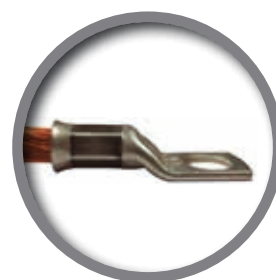
CE

**NEOELEC™  
BPP080****HYDRAULIC CRIMPING TOOL  
PISTOL TYPE**18V  
4Ah> Identical force, stroke and capacities as the **D80** manual tool.**VERY LIGHT HEAD**

Excellent ratio weight/capacity.

**COMPATIBLE DIE SETS**With **62 kN** & **130 kN** ranges.**ROTATIVE HEAD**

270°

**HEXAGONAL CRIMPING  
6 > 300 mm<sup>2</sup>**Die sets  
6 > 300 mm<sup>2</sup>**DIE SETS** – Refer to **PAGES 88 – 96**> Common interchangeable die sets for **D80** & **BPP080** / **D62**, **XD62**, **BPE062**, **BPL062** & **BPP062**

<b>STROKE</b>	13 mm
<b>FORCE</b>	80 kN
<b>CRIMPING TIME</b> (depending on section)	4 to 6 s
<b>BATTERY CAPACITY</b> (for 185 mm <sup>2</sup> copper lug)	300 crimps
<b>DIMENSIONS</b> (L x l x h in mm)	355 x 75 x 325
<b>WEIGHT</b> (with battery)	4.980 kg

<b>APPLICATIONS</b>	<b>SECTIONS</b>
Copper lugs and sleeves – NFC 20-130	6 > 300 mm <sup>2</sup>
Copper or alu. lugs and sleeves – DIN 48083	KZ6 > KZ34
C-shaped connectors	C10 > C50
Pre-rounding die sets	25 > 240 mm <sup>2</sup>
Bare or insulated sleeves in copper or alu.	E54 > E280

<b>DIMENSIONS</b> (mm)	594 x 494 x 149
<b>WEIGHT</b>	3.660 kg

&gt; Case and charger delivered with the tool.

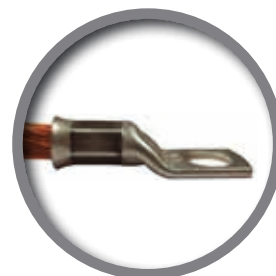
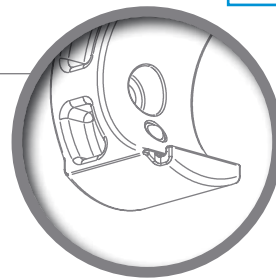
> **NEOELEC™** accessories  
Refer to **PAGE 56 – 57**.



> Available with strokes  
**26, 32, 38 & 44.**  
 (please contact us for 44 mm version)



CE



NEOELEC™  
**BPP130** -1  
 -2  
 -3

HYDRAULIC CRIMPING TOOL  
**PISTOL TYPE**

18V  
 4Ah

**HEXAGONAL CRIMPING**  
**6 > 400 mm<sup>2</sup>**  
 (depending on tool type)

> Identical force, stroke and capacities as the **C130-xx, XC130-xx** and the operated tools **BPE130**.



**WIDE CRIMPING CAPACITIES**  
 From 6 up 400 mm<sup>2</sup>.



**OVERHEAD LINES CRIMPING**  
 Tool designed for this application.

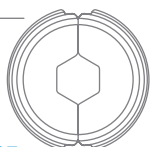


**EQUIPPED WITH MECHANICAL STOP**  
 Piston stops at the stroke end.

STROKE	26 mm	32 mm	38 mm
FORCE	130 kN	130 kN	130 kN
DIMENSIONS (L x l x h in mm)	400 x 75 x 310	415 x 75 x 310	430 x 75 x 310
WEIGHT (with battery)	6.500 kg	6.800 kg	7.000 kg

APPLICATIONS	SECTIONS (-26)	SECTIONS (-32)	SECTIONS (-38)
Copper lugs and sleeves – NFC 20-130	6 > 300 mm <sup>2</sup>	6 > 400 mm <sup>2</sup>	6 > 400 mm <sup>2</sup>
Bare or insulated sleeves in copper or aluminum – EDF	E54 > E235	E54 > E280	E54 > E280
Copper or aluminum lugs and sleeves – DIN 48083	KZ6 > KZ28	KZ6 > KZ32	KZ6 > KZ38
C-shaped connectors	C10 > C70	C10 > C70	C10 > C70
Pre-rounding die sets	50 > 300 mm <sup>2</sup>	50 > 300 mm <sup>2</sup>	50 > 300 mm <sup>2</sup>
Copper lugs and sleeves – NFC 20-130	10 > 240 mm <sup>2</sup>	10 > 240 mm <sup>2</sup>	10 > 240 mm <sup>2</sup>

Die sets  
**6 > 400 mm<sup>2</sup>**



**DIE SETS**  
 Refer to **PAGES 89 – 97**

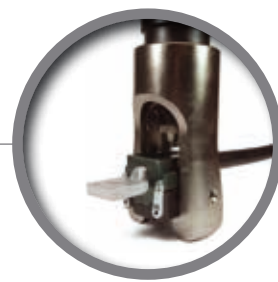
> Common interchangeable die sets  
 for **C130-xx, XC130-xx, BPE130 & BPP130x** tools.



**DIMENSIONS** (mm) 594 x 494 x 149

**WEIGHT** 3.660 kg

> Case and charger delivered with the tool.  
 > **NEOELEC™** accessories  
 Refer to **PAGE 56 – 57.**



NEOELEC™  
**BPP130U**

**DEEP INDENTING HYDRAULIC TOOL**  
OPERATED ON BATTERY

18V  
4Ah

**DEEP INDENTING**  
16 > 240 mm<sup>2</sup>

**HEXAGONAL CRIMPING**  
6 > 400 mm<sup>2</sup>

> Identical force, stroke and capacities as the H130 & XH130.

- HEAD ACCORDING TO HN 68-S-90** (> EDF specifications)  
For underground lines (bimetallic lugs and sleeves).
- MAX. PASSAGE OF 34 mm**  
In the head for large sections.
- MECHANICAL STOP (NEW FEATURE)**  
The piston stops at stroke end.
- ROTATIVE HEAD**  
270°

<b>STROKE</b>	26 mm
<b>MAX. PASSAGE</b>	34 mm
<b>FORCE</b>	130 kN
<b>DIMENSIONS</b> (L x l x h in mm)	415 x 75 x 310
<b>WEIGHT</b> (with battery)	6.300 kg



**ASSEMBLY N° 1**  
**FOR INDENTING APPLICATION**

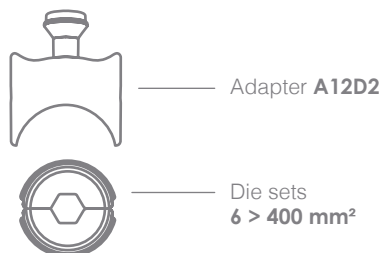
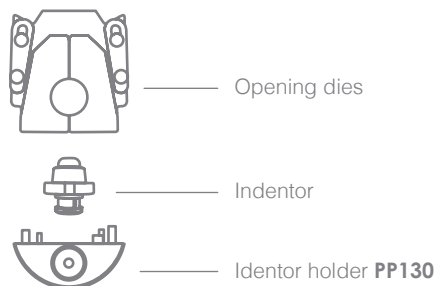
Refer to **PAGES 96**



**ASSEMBLY N° 2**  
**FOR CRIMPING APPLICATION**

130 kN crimping die sets can be used in this tool thanks to the adapter **A12D2**.

Refer to **PAGES 89 – 95**



> Common interchangeable indenter and opening dies for **H130, XH130 & BPP130U**.

> Case and charger delivered with the tool.  
> **NEOELEC™** accessories  
Refer to **PAGE 56 – 57**.





Tool is correctly connected when PLI is blue switching on.

# CRIMP CONTROL SOFTWARE



## CONNECT

Tool to computer thanks to USB/mini USB cable.



## ACCESSING DATA

- Completed cycle numbers
- Cycle numbers before maintenance



## FIRMWARE UPDATING

Evolution of the software settings.



## DIAGNOSTIC

Enables a working control of the tool.



## HANDLING MANAGEMENT

Enables to manage/print for a given site the number of done cycles and registered as in conformity or not .



## REPORT / RESULT

You will get a complete certificate on the tool conformity.



cycles de sertissage	139
cycles avant maintenance	14361



> Download through the website or contact sales department.





18V <sup>2.0Ah</sup>  
Li-Ion



18V <sup>4.0Ah</sup>  
Li-Ion



**PLI CHARGE LEVEL INDICATOR**  
AT THE BACK OF THE BATTERY



**STANLEY HIGH PERFORMANCE RECHARGEABLE 18V LI-ION BATTERIES.**

Greater capacity for maximum productivity:  
120 cycles carried out with the same 4.0 Ah battery.  
Short charging time:       – 40 min for a 2.0 Ah battery  
                                      – 80 min for a 4.0 Ah battery

Compatible batteries with the entire DUBUIS **NEOELEC™** range.

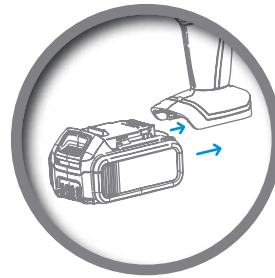


**EXCELLENT LIFE TIME**

No memory effect or self-discharge effect.



**OPTIMIZED WEIGHT**



**STANLEY LI-ION CHARGERS**

Variable and self-adapting charge level to match the battery voltage.  
2-stage charging to provide maximum performance and battery durability.

Diagnostic system with PLI charge status indicator:  
battery charged, battery on charge, voltage drops and fault detected  
(too cold or hot battery).

Available in 110 V or 220 V version with mains plug, or 12 V with  
cigar-lighter plug.



# NEOELEC™ ACCESSORIES



## 18V LI-ION 2.0 Ah RECHARGEABLE BATTERY

<b>PART №</b>	AB18LI200
<b>DIMENSIONS</b> (L x l x h in mm)	115 x 75 x 45
<b>WEIGHT</b>	0.360 kg



## 18V LI-ION 4.0 Ah RECHARGEABLE BATTERY

<b>PART №</b>	AB18LI400
<b>DIMENSIONS</b> (L x l x h in mm)	115 x 75 x 65
<b>WEIGHT</b>	0.620 kg



## 18V LI-ION CHARGER ON 12V CIGAR-LIGHTER PLUG

<b>PART №</b>	AC18012
<b>DIMENSIONS</b> (L x l x h in mm)	180 x 120 x 80
<b>WEIGHT</b>	0.660 kg



## 18V LI-ION FAST CHARGER – 220V CE PLUG

<b>PART №</b>	AC18220
<b>DIMENSIONS</b> (L x l x h in mm)	180 x 120 x 80
<b>WEIGHT</b>	0.540 kg

> Available in 110 V version or with UK or US plug.



## BPL & BCL - CASE FOR IN LINE TOOLS

<b>PART №</b>	77501 (delivered empty)
<b>DIMENSIONS</b> (L x l x h in mm)	471 x 415 x 116
<b>WEIGHT</b>	2.050 kg



## BPP & BCP - CASE FOR PISTOL TOOLS

<b>PART №</b>	77531 (delivered empty)
<b>DIMENSIONS</b> (L x l x h in mm)	594 x 494 x 149
<b>WEIGHT</b>	3.660 kg



700 BAR **POWER  
PACK** TO BE  
CONNECTED  
WITH A **HIGH  
PRESSURE  
HOSE** TO AN  
HYDRAULIC  
HEAD.





# HYDRAULIC POWER PACKS

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## HYDRAULIC POWER PACK/HEAD CONNECTIONS [P.60](#)



**PHP700**

[P.61](#)



**PHE705**

[P.62](#)



**PHE706**

[P.63](#)



**BGH700**

[P.64 – 65](#)

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## POWER PACKS ACCESSORIES [P.66](#)



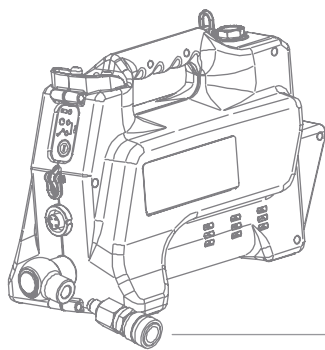
**FITTINGS & FLEXIBLE HOSES**

[P.67](#)



## POWER PACK/HEAD CONNECTION

> *Warning* : A torque tightening value of **50 Nm** must be applied when setting fittings on a high pressure hose.



Standard quick nozzle  
(pack side)  
**Part № 80847**

HP hose  
with 1/4 BSP thread

Standard quick coupler  
(head side)  
**Part № 80848**

Standard quick coupler  
**Part № 87812**  
**Part № 30888** for **PHE706**

Standard quick nozzle  
**Part № 30887**

### 700 bar FLEXIBLE HOSE

#### HIGH PRESSURE HOSES, FACTORY TESTED

3 years validity after date of supply.

#### VARIOUS LENGTHS

According to applications.

#### INSULATED FRAME OR NOT

> Refer to **PAGE 67**.



### HYDRAULIC FITTINGS

#### 1/4 BSP THREAD

On every power packs and heads.

#### DIFFERENT TYPES OF FITTINGS

**Standard quick:** quick connection with security locking option.

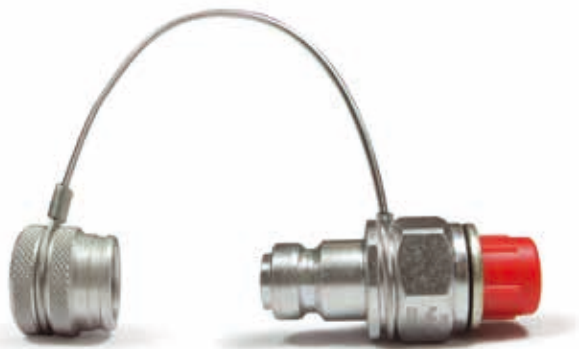
**To be screwed:** secured connection for EDF – LV

**Others: contact us**

#### ADAPTERS

For heads, fittings and hoses in 3/8 NPT

> Refer to **PAGE 67**.





# PHP700

## HYDRAULIC PUMP FOOT OPERATED

> All DUBUIS 700 bar hydraulic heads can be used with this pump.



### LIGHT & COMPACT PUMP

Balanced weight/dimensions ratio.



### 2 SPEEDS HYDRAULIC SYSTEM

For a fast advance of the piston at low pressure.



### SOFT TANK

To work in every positions.

**IN OPTION:** Manual version



### WIDE CHASSIS ON THE WHOLE LENGTH

For a better stability.



### PEDAL LOCKING HOOK

Made of steel with plastic protection for a firm holding.



### STRONG RELEASE LEVER

Foot activated.

<b>PRESSURE</b>	700 bar
<b>OIL TANK</b>	0.700 L
<b>DIMENSIONS</b> (L x l x h in mm)	620 x 175 x 165
<b>WEIGHT</b>	7.300 kg
<b>FORCE</b> (on pedal)	38 daN



### FITTINGS & HOSES ACCESSORIES

> Refer to **PAGE 66 – 67**



<b>DIMENSIONS</b> (L x l x h in mm)	820 x 315 x 320
<b>WEIGHT</b>	10.900 kg
<b>PART N°</b>	30191 (delivered separately)
<b>CAPACITY</b>	Pump + fittings/hoses + hydraulic head and accessories



## PHE705

### 220V ELECTRICAL HYDRAULIC POWER PACK

> All DUBUIS 700 bar hydraulic heads can be used with this unit.



#### DESIGNED FOR SEMI INTENSIVE USE

Use on works sites and aerial applications.



#### STRONG & COMPACT

Stability under use.



#### OIL CAPACITY

- Enables use of hoses > 3 m.
- Filling and draining of the tank accessible.
- Viewing of the oil level.



#### VARIABLE FLOW: FROM 1.2 L/min IN LP TO 0.4 L/min IN HP

2 stages pump for a fast advance in low pressure.



#### EMERGENCY BUTTON

Manual release in case of electrical dysfunction.

<b>PRESSURE</b>	700 bar
<b>POWER SUPPLY</b>	220 V – 50 Hz
<b>SOUND LEVEL</b>	LWA 91 dB (A)
<b>OIL TANK</b>	2 L
<b>DIMENSIONS</b> (L x l x h in mm)	320 x 180 x 440
<b>WEIGHT</b>	13.400 kg (oil full)

500 W single phase 220 V – 50 Hz motor with auto. stop at 700 bar.
160 mA fuse
Overheat thermal protection
Overpressure mechanical protection
Flow from 1,2 to 0,4 L/min according to pressure.
Protection level: IP 55 according to NF EN 60529



#### 160 mA FUSE

Two extra fuses

> Delivered with the group.



#### 2 SWITCHES REMOTE CONTROL

Advance/Hold – Return

cable length: 3 m

> Delivered with the group.



#### FITTINGS & HOSES ACCESSORIES

> Refer to PAGE 66 – 67



<b>DIMENSIONS</b> (mm)	600 x 400 x 490
<b>WEIGHT</b>	10.700 kg
<b>PART No</b>	82132 (delivered separately)
<b>CAPACITY</b>	1 group + 1 hose + 1 hydraulic head + various accessories





# PHE706

## 220V ELECTRICAL HYDRAULIC POWER PACK

> All DUBUIS 700 bar hydraulic heads can be used with this unit.



### DESIGNED FOR INTENSIVE USE

- Appropriate for workshop use.
- Possibility to adapt a distributor to use 2 tooling.



### SILENT & POWERFUL MOTOR

Gives an excellent weight/capacity ratio.



### HIGH & CONSTANT FLOW

ex. : Crimping of 6 x 185 mm<sup>2</sup> lugs per minute with a **XC130**.



### OIL CAPACITY

- Enables use of hoses > 3 m.
- Filling and draining of the tank accessible.
- Viewing of the oil level.



### EMERGENCY BUTTON

Manual release in case of electrical dysfunction.

<b>PRESSURE</b>	700 bar
<b>POWER SUPPLY</b>	220 V – 50 Hz (available in 110 V 50 Hz, or equipped with UK or US plug)
<b>SOUND LEVEL</b>	< 80 dB (A)
<b>OIL TANK</b>	2 L
<b>DIMENSIONS (mm)</b>	380 x 200 x 420
<b>WEIGHT</b>	17 kg (full oil included)

550 W – 220 V – 50 Hz asynchronous motor  
Starting up capacitor (enables starting up in load).

Automatic stop at 700 bar

160 mA fuse

Overheat thermal protection

Overpressure mechanical protection

Flow: 0.8 L/min

Protection level: IP 55 according to NF EN 60529



### 160 mA FUSE

Two extra fuses  
> Delivered with the group.



### 2 SWITCHES REMOTE CONTROL

Advance/Hold – Return  
cable length: 3 m

> Delivered with the group.



### FITTINGS & HOSES ACCESSORIES

> Refer to PAGE 66 – 67



<b>DIMENSIONS (mm)</b>	600 x 400 x 490
<b>WEIGHT</b>	10.700 kg
<b>PART No</b>	82132 (delivered separately)
<b>CAPACITY</b>	1 group + 1 hose + 1 hydraulic head + various accessories



NEW

①



**ON/OFF BUTTON**  
WITH EMERGENCY SAVING FUNCTION  
**PLI DISPLAY PANEL FOR :**

- BATTERY CHARGE LEVEL
- CYCLE CONFORMITY
- MAINTENANCE

②



**HIGH OIL VOLUME**  
EASY ACCESS TO THE TANK  
FOR DRAINING & REFILLING OIL

⑥



**CONTROL SYSTEM**

- CUT / CRIMP SWITCH
- INTEGRATED CONTROL (+ WIRE REMOTE CONTROL)
- USB CONNECTION

④

②



⑤



**MANUAL RELEASE BY  
EMERGENCY BUTTON**

③



**360° ROTATING COUPLING**

④



**HANDLING RING FOR  
TRANSPORTATION (STRAP)**



Maximum operating speed  
with high performance motor.



Quick motor stop function for high  
user safety.

Energy saving function for switching  
off the tool after 10 min.



2 hydraulic pump stages for improved  
fast advance.

Pressure safety system to prevent from  
pressure failures, with audible click at  
release.



CE

## NEOELEC™ BGH700

**18V 4,0Ah LI-ION HYDRAULIC GROUP  
BATTERY OPERATED**

700  
bar

> All DUBUIS 700 bar hydraulic heads  
can be used with this unit.



### ULTRA LIGHT & ERGONOMIC

Balanced center of gravity for an optimal handiness.



### STRONG BODYSHELL

Equipped with a 3 pod for a better stability.



### ELECTRONICAL & MECHANICAL PROTECTION

In case of overpressure and overheat.



### FITTINGS & HOSES ACCESSORIES

> Refer to **PAGE 66 – 67**

<b>WEIGHT</b> (with battery + coupler)	5.670 kg
<b>DIMENSIONS</b> (L x l x h in mm)	330 x 160 x 250
<b>OIL TANK</b>	0.8 L
<b>FLOW</b>	1 L/min. in fast advance 0.15 L/min. in high pressure
400 W motor with automatic stop at 700 bar.	
Protection level: IP42 according to NF	

### 18V LI-ION 4.0 Ah BATTERY

Weight: 0.620 kg

Part N° AB18LI400



### 220V CHARGER

Weight: 0.540 kg

Part N° AC18220



### 2 SWITCHES REMOTE CONTROL

Advance/Hold – Return  
cable length: 3 m

> Delivered with the group.

### > 850 bar VERSION AVAILABLE

(**BGH850** on request, not compatible  
with Dubuis heads).



<b>DIMENSIONS</b> (mm)	550 x 336 x 308
<b>WEIGHT</b>	4.800 kg
<b>PART N°</b>	91813 (delivered separately)
<b>CAPACITY</b>	1 group + 1 hose + 1 hydraulic head + various accessories



# ACCESSORIES

FOR HYDRAULIC POWER PACKS

---

## REMOTE CONTROL

---

2 switches remote control (Advance/Return) with hold in pressure.

Equipped with a 3 m cable length.

---

**Part № 82801**

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## FOOT CONTROLLER

---

Double foot controller pedal, Advance/Hold-Return.

Equipped with a 3 m cable length.

To replace the remote control (82801).

---

**Part № 82814**

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## HYDRAULIC OIL

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Insulating oil: Total Equivis XV32.

Oil bottle 0.5 L: **Part № 82809**

Oil bottle 5 L: **Part № OMST032**

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## MANOMETER

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Manometer 0 – 1000 bar for pressure control at release.

Calibration certificate.

**Part № 82812-BAR or 82812-PSI**

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# FITTINGS & FLEXIBLE HOSES

## 700 bar FLEXIBLE HOSES – INSULATED



### EQUIPPED WITH STANDARD 90° FITTINGS

> To be connected to the power pack, enables a rotating and a security locking coupler.

- 2 meters > **Part № 82861**
- 4 meters > **Part № 82860**
- 10 meters > **Part № 82811**

## 700 bar FLEXIBLE HOSES – UNINSULATED



### EQUIPPED WITH STANDARD FITTINGS

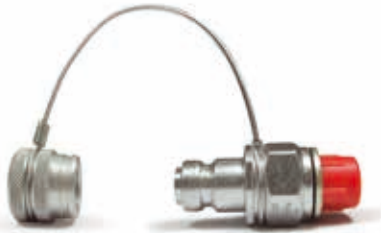
> To be connected to the 700 bar power pack.

- 1,6 meter > **Part № 77840**
- 3 meters > **Part № 77841**
- 6 meters > **Part № 77842**
- 12 meters > **Part № 77843**

> Other lengths, please contact us.

## 1/4 BSP QUICK STANDARD FITTINGS

> 3/8 NPT fittings: **consult us.**



### 1/4 BSP THREADED QUICK STANDARD NOZZLE (HV/MV)

> To be connected to the hydraulic head.  
**Part № 30887**



### 1/4 BSP THREADED QUICK STANDARD COUPLER

> To be connected to the 700 bar power pack.  
**Part № 30888**

## SCREWING FITTINGS



### SCREWING NOZZLE (EDF - LV) 1/2 A VALVE, 3/8 NPT THREADED

> To be connected to the hydraulic head.  
**Part № HSER001**



### SCREWING COUPLER (LV) 1/2 B VALVE, 3/8 NPT THREADED

> To be connected to the HP flexible hose, head side.  
**Part № HSER002**

## ADAPTERS



> For female 1/4 BSP thread to be converted into a female 3/8 NPT thread.

**Part № HREM68211-40**



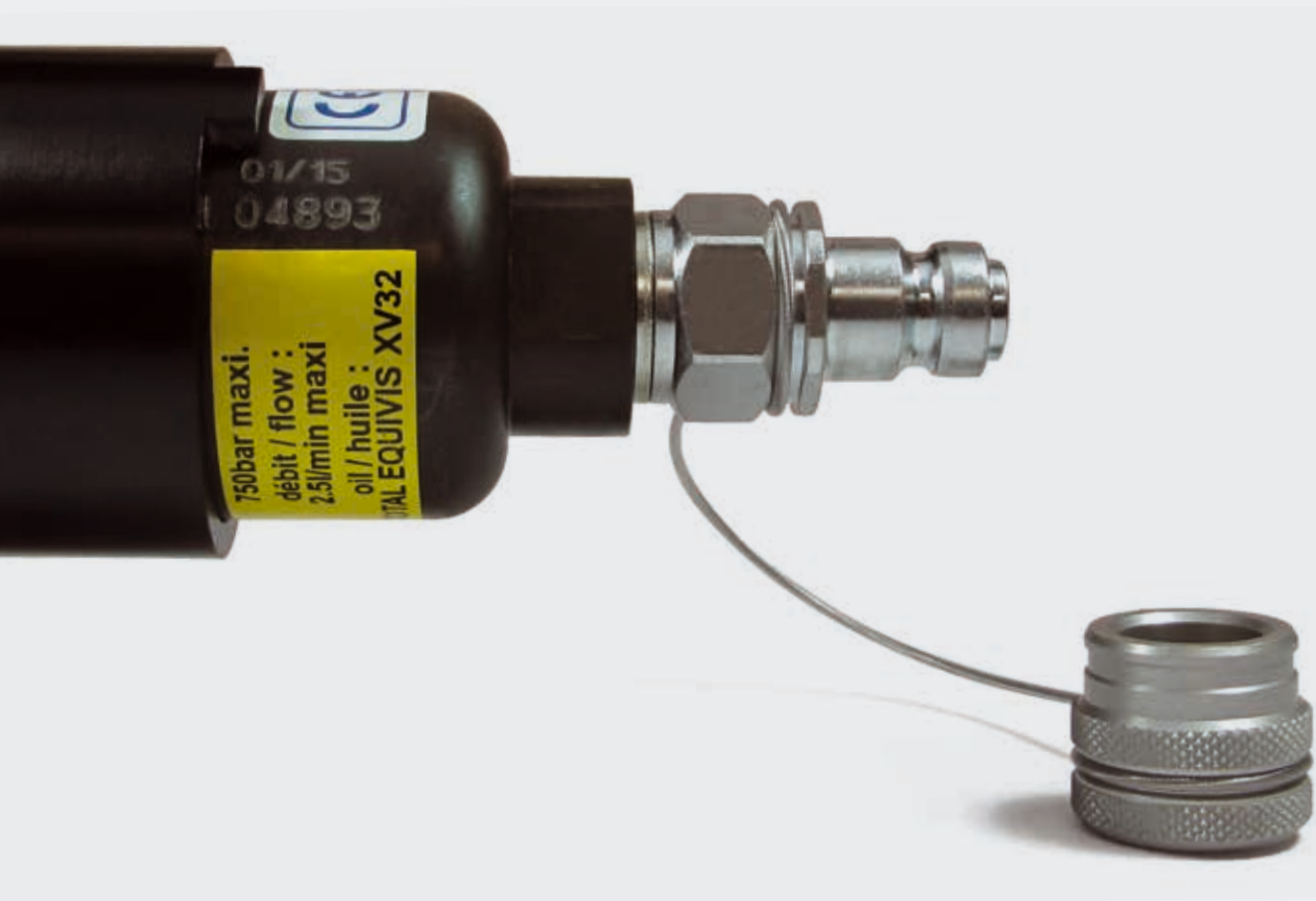
> For female 3/8 NPT thread to be converted into a male 3/8 NPT thread.

**Part № HCEJ792181623**



# HYDRAULIC HEADS TO BE CONNECTED TO A 700 BAR POWER PACK WITH A HIGH PRESSURE HOSE.

Crimping, cable cutter guillotine or scissors, head types.





# HYDRAULIC HEADS

CUTTING HEADS



XCG25

P.70



XCG40

P.71



XCG45

P.72



XCG55

P.73



XCG85

P.74



XCI35

P.75



XCI65

P.76



XCI95

P.77

CRIMPING HEADS



XD51

P.78



XD62

P.79



XC130-26 | -32 | -38

P.80



XH130

P.81



XH250

P.82



XH450

P.83

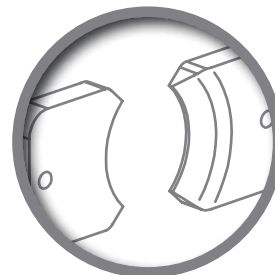


XU250

P.84



**LOCK**  
Enables quick opening and closing head.



# XCG25

## HYDRAULIC HEAD GUILLOTINE CABLES CUTTER



> Force, stroke, capacities same as the **CG25** manual tool and battery tools **BCE025G & BCL025G**.

**TYPE OF CABLES**

copper, aluminum and steel

**MAX. PASSAGE**

**Ø 25 mm**

(depending on cables)



- NEW REINFORCED BLADES**  
Increase blades life time (> specifically for steel cuts).
- IDENTICAL BLADE & COUNTER BLADE**  
Improve the cable cutting.
- INTERCHANGEABLE BLADES**  
Easy to replace.

<b>FORCE</b>	55 kN
<b>DIMENSIONS</b> (L x l x h in mm)	215 x 52 x 90
<b>WEIGHT</b> (without protection kit)	2.400 kg

- PROTECTION KIT**  
> As an option.
- FITTINGS & HOSES**  
> Refer to **PAGE 67**

	TYPE OF CABLES	MAX. HARDNESS	MAX. CUTTING Ø *
<b>MULTI-STRAND CABLES</b>	7 x 19 strands – steel	100 > 120 daN/mm <sup>2</sup>	Ø 15 > 16 mm
	7 x 37 strands – steel	130 > 145 daN/mm <sup>2</sup>	Ø 12 > 13 mm
<b>ELECTRICAL CABLES</b>	Bare – copper/aluminum		300 mm <sup>2</sup>
	Rigid multi-strand – copper/aluminum		Ø 20 > 22 mm
	Semi-rigid multi-strand – copper/aluminum		
<b>ROUND BARS</b>	Copper	< 20 daN/mm <sup>2</sup>	Ø 20 > 22 mm
	Hard copper	20 > 28 daN/mm <sup>2</sup>	Ø 15 > 18 mm
	Aluminum	< 20 daN/mm <sup>2</sup>	Ø 20 > 25 mm
	Mild steel	42 > 45 daN/mm <sup>2</sup>	Ø 12 > 14 mm
	Medium hard steel	50 > 70 daN/mm <sup>2</sup>	Ø 10 mm
<b>INSULATED CABLES</b>	Depends on the thickness of insulation		150 > 240 mm <sup>2</sup>
	Stainless steel	< 150 daN/mm <sup>2</sup>	Ø 8 > 10 mm

\* Other dimensions and cables to be approved with tests.

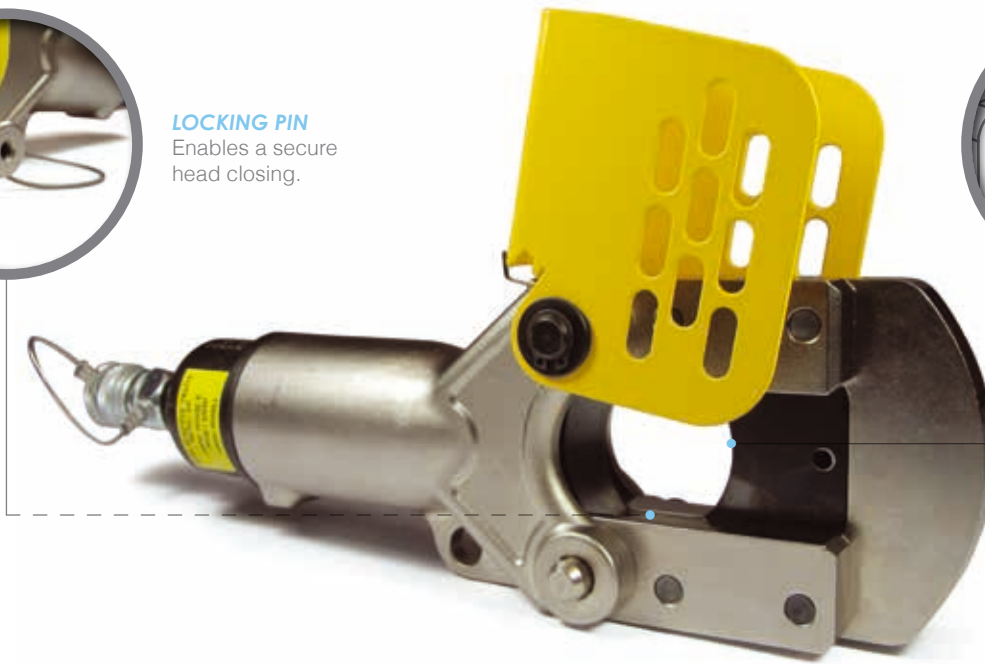
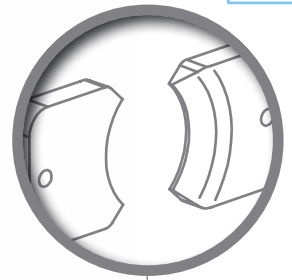


Do not use this tool on live cables.





**LOCKING PIN**  
Enables a secure head closing.



# XCG40

## HYDRAULIC HEAD GUILLOTINE CABLES CUTTER

700  
bar

> Force, stroke, capacities same as the **CG40** manual tool and battery tool **BCP040G**.

### TYPE OF CABLES

copper, aluminum and steel

### MAX. PASSAGE

**Ø 40 mm**  
(depending on cables)



### NEW REINFORCED BLADES

Increase blades life time (> specifically for steel cuts).



### IDENTICAL BLADE & COUNTER BLADE

Improve the cable cutting.



### INTERCHANGEABLE BLADES

Easy to replace.

### FORCE

88 kN

### DIMENSIONS (L x l x h in mm)

285 x 85 x 105

### WEIGHT (without protection kit)

4.300 kg



### PROTECTION KIT

> As an option.



### FITTINGS & HOSES

> Refer to **PAGE 67**

	TYPE OF CABLES	MAX. HARDNESS	MAX. Ø OF CUT (mm) *
<b>CABLES</b>	Copper	< 40 daN/mm <sup>2</sup>	Ø 32 (630 mm <sup>2</sup> )
	Aluminum	< 20 daN/mm <sup>2</sup>	Ø 40
	Almelec	< 34 daN/mm <sup>2</sup>	Ø 40
	Steel	< 180 daN/mm <sup>2</sup>	7 x Ø 3.0 (= Ø 9.0) 19 x Ø 2.1 (= Ø 10.5) 19 x Ø 2.3 (= Ø 11.5)
	Multi-steel strands	< 180 daN/mm <sup>2</sup>	Ø 18 (strands quantities : 200)
	ACSR	< 180 daN/mm <sup>2</sup>	26 x Ø 2.50 + 7 x Ø 1.95 (= Ø 15.85) 26 x Ø 3.06 + 7 x Ø 2.38 (= Ø 19.38) 26 x Ø 3.60 + 7 x Ø 2.80 (= Ø 22.80) 54 x Ø 3.50 + 19 x Ø 2.10 (= Ø 31.50)
	(medium hard steel)		
<b>BARs</b>	Steel	< 60 daN/mm <sup>2</sup> < 42 daN/mm <sup>2</sup>	Ø 18 Ø 20
	Copper	< 30 daN/mm <sup>2</sup> < 25 daN/mm <sup>2</sup>	Ø 30 Ø 32
	Aluminum	< 16 daN/mm <sup>2</sup>	Ø 40

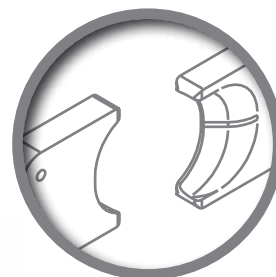
\* Other dimensions and cables to be approved with tests.



Do not use this tool on live cables.



**LOCKING PIN**  
Enables a secure head closing.



# XCG45

## HYDRAULIC HEAD GUILLOTINE CABLES CUTTER



**TYPE OF CABLES**


copper, aluminum, steel, stainless steel and ACSR

**MAX. PASSAGE**

**Ø 45 mm**  
(depending on cables)



> Force, stroke, capacities same as the battery tool **BCP045G**.

-  **NEW REINFORCED BLADES**  
Increase blades life time (> specifically for steel cuts).
-  **IDENTICAL BLADE & COUNTER BLADE**  
Improve the cable cutting.
-  **INTERCHANGEABLE BLADES**  
Easy to replace.

<b>FORCE</b>	130 kN
<b>DIMENSIONS</b> (L x l x h in mm)	320 x 65 x 110
<b>WEIGHT</b> (without protection kit)	4.900 kg
 <b>PROTECTION KIT</b> > As an option.	 <b>FITTINGS &amp; HOSES</b> > Refer to <b>PAGE 67</b>

**MAX. CUTTING CAPACITIES**

\* Other dimensions and cables to be tested and validated.

	TYPE OF CABLES	MAX. HARDNESS	MAX. Ø OF CUT (mm) *	
<b>CABLES</b>	Copper	< 30 daN/mm <sup>2</sup>	Ø 45	
	Aluminum	< 20 daN/mm <sup>2</sup>	Ø 45	
	Almelec	< 34 daN/mm <sup>2</sup>	Ø 45	
	Steel	< 180 daN/mm <sup>2</sup>	7 x Ø 3.0 (= Ø 9.0) 19 x Ø 2.1 (= Ø 10.5) 19 x Ø 2.3 (= Ø 11.5)	
	Multi-steel strands	< 180 daN/mm <sup>2</sup>	Ø 18 (strands quantities: 200)	
	ACSR	< 180 daN/mm <sup>2</sup>	26 x Ø 2.50 + 7 x Ø 1.95 (= Ø 15.85) 26 x Ø 3.06 + 7 x Ø 2.38 (= Ø 19.38) 26 x Ø 3.60 + 7 x Ø 2.80 (= Ø 22.80) 54 x Ø 3.50 + 19 x Ø 2.10 (= Ø 31.50) 54 x Ø 4.36 + 19 x Ø 2.62 (= Ø 39.20)	
	Inox	<b>&gt; please contact us.</b>		
	<b>BARS</b>	Steel	< 60 daN/mm <sup>2</sup> < 42 daN/mm <sup>2</sup>	Ø 18 Ø 20
		Copper	< 30 daN/mm <sup>2</sup> < 25 daN/mm <sup>2</sup>	Ø 30 Ø 32
		Aluminum	< 16 daN/mm <sup>2</sup>	Ø 45



Do not use this tool on live cables.



**LOCK**  
Enables quick opening  
and closing head.



# XCG55

## HYDRAULIC HEAD GUILLOTINE CABLES CUTTER

700 bar

> Force, stroke, capacities same as the **CG55** manual tool  
and the battery tool **BCP055G**.

**TYPE OF CABLES**  
copper and aluminum

**MAX. PASSAGE**  
Ø 55 mm



**NEW COUNTER BLADE**  
Decreases cable distortion when cutting.



**SHARP BLADE & COUNTER BLADE**  
Improve the cable cutting.



**LIGHT & POWERFUL**  
Refer to cutting capacities.

<b>FORCE</b>	43 kN
<b>DIMENSIONS</b> (L x l x h in mm)	300 x 55 x 110
<b>WEIGHT</b> (without protection kit)	3 kg

**WIDE OPENING**  
Easy for cables passage.



**PROTECTION KIT**  
> As an option.



**FITTINGS & HOSES**  
> Refer to **PAGE 67**

### MAX. CUTTING CAPACITIES

\* Other dimensions and cables to be tested and validated.

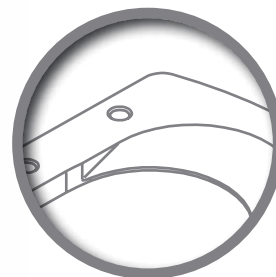
	TYPE OF CABLES	MAX. HARDNESS	SECTIONS	MAX. Ø OF CUT *
<b>CABLES</b>	Copper leads cables		4 x 185 mm <sup>2</sup> or 630 mm <sup>2</sup> max.	
	Underground aluminum		3 x 240 + 1 x 95 mm <sup>2</sup>	Ø 51 mm
	Telephone cables			Ø 55 mm
<b>BARs</b>	Round annealed copper	< 20 daN/mm <sup>2</sup>		Ø 16 – 18 mm
	Round annealed aluminum (A5)	< 16 daN/mm <sup>2</sup>		Ø 20 – 25 mm



Do not use this tool on live cables.



**LOCKING PIN**  
Enables a secure head closing.



# XCG85

## HYDRAULIC HEAD GUILLOTINE CABLES CUTTER

700 bar

**TYPE OF CABLES**  
copper and aluminum

**MAX. PASSAGE**  
Ø 85 mm

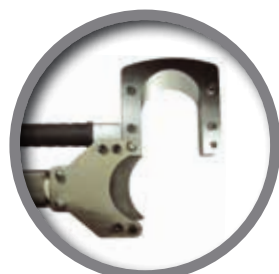


> Force, stroke, capacities same as the **CG85** manual tool and battery tool **BCP085G**.

-  **NEW COUNTER BLADE**  
Decreases cable distortion when cutting.
-  **SHARP BLADE & COUNTER BLADE**  
Improve the cable cutting (> copper and aluminum cables).
-  **ERGONOMIC HANDLE**  
Easy to care and for a secured tool handling.

<b>FORCE</b>	55 kN
<b>DIMENSIONS</b> (L x l x h in mm)	395 x 80 x 170
<b>WEIGHT</b> (without protection kit)	6.200 kg

-  **PROTECTION KIT**  
> As an option.
-  **FITTINGS & HOSES**  
> Refer to **PAGE 67**



**WIDE OPENING**  
Easy for cables passage.

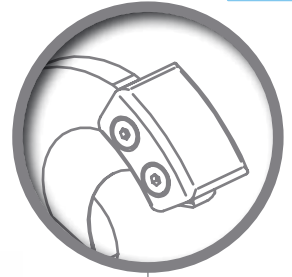
MAX. CUTTING CAPACITIES	
TYPE OF CABLES	MAX. Ø OF CUT *
<b>UNDERGROUND INSULATED ALUMINUM CABLES</b>	3 x 240 mm <sup>2</sup> + 1 x 95 mm <sup>2</sup>
	1 x 630 mm <sup>2</sup> > 800 mm <sup>2</sup>
<b>COPPER CABLES</b>	630 mm <sup>2</sup>
<b>TELEPHONE CABLES</b>	Ø 85 mm

\* Other dimensions and cables to be tested and validated.

 Do not use this tool on live cables.



**SHARPENED BLADES**  
Ideal for multi strand cables cutting.



**GUIDING SHOE**  
Avoids gap between blades.



## XCi35

### HYDRAULIC HEAD SCISSORS CABLES CUTTER

700  
bar

> Identical force, stroke and capacities as the battery operated tools **BCE035i** & **BCI035i**.

**SCISSORS TYPE**  
Enables cable cuts in restricted areas  
(> direct access, without head closing).

**REINFORCED & SHARPENED BLADES**  
Enables a clean cut on copper and aluminum cables.

**INTERCHANGEABLE & IDENTICAL BLADES**  
Easy to replace.

**TYPE OF CABLES**  
multi strand copper and aluminum

**MAX. PASSAGE**  
Ø 35 mm



<b>FORCE</b> (at piston)	55 kN
<b>DIMENSIONS</b> (L x l x h in mm)	305 x 70 x 105
<b>WEIGHT</b>	2.250 kg

**FITTINGS & HOSES**  
> Refer to **PAGE 67**

#### MAX. CUTTING CAPACITIES\*

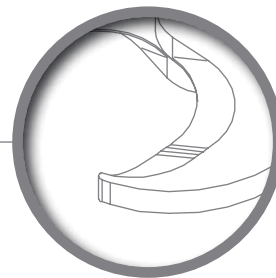
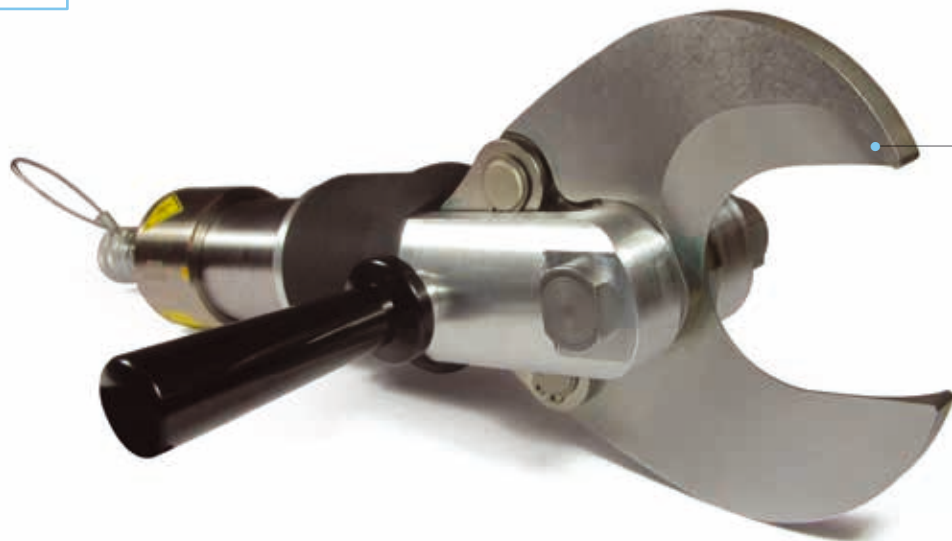
<b>SEMI RIGID MULTI STRAND COPPER CABLE</b>	240 mm <sup>2</sup>
<b>COPPER FLEXIBLE MULTI STRAND CABLE</b>	Ø 35 mm – 300 mm <sup>2</sup>
<b>ALUMINUM MULTI STRAND CABLE</b>	Ø 35 mm
<b>TELEPHONE CABLE</b>	Ø 35 mm

No round bars, no steel sheet reinforced cable either.

\* Other dimensions and cables to be tested and validated.



Do not use this tool on live cables.



**SHARPENED BLADES**  
Ideal for multi strand cables cutting.

# XCi65

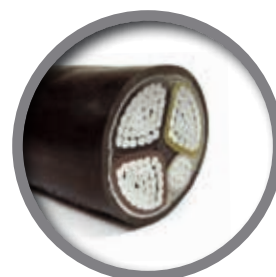
## HYDRAULIC HEAD SCISSORS CABLES CUTTER

700 bar

> Identical force, stroke and capacities as the battery operated tool BCP065i.

**TYPE OF CABLES**  
copper and aluminum

**MAX. PASSAGE**  
Ø 65 mm



**ERGONOMIC HANDLE**  
Easy to care and for a secured tool handling.

<b>FORCE</b> (at piston)	130 kN
<b>FORCE</b> (between blades)	60 kN
<b>DIMENSIONS</b> (L x l x h in mm)	380 x 95 x 150
<b>WEIGHT</b>	4.400 kg

**FITTINGS & HOSES**  
> Refer to **PAGE 67**

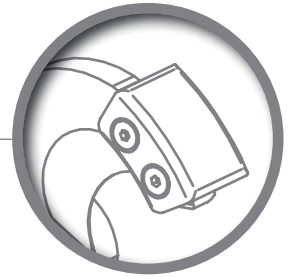
- SCISSORS TYPE CUTTER**  
Enables the cut in difficult access (> direct access, without head closing).
- REINFORCED & SHARPED BLADES**  
Enables a clear cut on multi-strand copper and alu. cables.
- INTERCHANGEABLE & IDENTICAL BLADES**  
Easy to replace.

<b>MAX. CUTTING CAPACITIES*</b>	
<b>COPPER CABLES</b>	Ø 65 mm
<b>ALUMINUM CABLES</b>	Ø 65 mm

Cut of aluminum or copper, steel reinforced cables is possible.

\* Other dimensions and cables to be tested and validated.

Do not use this tool on live cables.


**GUIDING SHOE**

Avoids gap between blades.

# XCi95

## HYDRAULIC HEAD SCISSORS CABLES CUTTER

 700  
bar

**TYPE OF CABLES**  
copper and aluminum

**MAX. PASSAGE**  
Ø 95 mm

**ERGONOMIC HANDLE**

Easy to carry and for a secured tool handling.

<b>FORCE</b> (at piston)	130 kN
<b>FORCE</b> (between blades)	60 kN
<b>DIMENSIONS</b> (L x l x h in mm)	395 x 80 x 170
<b>WEIGHT</b> (without protection kit)	9.760 kg


**PROTECTION KIT**

&gt; As an option.


**FITTINGS & HOSES**

 > Refer to **PAGE 67**

**SCISSORS TYPE**

 Enables cable cuts in restricted areas  
(> direct access, without head closing).

**REINFORCED & SHARPED BLADES**

For mild steel reinforced cables in copper or aluminum cuts.


**AS AN OPTION :**

 Earth grounding solution.  
> **On demand**
**MAX. CUTTING CAPACITIES\***

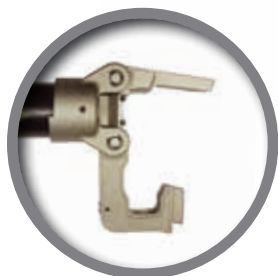
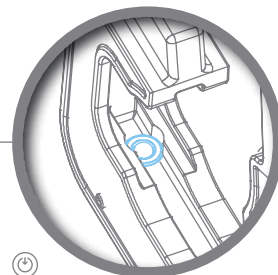
<b>ALL THE MULTI STRAND CABLES IN ALUMINUM OR COPPER UP TO Ø 95 MM</b>	1200 mm <sup>2</sup>
--	----------------------

<b>MILD STEEL REINFORCED CABLES IN ALUMINUM OR COPPER</b>	1000 mm <sup>2</sup>
---	----------------------

\* Other dimensions and cables to be tested and validated.



Do not use this tool on live cables.



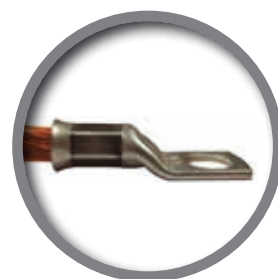
**LOCK**  
Enables quick opening and closing head.

# XD51

## CRIMPING HYDRAULIC HEAD

700 bar

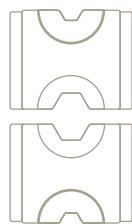
### HEXAGONAL CRIMPING 4 > 240 mm<sup>2</sup>



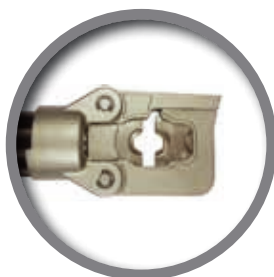
> Identical force, stroke and capacities as the hand tool **D51** and the battery operated tools **BPE055** & **BPL055**.

- BALL HEAD DOWEL**  
Enables setting of 38 mm width die (manufactured by DUBUIS) or 30 mm (manufactured by other companies).
- INTERCHANGEABLE DIE SETS**  
Simple or reversible.

<b>STROKE</b>	13 mm
<b>FORCE</b>	55 kN
<b>DIMENSIONS</b> (L x l x h in mm)	180 x 53 x 74
<b>WEIGHT</b>	1.750 kg



Die sets  
4 > 240 mm<sup>2</sup>



**DIE SETS** – Refer to **PAGES 88 – 96**

> Common interchangeable die sets for **D51**, **BPE055** & **BPL055** tools.

APPLICATIONS	SECTIONS
Copper lugs and sleeves – NFC 20-130	4 > 240 mm
Copper or alu. lugs and sleeves – DIN 48083	KZ6 > KZ32
C-shaped connectors	C6 > C35
Pre-rounding die sets	6 > 240 mm <sup>2</sup>
Bare or insulated sleeves in copper or alu.	E54 > E215

**FITTINGS & HOSES**  
> Refer to **PAGE 67**





**LOCK**  
Enables quick opening and closing head.

# XD62

## CRIMPING HYDRAULIC HEAD

700  
bar

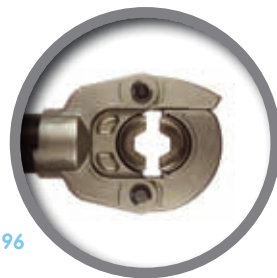
**HEXAGONAL CRIMPING**  
**6 > 300 mm<sup>2</sup>**



> Identical force, stroke and capacities as the hand tool **D62** and the battery operated tools **BPE062**, **BPL062** & **BPP062**.

- VERY LIGHT HEAD**  
Excellent ratio weight/capacities.
- COMPATIBLE DIE SETS**  
With **80 kN** & **130 kN** ranges.

<b>STROKE</b>	13 mm
<b>FORCE</b>	62 kN
<b>DIMENSIONS</b> (L x l x h in mm)	195 x 53 x 100
<b>WEIGHT</b>	2.200 kg



**DIE SETS** – Refer to **PAGES 88 – 96**

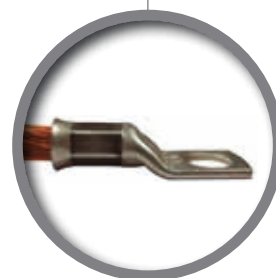
> Common interchangeable die sets for **D62**, **BPE062**, **BPL062** & **BPP062** tools.

APPLICATIONS	SECTIONS
Copper lugs and sleeves – NFC 20-130	6 > 300 mm
Copper or alu. lugs and sleeves – DIN 48083	KZ6 > KZ34
C-shaped connectors	C10 > C50
Pre-rounding die sets	25 > 240 mm <sup>2</sup>
Bare or insulated sleeves in copper or alu.	E54 > E280

**FITTINGS & HOSES**  
> Refer to **PAGE 67**



> Existing strokes **26, 32, 38 & 44.**  
(please contact us for 44 mm version)



# XC130<sup>-26</sup> <sup>-32</sup> NEO <sup>-38</sup>



## CRIMPING HYDRAULIC HEAD

**HEXAGONAL CRIMPING**  
**6 > 400 mm<sup>2</sup>**  
(according to the tool type)

> Identical force, stroke and capacities as the hand tool **C130-XX**  
and as the battery operated tools **BPE130 & BPP130X**.



**WIDE CRIMPING CAPACITIES**  
From 6 up to 400 mm<sup>2</sup>.



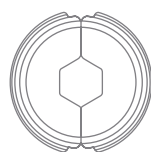
**OVERHEAD LINES CRIMPING**  
Tool designed for this application.



**MECHANICAL STOP**  
Piston stops at the stroke end.

STROKE / MAX. PASSAGE	26 mm	32 mm	38 mm
FORCE	130 kN	130 kN	130 kN
DIMENSIONS (L x l x h in mm)	215 x 70 x 125	225 x 70 x 112	240 x 70 x 112
WEIGHT	3.760 kg	4.090 kg	4.200 kg

APPLICATIONS	SECTIONS (-26)	SECTIONS (-32)	SECTIONS (-38)
Copper lugs and sleeves – NFC 20-130	6 > 300 mm <sup>2</sup>	6 > 400 mm <sup>2</sup>	6 > 400 mm <sup>2</sup>
Bare or insulated sleeves in copper or aluminum – EDF	E54 > E235	E54 > E280	E54 > E280
Copper or aluminum lugs and sleeves – DIN 48083	KZ6 > KZ28	KZ6 > KZ32	KZ6 > KZ38
C-shaped connectors	C10 > C70	C10 > C70	C10 > C70
Pre-rounding die sets	50 > 300 mm <sup>2</sup>	50 > 300 mm <sup>2</sup>	50 > 300 mm <sup>2</sup>
Copper lugs and sleeves – NFC 20-130	10 > 240 mm <sup>2</sup>	10 > 240 mm <sup>2</sup>	10 > 240 mm <sup>2</sup>



Die sets  
**6 > 400 mm<sup>2</sup>**



**DIMENSIONS** (mm) 405 x 270 x 105

**WEIGHT** 3.120 kg

> Delivered separately



**DIE SETS** – Refer to **PAGES 89 – 97**

> Common interchangeable die sets  
for **C130-xx, XC130-xx, BPE130 & BPP130x** tools.



# XH130 NEO

## DEEP INDENTING HYDRAULIC HEAD



DEEP INDENTING  
16 > 240 mm<sup>2</sup>

HEXAGONAL CRIMPING  
6 > 400 mm<sup>2</sup>

> Identical force, stroke and capacities as the hand tool **H130**  
and as the battery operated tool **BPP130U**.

- HEAD ACCORDING TO HN 68-S-90** (> EDF specifications)  
For underground lines (bimetallic lugs and sleeves).
- MAX. PASSAGE OF 34 mm**  
In the head for large sections.
- MECHANICAL STOP (NEW FEATURE)**  
The piston stops at stroke end.

<b>STROKE</b>	26 mm
<b>MAX. PASSAGE</b>	34 mm
<b>FORCE</b>	130 kN
<b>DIMENSIONS</b> (L x l x h in mm)	205 x 80 x 80
<b>WEIGHT</b>	3.600 kg



**ASSEMBLY N° 1  
FOR INDENTING APPLICATIONS**

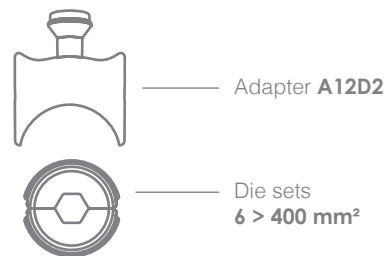
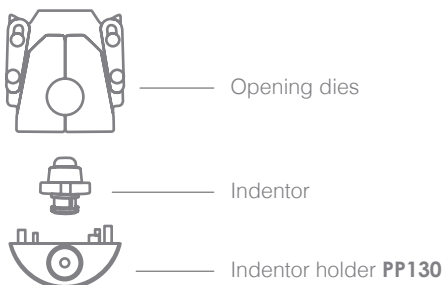
**DIE SETS**  
Refer to **PAGES 96**



**ASSEMBLY N° 2  
FOR CRIMPING APPLICATIONS**

130 kN crimping die sets can be used in this tool thanks to the adapter **A12D2**.

**DIE SETS**  
Refer to **PAGES 89 – 95**



> Common interchangeable die sets for **H130**,  
**XH130 & BPP130U** tools.

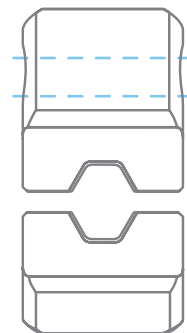


<b>DIMENSIONS</b> (mm)	405 x 270 x 105
<b>WEIGHT</b>	3.120 kg

> Delivered separately



Die sets  
50 > 630 mm<sup>2</sup>



# XH250

## CRIMPING HYDRAULIC HEAD

700  
bar

HEXAGONAL CRIMPING  
50 > 630 mm<sup>2</sup>



### PORTABLE & LIGHT

Leather strap to retain the die pin.



### STURDY, WIDE CAPACITIES

For medium and high voltage applications.



### CLOSING BY LOCKING PIN

Locking system of the upper die.



### SELF ALIGNING

Lower die centering in the head.

STROKE	28 mm
FORCE	250 kN
DIMENSIONS (L x l x h in mm)	287 x 100 x 130
WEIGHT	6.800 kg

APPLICATIONS	SECTIONS
Copper tubular lugs – NFC 20-130	50 > 630 mm <sup>2</sup>
Copper or alu. lugs and sleeves – DIN 48083	KZ8 > KZ44



DIMENSIONS (mm) 405 x 270 x 105

WEIGHT 3,120 kg

> Delivered separately

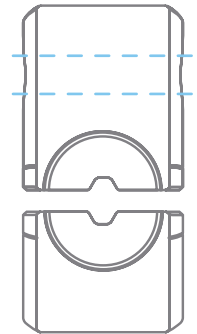


### DIE SETS

> Refer to PAGES 89 – 97



Die sets  
95 > 1000 mm<sup>2</sup>







# XH450



## CRIMPING HYDRAULIC HEAD

700  
bar

### HEXAGONAL CRIMPING 95 > 1000 mm<sup>2</sup>

-  **STURDY, WIDE CAPACITIES**  
For medium and high voltage applications.
-  **SIDE CONNECTING**  
Enables the laying of the head on a workbench.
-  **CLOSING BY LOCKING PIN**  
Locking system of the upper die.
-  **SELF ALIGNING**  
Lower die centering in the head.

<b>STROKE</b>	35 mm
<b>FORCE</b>	450 kN
<b>DIMENSIONS</b> (L x l x h in mm)	285 x 115 x 120
<b>WEIGHT</b>	11 kg

APPLICATIONS	SECTIONS
 Copper tubular lugs – NFC 20-130	95 > 1000 mm <sup>2</sup>
 Copper or alu. lugs and sleeves – DIN 48083	KZ14 > KZ60

 **DIE SETS**  
> Refer to **PAGES 89 – 97**



# XU250

**DEEP INDENTING  
HYDRAULIC HEAD**

700  
bar

**DEEP INDENTING**  
16 > 400 mm<sup>2</sup>

**HEXAGONAL CRIMPING**  
6 > 630 mm<sup>2</sup>

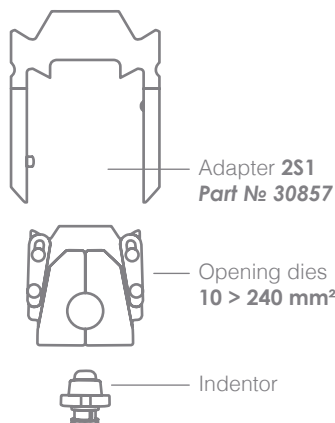


- HEAD ACCORDING TO HN.68.S.90** (> EDF specifications)  
For underground lines (bimetallic lugs and sleeves).
- INDENTOR OR DIE LOCKING ON THE PISTON**  
Thanks to a retractable thumb wheel.
- INDENTOR OR DIE INDEXING**  
Thanks to the screw, to avoid rotation.
- MECHANICAL STOP OF THE PISTON**  
The piston stops at stroke end.

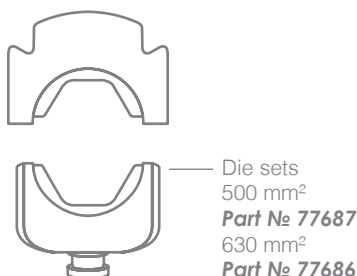
<b>STROKE</b>	29 mm
<b>FORCE</b>	250 kN
<b>DIMENSIONS</b> (L x l x h in mm)	270 x 116 x 98
<b>WEIGHT</b>	6.600 kg

**DIE SETS**  
> Refer to **PAGES 89 – 97**

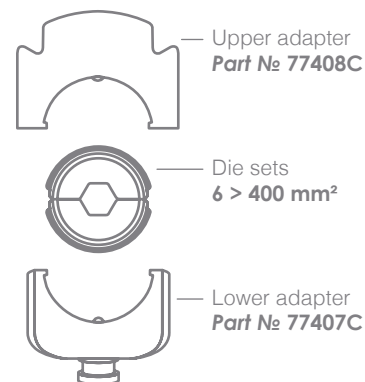
**CARRYING CASE**  
> Refer to **XH130 NEO**



**ASSEMBLY № 1**  
INDENTING APPLICATION



**ASSEMBLY № 2**  
CRIMPING APPLICATION



**ASSEMBLY № 3**  
CRIMPING APPLICATION



> Lug crimping with the hydraulic head **XC130-26** in a switchboard.





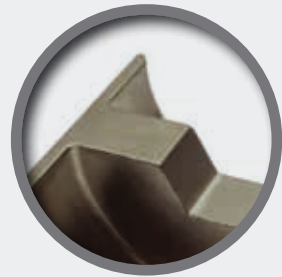
## CRIMPING DIE SETS



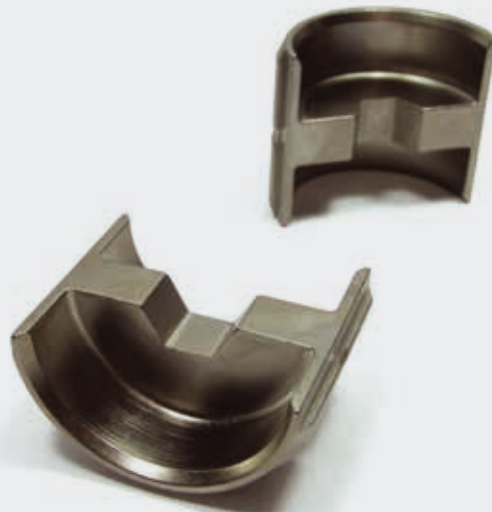
**CORROSION PREVENTIVE COVERING**  
AUTOCATALYTIC NICKEL  
• DO NOT WEAKEN PARTS



**RESULT STANDARDS**  
(MECHANICAL  
& ELECTRICAL  
SPECIFICATIONS)  
**NFC, DIN, EDF SPEC.**



**IN STEEL + HEAT TREATMENT**  
(HARDENING BY TEMPERING  
& ANNEALING)  
IMPROVEMENT OF HARDNESS  
& ELASTIC LIMIT

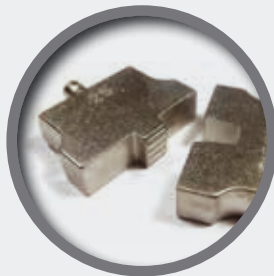


**APPLICATIONS :**

- **HEXAGONAL CRIMPING**
- **INDENTING**
- **DEEP INDENTING**
- **PRE-ROUNDING**



**IDENTIFICATION WITH INTERNAL  
& EXTERNAL MARKING**



**SPECIAL APPLICATIONS  
& ESTIMATE UPON REQUEST**  
ACCORDING SPECIAL CASES





# CRIMPING DIE SETS

<b>EARTH CIRCUIT &amp; INDUSTRIAL NETWORK</b>	<b>P.88 – 91</b>
<i>DIE SETS FOR TUBULAR SLEEVES &amp; LUGS – NFC 20-130</i>	<i>P.88 – 89</i>
<i>DIE SETS FOR C-SHAPED CONNECTORS</i>	<i>P.88 – 89</i>
<i>DIE SETS FOR COPPER FORGED TINNED LUGS</i>	<i>P.90 – 91</i>
<i>DIE SETS FOR COPPER/ALU. BIMETALLIC LUGS INDUSTRIAL NETWORK</i>	<i>P.90 – 91</i>
<b>LV INSULATED OVERHEAD LINE</b>	<b>P.90 – 91</b>
<i>DIE SETS FOR INSULATED SLEEVES &amp; LUGS</i>	<i>P.90 – 91</i>
<i>DIE SETS FOR SLEEVES</i>	<i>P.90 – 91</i>
<b>LV/HV BARE OVERHEAD LINE</b>	<b>P.92 – 95</b>
<i>DIE SETS FOR COPPER CONDUCTORS</i>	<i>P.92 – 93</i>
<i>DIE SETS FOR ALUMINUM ALLOY CONDUCTORS</i>	<i>P.92 – 93</i>
<i>DIE SETS FOR ALUMINUM/STEEL CONDUCTORS</i>	<i>P.92 – 95</i>
<b>COPPER OR ALUMINUM SECTORAL CABLE</b>	<b>P.94 – 95</b>
<i>DIE SETS FOR COPPER OR ALUMINUM SECTORAL CABLE</i>	<i>P.94 – 95</i>
<b>LV UNDERGROUND LINE</b>	<b>P.96</b>
<i>DIE SETS FOR ALU. &amp; COPPER/ALU. SLEEVES &amp; LUGS</i>	<i>P.96</i>
<b>EARTH CIRCUIT &amp; INDUSTRIAL NETWORK</b>	<b>P.96 – 97</b>
<i>DIE SETS FOR ALU. OR COPPER SLEEVES &amp; LUGS – DIN 48.083</i>	<i>P.96 – 97</i>



				D31		D36		D51		D62		D80	
				BPE031 BPL031		BPE036 BPL036		BPE055 BPL055		BPE062 BPL062 BPP062 XD51 XD62		BPP080	
				DIE SET PART No		DIE SET PART No		DIE SET PART No		DIE SET PART No		DIE SET PART No	
				WIDTH (mm)		WIDTH (mm)		WIDTH (mm)		WIDTH (mm)		WIDTH (mm)	
<p>HEXAGONAL CRIMPING</p> <p>NFC 20-130 XCT. - XG.</p>	SECTION (mm <sup>2</sup> )	CODE											
	4		02555	5	02633	5	31042	5					
	6		02378	9	02454	9	31038	9	84105	9	84105	9	
	10		02379	9	02431	9	31039	9	84106	9	84106	9	
	16		02380	9	02432	9	31040	9	84107	9	84107	9	
	25		02381	9	02433	9	31041	9	84108	9	84108	9	
	35		02382	9	02413	9	31038	9	84109	12	84109	12	
	50		02383	5	02434	5	31039	5	84110	12	84110	12	
	70		02384	5	02435	5	31040	5	84111	5	84111	5	
	95		02385	5	02414	5	31041	5	84112	5	84112	5	
	120				02414	5	31041	5	84113	5	84113	5	
	150				02437	3,5	31042	5	84113	5	84113	5	
	185				02415	3,5	31043	5	84114	5	84114	5	
	240						31297	5	84115	5	84115	5	
	300						31338	5	84116	5	84116	5	
	400								78453	6	78453	6	
	500												
	630												
	800												
	1000												
<p>INDENTING</p> <p>NFC 20-130 XCT. - XG.</p>	SECTION (mm <sup>2</sup> )	CODE											
	10-16-25-35-50		02410		02466		31166						
	70-95-120	INDENTORS	02411										
	150-185-240												
	10		02405	9	02577	9	31167	12					
	16		02406	9	02578	9	31168	12					
	25		02407	9	02579	9	31169	12					
	35		02408	9	02580	9	31169	12					
	50		02409	9	02581	9	31168	12					
	70		02412	9	02582	9	31167	12					
	95				02583	9	31170	12					
	120						31171	12					
	150												
	185												
	240												
300													
<p>HEXAGONAL CRIMPING</p>	SECTION (mm <sup>2</sup> )	CODE											
	6	C6	02689	9	02701	9	31310	9					
	10	C10	02690	9	02702	9	31311	9	84117	9	84117	9	
	16	C16	02691	5	02703	5	31312	2 x 5	84118	2 x 5	84118	2 x 5	
	25	C25					31315	5	84119	2 x 5	84119	2 x 5	
	35	C35											
	50	C50											
	70	C70											
	95	C95											
	120	C120											
150	C150												
185	C185												

EARTH CIRCUIT & INDUSTRIAL NETWORK  
TUBULAR SLEEVES & LUGS NFC 20-130

C-SHAPED CONNECTORS



		C130-XX BPE130		H130						
		BPP130X XC130-XX		BPP130U XH130		XH250		XH450		
		DIE SET PART №		ADAPTOR		DIE SET PART №		DIE SET PART №		
		WIDTH (mm)		WIDTH (mm)		WIDTH (mm)		WIDTH (mm)		
<p>HEXAGONAL CRIMPING</p> <p>NFC 20-130 XCT. - XG.</p>	SECTION (mm <sup>2</sup> )	CODE								
	4		80414	9	80414	9				
	6		30218	9	30218	9				
	10		30219	9	30219	9				
	16		30220	9	30220	9				
	25		30221	12	30221	12				
	35		30222	12	30222	12				
	50		30223	12	30223	12				
	70		30224	12	30224	12				
	95		30235	12	30235	12	30525	12		
	120		30236	12	30236	12	30526	12		
	150		30237	12	30237	12	30527	12	30390	16
	185		30228	12	30228	12	30528	12	77101	16
	240		30229	12	30229	12	30444	16	77102	16
	300		30452	9	30452	9	30445	16	77103	22
	400						30446	16	77104	22
	500						30447	16	77105	25
	630						30414	16	30466	25
	800						30448	16	77106	25
	1000						30449	16	77107	18
								30469	3 x 6	
								30470	18	
<p>INDENTING</p> <p>NFC 20-130 XCT. - XG.</p>	SECTION (mm <sup>2</sup> )	CODE								
	10-16-25-35-50		30327		30327					
	70-95-120		30331		30331					
	150-185-240		30335		30335					
	10	INDENTORS	30322	9	30322	9				
	16		30323	12	30323	12				
	25		30324	12	30324	12				
	35		30325	12	30325	12				
	50		30326	12	30326	12				
	70	NESTS	30328	16	30328	16				
	95		30329	16	30329	16				
	120		30330	16	30330	16				
	150		30332	22	30332	22				
	185		30333	22	30333	22				
	240		30334	22	30334	22				
	300									
	<p>HEXAGONAL CRIMPING</p> <p>* Except BPE130</p>	SECTION (mm <sup>2</sup> )	CODE							
		6	C6							
		10	C10	80160	9	80160	9			
16		C16	80161	2 x 5	80161	2 x 5				
25		C25	80162	2 x 5	80162	2 x 5				
35		C35								
50		C50								
70		C70	30562-01	18	30562-01	18				
95		C95								
120		C120								
150		C150								
185		C185								














				D31		D36		D51		D62		D80			
				BPE031		BPE036		BPE055		BPE062					
				BPL031		BPL036		BPL055		BPL062					
								XD51		XD62					
				DIE SET PART №		DIE SET PART №		DIE SET PART №		DIE SET PART №		DIE SET PART №			
				WIDTH (mm)		WIDTH (mm)		WIDTH (mm)		WIDTH (mm)		WIDTH (mm)			
EARTH CIRCUIT & INDUSTRIAL NETWORK COPPER FORGED TINNED LUGS	 HEXAGONAL CRIMPING HUR - DPD 	SECTION (mm²)	CODE												
		16	E100	02383	5	02434	5	31039	5	84110	12	84110	12		
		25													
		35													
		50													
		70													
		95						02415	3,5	31043	5	84114	5	84114	5
		120													
		150													
		185										84116	5	84116	5
240									84168	5	84168	5			
DPD 29/25			02393	5	02622	5	31047	5							
EARTH CIRCUIT & INDUSTRIAL NETWORK CU/AL BIMETALLIC LUGS INDUSTRIAL NETWORK	NFC 63-061 ICAU - ACX. 	35	E140	02234	9	02377	9	31217	9	84170	9	84170	9		
		50													
		70	E173			02376	9			84171	9	84171	9		
		95													
		120													
		150	E235							84219	5	84219	5		
		185													
		240													
300	E260							84175	5	84175	5				
LV INSULATED OVERHEAD LINE INSULATED LUGS & SLEEVES	MJPB. MJPT. MJT. EBPAU. EDBPAU CCFBD CPTA. DP/CN. XN8S. EJAS EDAS CN. 	6	E140	02234	9	02377	9	31217	9	84170	9	84170	9		
		10													
		16	d16 E140			02377	9			84170	9	84170	9		
		25	d20 E173			02376	9			84171	9	84171	9		
		35													
		50	E173			02376	9			84171	9	84171	9		
		54,6													
		70													
		70 N													
		95													
		120	E215			02371	9	31093	9	84173	9	84173	9		
		150													
		185	E280												
		240													
		SLEEVES	MJPAS MJPASE - JAS 	50	E260										
70															
95															
150															
SLEEVES	MJTAS MJTASE EJASE 	50	E215			02371	9	31093	9	84173	9	84173	9		
		70													
		95													
		150													
240/95N	E280														



				C130-XX		H130			
				BPE130					
				BPP130X		BPP130U			
				XC130-XX		XH130			
				DIE SET PART №	WIDTH (mm)	ADAPTOR	DIE SET PART №		
						WIDTH (mm)			
EARTH CIRCUIT & INDUSTRIAL NETWORK COPPER FORGED TINNED LUGS	 <b>HEXAGONAL CRIMPING</b> <b>HUR - DPD</b>	SECTION (mm <sup>2</sup> )	CODE			 <b>A12D2: 85880</b>	 30222 12		
		16		30222	12				
		25							
		35							
		50							
		70		30236	12				
		95							
		120							
		150		30228	12				
		185							
240									
DPD 29/25	E100	80390	18						
EARTH CIRCUIT & INDUSTRIAL NETWORK CU/AL BIFMETALLIC LUGS INDUSTRIAL NETWORK	 <b>NFC 63-061</b> <b>ICAU - ACX.</b>	35	E140	30578	9	 <b>A12D2: 85880</b>	30578	9	
		50		80387	18		80387	18	
		70	E173	30579	9		30579	9	
		95		80388	18		80388	18	
		120							
		150	E235	30636	9		30636	9	
		185		30358	18		30358	18	
		240							
		300	E260	80386	9		80386	9	
		LV INSULATED OVERHEAD LINE INSULATED LUGS & SLEEVES	 <b>MJPB.</b> <b>MJPT.</b> <b>MJT.</b> <b>EBPAU.</b> <b>EDBPAU</b> <b>CCFBD</b> <b>CPTA. DP/CN.</b> <b>XN8S. EJAS</b> <b>EDAS CN.</b>	6	E140		30578	9	 <b>A12D2: 85880</b>
10						30578	9		
16	E140			30578	9	30578	9		
25	E173			30579	9	30579	9		
35									
50	E173			30579	9	30579	9		
54,6									
70									
70 N									
95									
120	E215			30580	9	30580	9		
150									
185	E280		30360-01	9	30360-01	9			
240									
SLEEVES	 <b>MJPAS</b> <b>MJPASE - JAS</b>		50	E260	80386	9	80386	9	
			70						
			95						
			150						
	SLEEVES	 <b>MJTAS</b> <b>MJTASE</b> <b>EJASE</b>	50	E215	30580	9	30580	9	
			70						
		95							
		150							
		240/95N	E280	30360-01	9	30360-01	9		



				D31		D36		D51		D62		D80					
				BPE031		BPE036		BPE055		BPE062							
				BPL031		BPL036		BPL055		BPL062		BPP080					
								XD51		XD62							
				DIE SET PART №		DIE SET PART №		DIE SET PART №		DIE SET PART №		DIE SET PART №					
				WIDTH (mm)		WIDTH (mm)		WIDTH (mm)		WIDTH (mm)		WIDTH (mm)					
COPPER CONDUCTORS	 <b>HEXAGONAL CRIMPING</b> 	SECTION (mm <sup>2</sup> )	CODE														
				JU		02436 5		02625 5		31047 5		84176 5		84176 5			
				7.07 (30/10)		E54		02462 5		02626 5		31045 9		84177 9		84177 9	
				9.9 (35/10)		E68											
				10.8													
				12.56 (40/10)													
				12.4		E72		02486 5		02627 5		31044 5		84178 5		84178 5	
				14.1													
				15.9 (45/10)													
				19.6 (50/10)													
				17.8		E83		02487 5		02628 5		31046 9		84179 9		84179 9	
				22													
				27.6													
				28.26 (60/10)		E100		02393 5		02622 5		31047 5		84168 5		84168 5	
				29.3													
				38.2													
				38.46 (70/10)													
				48.3		E120		02488 5		02629 5		31044 5		84169 5		84169 5	
				59.7		E173				02376 9		31046 9		84171 9		84171 9	
				74.9													
93.3																	
116		E215				02371 9		31093 9		84173 9		84173 9					
146																	
182		E230								84174 5		84174 5					
LV/HV BARE OVERHEAD LINE	 <b>ALU. CRIMPING</b> 	SECTION (mm <sup>2</sup> )	CODE														
				JL - CN2AA		E100		02393 5				31047 5		84168 5		84168 5	
				CN2AU. - CNAA		E120		02488 5				31044 5		84169 5		84169 5	
				- ABT. - CB		E140		02234 9		02377 9		31217 9		84170 9		84170 9	
				CBO. - RDB													
				QN2AU. - AT		E173				02376 9				84171 9		84171 9	
				- AB - AR - LR													
				- ALR		E210						31048 5		84172 5		84172 5	
				148		E230								84174 5		84174 5	
				181.6		E250											
				228		E280											
				JAR - JALR - JLR		E120		02488 5				31044 5		84169 5		84169 5	
				22													
				27.8													
				34.4													
37.7		E140		02234 9		02377 9		31217 9		84170 9		84170 9					
43.1																	
54.6																	
58.9		E173				02376 9				84171 9		84171 9					
69.3																	
80																	
88																	
59.7		E210						31048 5		84172 5		84172 5					
116.2																	
75.5		E230								84174 5		84174 5					
147.1																	
181.6		E250															
228		E280															
ALUMINUM/STEEL CONDUCTORS	 <b>ALUMINUM CRIMPING</b> 	SECTION (mm <sup>2</sup> )	CODE														
				22													
				27.8													
				34.4													
				37.7		E140		02234 9		02377 9		31217 9		84170 9		84170 9	
				43.1													
				54.6													
				58.9		E173				02376 9				84171 9		84171 9	
				69.3													
				80													
				88													
				59.7		E210						31048 5		84172 5		84172 5	
				116.2													
				75.5		E230								84174 5		84174 5	
				147.1													
181.6		E250															
228		E280															



				C130-XX		H130		
				BPE130				
				BPP130X		BPP130U		
				XC130-XX		XH130		
				DIE SET PART №	WIDTH (mm)	ADAPTOR	DIE SET PART №	
						WIDTH (mm)		
<b>COPPER CONDUCTORS</b>		HEXAGONAL CRIMPING	SECTION (mm <sup>2</sup> )	CODE				
	<b>JU</b>		7.07 (30/10)	E54	80389	18	80389	18
			9.9 (35/10)	E68	30346	18	30346	18
			10.8					
			12.56 (40/10)					
			12.4	E72	30347	10	30347	10
			14.1					
			15.9 (45/10)					
			19.6 (50/10)					
			17.8	E83	30348	18	30348	18
			22					
			27.6					
			28.26 (60/10)	E100	80390	18	80390	18
			29.3					
			38.2					
			38.46 (70/10)					
			48.3	E120	80152	18	80152	18
			59.7	E173	30353	14	30353	14
			74.9					
			93.3					
		116	E215	30580	9	30580	9	
		146						
		182	E230	30357	10	30357	10	
<b>ALUMINUM/STEEL CONDUCTORS</b>		<b>JL - CN2AA</b>	22	E100	80390	18	80390	18
		<b>CN2AU. - CNAA</b>	34.4	E120	80152	18	80152	18
		<b>- ABT. - CB</b>	43.1	E140	30352	14	30352	14
		<b>CBO. - RDB</b>	54.6					
		<b>QN2AU. - AT</b>	75.5	E173	30353	14	30353	14
		<b>- AB - AR - LR</b>	93.3					
		<b>- ALR</b>	117	E210	30355	10	30355	10
			148	E230	30357	10	30357	10
		<b>ALU. CRIMPING</b>	181.6	E250	30250	5	30250	5
		<b>JAR - JALR - JLR</b>	228	E280	30360	5	30360	5
			17.8	E120	30351	9	30351	9
			22					
			27.8					
			34.4					
			37.7	E140	30352	14	30352	14
			43.1					
			54.6					
	58.9	E173	30353	14	30353	14		
	69.3							
	80							
	88							
	59.7	E210	30355	10	30355	10		
	116.2							
	75.5	E230	30357	10	30357	10		
	147.1							
<b>ALUMINUM CRIMPING</b>	181.6	E250	80453	5	80453	5		
	228	E280	30360	5	30360	5		
						<b>A12D2: 85880</b>		
							80390	
							80152	
							30352	
							30353	
							30355	
							30357	
							30250	
							30360	
							30351	
							30352	
							30353	
							30355	
							30357	
							80453	
							30360	



				D31		D36		D51		D62		D80															
				BPE031		BPE036		BPE055		BPE062																	
				BPL031		BPL036		BPL055		BPL062																	
								XD51		XD62		BPP080															
				DIE SET PART №	WIDTH (mm)	DIE SET PART №	WIDTH (mm)	DIE SET PART №	WIDTH (mm)	DIE SET PART №	WIDTH (mm)	DIE SET PART №	WIDTH (mm)														
LV/HV BARE OVERHEAD LINE ALUMINIUM/STEEL CONDUCTORS		HEXAGONAL CRIMPING	SECTION (mm <sup>2</sup> )	CODE																							
														JAR - JALR - JLR	17.8	E54	02436	5	02625	5	31047	5	84176	5	84176	5	
															22												
															27.8												
															34.4												
															43.1												
															37.7	E72	02486	5	02627	5	31044	5	84178	5	84178	5	
															54.6												
															69.3												
															88												
															58.9	E100	02393	5	02622	5	31047	5	84168	5	84168	5	
															80												
															59.7	E120	02488	5			31044	5	84169	5	84169	5	
															75.5												
															116.2												
															147.1												
															181.6	E135											
	228	E160																									
STEEL CRIMPING			SECTION (mm <sup>2</sup> )																								
															6												
															10												
															16												
															25												
															35												
															50												
															70												
															95												
															120												
															150												
															185												
															240												
															300												
															400												
															500												
															630												
COPPER OR ALUMINIUM SECTORAL CABLE		PRE- ROUNDING	SECTION (mm <sup>2</sup> )																								
															6												
															10												
															16												
															25												
															35												
															50												
															70												
															95												
															120												
															150												
															185												
															240												
															300												
															400												
															500												
															630												





		C130-XX				H130					
		BPE130									
		BPP130X				BPP130U					
		XC130-XX				XH130					
		DIE SET PART №		WIDTH (mm)		ADAPTOR					
		DIE SET PART №		WIDTH (mm)		DIE SET PART №					
		WIDTH (mm)				WIDTH (mm)					
<b>LV/HV BARE OVERHEAD LINE</b> <b>ALUMINIUM/STEEL CONDUCTORS</b>	<b>HEXAGONAL CRIMPING</b>	SECTION (mm <sup>2</sup> )	CODE								
	<b>JAR - JALR - JLR</b> 	17.8	E54	30345	10	<b>A12D2: 85880</b>					
		22									
		27.8									
		34.4									
		43.1									
		37.7	E72	30347	10						
		54.6									
		69.3									
		88									
		58.9							E100	30349	10
		80									
		59.7	E120	30351	9						
		75.5									
		116.2									
		147.1									
	181.6	E135				80452	5				
228	E160										
<b>STEEL CRIMPING</b>		SECTION (mm <sup>2</sup> )									
<b>COPPER OR ALUMINIUM SECTORAL CABLE</b>	<b>PRE-ROUNDING</b>	SECTION (mm <sup>2</sup> )									
		6				<b>A12D2: 85880</b>					
		10									
		16									
		25	84134	35							
		35	84135	35							
		50	84136	35							
		70	30518	60							
			84137	35							
			30519	60							
		95	84138	35							
			30520	60							
			84139	35							
		120	30521	70							
			84140	35							
		150	30522	70							
			84141	35							
185	30523	75									
	84142	35									
240	30524	75									
	80449	60									
300											
400											
500											
630											



				D31		D36		D51		D62		D80		
				BPE031 BPL031		BPE036 BPL036		BPE055 BPL055		BPE062 BPL062 BPP062		BPP080		
				DIE SET PART №	WIDTH (mm)	DIE SET PART №	WIDTH (mm)	DIE SET PART №	WIDTH (mm)	DIE SET PART №	WIDTH (mm)	DIE SET PART №	WIDTH (mm)	
				SECTION (mm <sup>2</sup> )		CODE	DIE SET PART №		DIE SET PART №		DIE SET PART №		DIE SET PART №	
<b>EARTH CIRCUIT &amp; INDUSTRIAL NETWORK</b> COPPER OR ALUMINIUM SLEEVES & LUGS DIN 48.083	HEXAGONAL CRIMPING DIN 48.083	copper			KZ 4		02495 5		31326 5					
		alu.			KZ 5		02513 5		31234 5					
		4			KZ 6		02521 5		31121 5		84121 5		84121 5	
		6			KZ 7						84190 5		84190 5	
		10			KZ 8		02526 5		02396 5		84122 5		84122 5	
		16			KZ 9						84191 5		84191 5	
		25			KZ 10		02527 5		02397 5		84123 5		84123 5	
		35			KZ 11						84200 5		84200 5	
		35 25			KZ 12		02552 5		02398 5		84124 5		84124 5	
		50 35			KZ 14		02455 5		02399 5		84125 5		84125 5	
		70 50			KZ 16		02421 5		02400 5		84126 5		84126 5	
		95 70			KZ 18		02558 5		02401 5		84127 5		84127 5	
		120			KZ 19						84128 5		84128 5	
		120			KZ 20						84129 5		84129 5	
		150			KZ 21									
		150 95&120			KZ 22									
		185 150			KZ 23									
		240 185			KZ 25						84130 5		84130 5	
		240			KZ 28						84131 5		84131 5	
		240			KZ 32						84133 5		84133 5	

				H130			XU250							
				BPP130U XH130			DIE SET PART №		DIE SET PART №		ADAPTOR	INDENTOR PN		
<b>LV UNDERGROUND LINE</b> AL & CU/AL SLEEVES & LUGS	DEEP INDENTING	SECTION (mm <sup>2</sup> )			DIE SET PART №		DIE SET PART №		2SI: 30857					
		CODE			INDENTOR PART №		INDENTOR HOLDER PART № 30842				INDENTOR PN			
		16			0E		30861 30865				30392		30392	
		25												
		35												
		50			1E		30862 30866				30393		30393	
		70												
		95												
		120			2E		30863 30867				30394		30394	
		150												
		185			4E		30864 30868				30395		30395	
		240												
300		5E						30860						
400														



# SLEEVING CUT FASTEN CONNECT CRIMP PUNCH










## **VARIOUS APPLICATIONS**

Thanks to our know how in hydraulic toolings, we developed different adapted and effective application solutions.

> Don't hesitate to consult us for any specific request.



# SPECIAL TOOLS

		ES51 (SETTING TOOL FOR CRIMPING NUTS)	P.100
		PO50 (PUNCHING TOOL)	P.101
SPECIAL TOOLS		MK31 (SLEEVING TOOL)	P.102
		BPP1301 (SLEEVING TOOL)	P.103
		BCP20R (REBAR CUTTER)	P.104
DIELESS TOOLS		BPP50O (OPENED HEAD)	P.106
		BPP50F (CLOSED HEAD)	P.107
		TOOLS CONTROL	P.108



## ES51

### HAND HYDRAULIC SETTING TOOL FOR CRIMPING NUTS

#### POWERFUL, STURDY & HAND TOOL

The hydraulic force of this hand tool enables the setting of all crimping nuts types (*flat head nuts, countersunk nuts, alu...*) from **M6** to **M16**.

#### FUNCTIONAL TOOL

- 1 draw stud + 1 anvil per nut thread (*common counter-nut*).
- Adjustment of the stroke by alu ring.
- Unscrewing the nut by the wheel at handle extremity.

#### AUTOMATIC PRESSURE RELEASE

- With audible "clik".
- Piston retraction by release trigger.

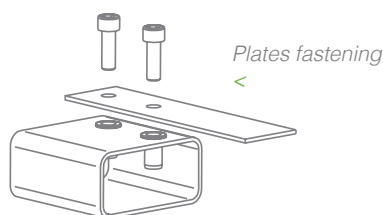
<b>ADJUSTABLE STROKE</b>	0 to 7 mm
<b>FORCE</b>	50 kN
<b>DIMENSIONS</b> (L x l x h in mm)	380 x 135 x 55
<b>WEIGHT</b>	2.660 kg

#### MIN. & MAX. THICKNESS OF PLATES FOR CRIMPING NUTS (mm)

Diameter (Ø)	Countersunk nuts	Flat head nuts
M6	0.5 – 8	1.5 – 9
M8	0.5 – 10.5	1.5 – 9
M10	1 – 11	1.5 – 9
M12	1 – 10	1.7 – 10.5
M14	1.5 – 9	3 – 9



<b>DIMENSIONS</b> (L x l x h in mm)	560 x 180 x 100
<b>WEIGHT</b>	2.740 kg
<b>PART N°</b>	30172V (as option)



TYPE	DRAW STUD PART N°	COUNTER NUT PART N°	ANVIL NOSE PART N°	PART N° FOR COMPLETE SET
M6	30174	30146	30175	30809
M8	30154		30150	30810
M10	30153		30149	30811
M12	30152		30148	30812
M14	30151		30147	30813
M16 *	30215		30214	30829

\* Possible on OTALU (Rivklé) and SIMAF (Serbloc) range only.

Please check the charts from manufacturers of your crimping nuts to know the required stroke and to ensure that the nuts are compatible with the plate thickness.



# PO50

## HAND HYDRAULIC PUNCHING TOOL

### POWERFUL TOOL

Although it is an hand tool, the hydraulic force enables punching of plates from all types of raw material and with large diameters.

### EASY & QUICK TO USE

To use with draw-studs of  $\varnothing$  9,5 or 19 mm, and standard punches/dies.

### REMOVABLE HANDLE

To work in restrictive areas.

### AUTOMATIC PRESSURE RELEASE

- With audible "clac".
- Piston retraction by release trigger.

Reduction sleeve, ring, and key:

> **supplied with tool.**



<b>DIMENSIONS</b> (L x l x h in mm)	560 x 180 x 100
<b>WEIGHT</b>	2.740 kg
<b>PART N°</b>	30172V (as option)

<b>STROKE</b>	21 mm
<b>FORCE</b>	50 kN
<b>DIMENSIONS</b> (L x l x h in mm)	350 x 130 x 55
<b>WEIGHT</b>	2.700 kg



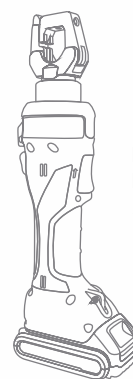
### MAX. THICKNESS OF PLATES (mm)

Diameters ( $\varnothing$ )	Aluminum	Steel	Stainless steel
$\varnothing$ 96	3	2 - 2.5	1.5
$\varnothing$ 75	3 - 3.5	2.5 - 3	2
$\varnothing$ 60	3.5 - 4	3	2 - 2.5

> List of punches/dies, **on request.**



<b>TIRANT <math>\varnothing</math> 19 mm <math>\frac{3}{4}</math></b>	<b>PART N° 30198</b>
<b>TIRANT <math>\varnothing</math> 9,5 mm <math>\frac{3}{8}</math></b>	<b>PART N° 30199</b>



Exists on 18 V Li-Ion battery tool **BPL031 & BPE031**.  
> Refer to **PAGE 30 & 40**

## MK31

### HAND HYDRAULIC SLEEVING TOOL

Cables sleeving as loop slings with alu. or copper ferrules.  
*Not recommended for lifting.*



#### LIGHT & POWERFUL TOOL

Hand tool, this crimper is sleeving ferrules up to **M6**.

#### AUTOMATIC PRESSURE RELEASE

With audible "clic".

Piston retraction by release trigger.



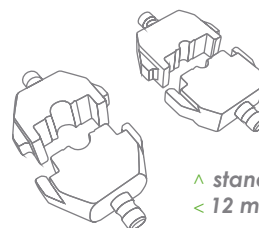
**DIMENSIONS** (L x l x h in mm) 350 x 260 x 85

**WEIGHT** 0.740 kg

> Delivered with the tool.

<b>FORCE</b>	8 mm
<b>STROKE</b>	35 kN
<b>DIMENSIONS</b> (L x l x h in mm)	200 x 50 x 175
<b>WEIGHT</b>	1.540 kg

- Applications in marine, building (*architecture*), adventure parks...
- Sleeving ensures quality, safety and long life expectancy (*compared to manual splices or binding screws*).
- Resistance to tensile force equal to wire break of load. TALURIT approved.



▲ **standard** die sets  
< **12 mm** die sets

Ø STEEL CABLES (mm)	FERRULE	DIE-SET	STANDARD WIDTH	SLEEVING	12 mm WIDTH	SLEEVING
0.9 – 1.1	1.5	<b>M1.5</b>	02438	1		
1.2 – 1.6	2	<b>M2</b>	02440	2	02476	1
1.7 – 2.1	2.5	<b>M2.5</b>	02442	2	02478	1
2.2 – 2.6	3	<b>M3</b>	02444	2	02480	1 or 2
2.7 – 3.1	3.5	<b>M3.5</b>	02472	2	02482	2
3.2 – 3.6	4	<b>M4</b>	02446	3	02484	2
3.7 – 4.2	4.5	<b>M4.5</b>	02474	4		
4.3 – 4.6	5	<b>M5</b>	02448	4		
4.7 – 5.5	6	<b>M6</b>	02450	5		

- Number of die-set = number of ferrule (*as per DIN 3093*)
- Flash-grooves





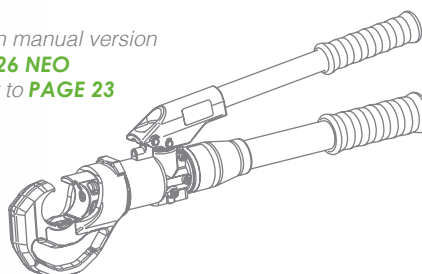
## NEOELEC™ BPP1301

### HYDRAULIC SLEEVING TOOL

Exists in manual version

**C130-26 NEO**

> Refer to **PAGE 23**

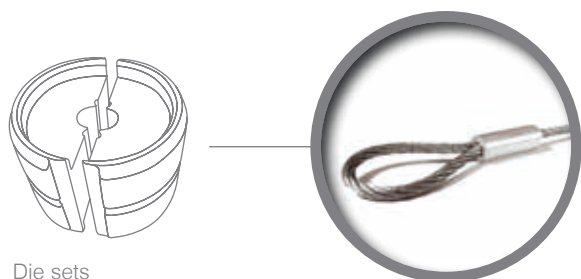


#### ERGONOMIC & WELL-BALANCED TOOL



#### ADVANCED FUNCTIONS BY ELECTRONIC CARD

- On/off button
- PLI for battery charge level, for crimp conformity, for maintenance
- USB connection for data analysis
- PLI lighting of the workplace



Die sets  
**M1.5 > M5**

<b>FORCE</b>	130 kN
<b>BATTERY</b>	18 V Li-Ion 4,0 Ah
<b>CRIMPING TIME</b>	9 s
<b>BATTERY CAPACITY</b>	150 crimps
<b>DIMENSIONS</b> (L x l x h en mm)	430 x 75 x 310
<b>WEIGHT</b>	6.500 kg

- Cables sleeving as loop slings with alu or copper ferrules.  
*Not recommended for lifting.*

- Applications in marine, building (*architecture*), adventure parks...

- Sleeving ensures quality, safety and long life expectancy  
(*compared to manual splices or binding screws*)

- Resistance to tensile force equal to wire break of load.  
TALURIT approved.

> Case and charger delivered with the tool.

> **NEOELEC™** accessories

Refer to **PAGE 56 – 57.**

Ø STEEL CABLES (mm)	FERRULE	DIE-SET	PART No	SLEEVING
0.9 – 1.1	1.5	<b>M1.5</b>	30405	1
1.2 – 1.6	2	<b>M2</b>	30406	1
1.7 – 2.1	2.5	<b>M2.5</b>	30407	1
2.2 – 2.6	3	<b>M3</b>	30408	1
2.7 – 3.1	3.5	<b>M3.5</b>	30502	1
3.2 – 3.6	4	<b>M4</b>	30409	1
3.7 – 4.2	4.5	<b>M4.5</b>	30410	1
4.3 – 4.6	5	<b>M5</b>	30411	1

- Number of die set = number of ferrule (*as per DIN 3093*)

- Flash-grooves



## NEOELEC™ BCP20R



### HYDRAULIC BATTERY OPERATED REBAR CUTTER

#### LIGHT & PORTABLE TOOL - BATTERY 18 V 4.0 Ah LI-ION

- Ideal for field use, height work...
- Limitation of musculo-skeleton disorders

#### MECHANICAL SYSTEM TO MAINTAIN THE REBAR IN THE CUTTING AXIS

To avoid damages on blades.

#### INTERCHANGEABLE BLADES, SPECIAL TREATMENT

Easy to replace and use.

#### CLEAN CUT, WITHOUT ANY RISK FOR OPERATOR

No sparks.

<b>FORCE</b>	130 kN
<b>BATTERY</b>	18 V Li-Ion 4.0 Ah
<b>CUTTING TIME</b>	9 s
<b>BATTERY CAPACITY</b> Ø 10 mm	200 cuts
	Ø 16 mm
<b>DIMENSIONS</b> (mm)	430 × 90 × 310
<b>WEIGHT</b>	7 kg



Cutting of standard construction rebars  
**FROM 4 TO 20 mm:**

- Deformed bars, round steel bars
  - Chains
  - Steel rods and threaded rods
- > **Please contact us.**

Blades kit  
>



- > Case and charger delivered with the tool.
- > **NEOELEC™** Accessories Refer to **PAGE 57.**

PART №	ACCESSORIES	DIMENSIONS (L × l × h in mm)	WEIGHT
77531	Reinforced plastic case (as option)	594 × 494 × 149	3.660 kg
AC18220	220 V EC plug fast charger (*)	180 × 120 × 80	0.540 kg
AC18012	12 V light-cigar charger	180 × 120 × 80	0.660 kg
AB18LI400	18 V 4.0 Ah Li-Ion battery	115 × 75 × 65	0.620 kg
91846	Blades kit		

(\* possible with **UK** or **US** plug – 110 V)

> Rebar cut with the battery operated tool **BCP20R**.



\* **WITHOUT DIES** WHAT EVER IS THE SECTION.



NEOELEC™  
**BPP0500\***



**4 INDENT CRIMPING CU/AL**  
**10 > 240 mm<sup>2</sup>**

BATTERY OPERATED HYDRAULIC  
**DIELESS CRIMPING TOOL** OPEN TYPE

Tool designed for crimping of lugs and sleeves on multistrands cables.



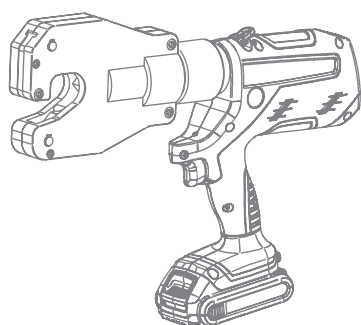
**ROTATIVE HEAD**  
360°



**2 SPEEDS HYDRAULIC SYSTEM**  
For a fast advance.



**INSULATED HEAD**  
> As an option



> Also available in mini pistol **BPE0500**:

**LIGHTER & SMALLER**  
**SIMPLE HYDRAULIC SYSTEM**  
**STRONG, WITHOUT ELECTRONIC**  
Refer to **PAGE 26**

<b>STROKE</b>	32 mm
<b>FORCE</b>	50 kN
<b>CRIMPING TIME</b> (depending on section)	5 to 7 s
<b>BATTERY CAPACITY</b> (for 350 MCM lug (185 mm <sup>2</sup> ))	340 crimps
<b>DIMENSIONS</b> (L x l x h in mm)	430 x 335 x 75
<b>WEIGHT</b> (with battery)	6.100 kg



<b>DIMENSIONS</b> (mm)	471 x 415 x 116
<b>WEIGHT</b>	2.050 kg

> Case and charger delivered with the tool.  
> **NEOELEC™** accessories  
Refer to **PAGE 56 – 57**.

\* **WITHOUT DIES** WHAT EVER IS THE SECTION.



> New design of the head, lighter, thinner and more ergonomic.

**NEOELEC™**  
**BPP050F\***  
 BATTERY OPERATED HYDRAULIC  
**DIELESS CRIMPING TOOL** FLIP TOP TYPE



**4 INDENT CRIMPING**  
 6 > 400 aluminum  
 6 > 300 copper



Tool designed for crimping of lugs and sleeves on multistrands cables.

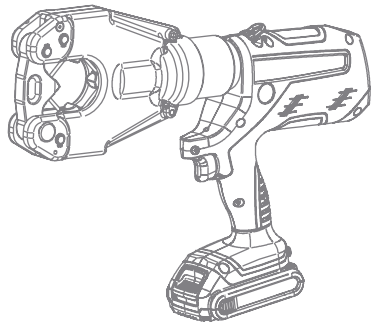


**ROTATIVE HEAD**  
 360°



**2 SPEEDS HYDRAULIC SYSTEM**  
 For a fast advance.

<b>STROKE</b>	32 mm
<b>FORCE</b>	50 kN
<b>CRIMPING TIME</b> (depending on section)	5 to 7 s
<b>BATTERY CAPACITY</b> (for 350 MCM lug (185 mm²))	340 crimps
<b>DIMENSIONS</b> (L x l x h in mm)	450 x 340 x 75
<b>WEIGHT</b> (with battery)	6.100 kg



<b>DIMENSIONS</b> (mm)	471 x 415 x 116
<b>WEIGHT</b>	2.050 kg

> Case and charger delivered with the tool.  
 > **NEOELEC™** accessories  
 Refer to **PAGE 56 – 57.**

> Also available in mini pistol **BPE050F:**

**LIGHTER & SMALLER**  
**SIMPLE HYDRAULIC SYSTEM**  
**STRONG, WITHOUT ELECTRONIC**  
 Refer to **PAGE 26**

# TOOLS CONTROL



The pressure gauges & manometers are precision measuring instruments that are used to check compliance of the force developed by a tool or an hydraulic source, within just a few minutes.

- > Periodic control of all your hydraulic tools is necessary to guarantee the force developed by these tools and therefore, their ability to perform the work to which they are dedicated.
- > Quick and easy control, without dismantling the tool.
- > Each model is adapted to the type of tool to be checked and the measuring range.
- > **Needle pressure gauge:** the tool pressure is checked and is compliant when the needle is located within the green range at the moment of release.
- > **Digital pressure gauge** - recommended for **NEOELEC™** tools: used to read peak values (maximum value reached by the tool). To read the control, see the cross-reference table provided.
- > All our pressure gauges and manometers are delivered in a carrying case, with a calibration certificate.
- > To check tools other than those stated below, **please contact us.**

## PRESSURE GAUGES FOR CRIMPING TOOL

Used to check the calibration of manual and battery operated crimping tools.

- > Fitted directly into the tool head, if necessary, equipped with special adapters (included).

D31, D31-Elec	BPE031, BPL031
- PART N° 300342	- 300342-DIG
D36, D36-Elec	BPE036, BPL036
- PART N° 300436	- 300436-DIG
D62, D62-Elec	BPL062, BPP062
- PART N° 300234	- 300234-DIG
C130, C130-Elec, H130, H130-Elec	BPP130
- PART N° 30910-1	- 30910-DIG

- > By removing the tool head.

D51, D55 Elec	BPE055, BPL055
- PART N° 300405	- 300405-DIG

## MANOMETERS FOR POWER PACKS

Used to check calibration of an hydraulic source. It is connected directly onto the hose, in place of the hydraulic head.

GHA702, BGH700, PHE705, PHE706, PHP700  
- PART N° 82812-BAR or 82812-PSI



> Used to check the calibration of the manual crimping tool C130-26.



# DUBUIS, IT'S ALSO:



ROLLING STOCK



AUTOMOTIVE



SHIP BUILDING

## EARTH BONDS

FOR A RELIABLE ELECTRICAL CONNECTION

**Earth bonds** allow equipotentiality between 2 metal structures or devices (rolling stock, transformers, windmills, offshore platform, cars...).



### DISCOVER OUR EARTH BONDING SYSTEM

- > A 20 pages book explaining Dubuis's Earth Bonding system, an innovative method for setting a secure fixing with a reliable electrical connection. The earth bond offers an equipotential link between a structure and equipment, and allows the passage of high intensity current in case of short-circuit.





RAILWAY

# CATENARY MAINTENANCE TOOLS

Dubuis offers a full range of tooling for contact wire maintenance, during various operations.



## Keys products:

- Insulated Pole **PITM**
- Double arch Universal switch rod head **TPU2**
- Tension detector :  
400 – 3 600 V & 25 000 V
- Rail foot clamp & temporary connection cable.

# SIGNALLING, RETURN OF TRACTION CURRENT

Thanks to the rail bond advantages, Dubuis has provided solutions for the reliability of connections. The regularity of traffic on all rail networks equipped with this concept is considerably improved.

## Keys products :

- Electrical connection to the rail with bond:  
Ø 8 mm M6 to Ø 22 mm M16 & setting tools PHXIN
- Rail drilling Machines & accessories



Find our full range of products on the rail catalog available on [www.dubuis.com](http://www.dubuis.com).

# INDEX

## EDITORIAL

DUBUIS COMPANY	
BRAND HISTORY	
QUALITY STANDARDS	
RESEARCH & DEVELOPMENT   INNOVATION	
PRODUCTION	
AFTER SALES SERVICES   TRAINING	
SALES TEAM	
TRADE SHOWS	

## MANUAL HYDRAULIC TOOLS

### MANUAL HYDRAULIC CUTTING TOOLS

CG25	14
CG40	15
CG55	16
CG85	17

### MANUAL HYDRAULIC CRIMPING TOOLS

D31	18
D36	19
D51	20
D62	21
D80	22
C130-26   -32   -38	23
H130	24

## NEOELEC™ HYDRAULIC TOOLS

### MINI PISTOL TOOLS

BCE025G	28
BCE035i	29
BPE031	30
BPE036	31
BPE055	32
BPE062	33
BPE130	34

### IN LINE TOOLS

BCL025G	38
BCL035i	39
BPL031	40
BPL036	41
BPL055	42
BPL062	43

### PISTOL TOOLS

BCP040G	46
BCP045G	47
BCP055G	48
BCP085G	49
BCP065i	50
BPP062	51
BPP080	52
BPP1301   02   03	53
BPP130U	54
CRIMP CONTROL SOFTWARE	55
NEOELEC™ BATTERIES & CHARGERS	56
NEOELEC™ ACCESSORIES	57

## HYDRAULIC POWER PACKS

POWER PACK/HEAD CONNECTION	60
PHP700	61
PHE705	62
PHE706	63
BGH700	64 – 65
ACCESSORIES	66
FITTINGS & FLEXIBLE HOSES	67

## HYDRAULIC HEADS

### HYDRAULIC CUTTING HEADS

XCG25	70
XCG40	71
XCG45	72
XCG55	73
XCG85	74
XCi35	75
XCi65	76
XCi95	77

### HYDRAULIC CRIMPING HEADS

XD51	78
XD62	79
XC130-26   32   38	80
XH130	81
XH250	82
XH450	83
XU250	84

## CRIMPING DIE SETS

EARTH CIRCUIT & INDUSTRIAL NETWORK	88 – 91
LV INSULATED OVERHEAD LINE	90 – 91
LV/HV BARE OVERHEAD LINE	92 – 95
COPPER OR ALU. SECTORAL CABLE	94 – 95
LV UNDERGROUND LINE	96
DIE SETS ACCORDING TO DIN 48083	96 – 97

## SPECIAL TOOLS

ES51	100
PO50	101
MK31	102
BPP1301 - SLEEVING	103
BCP130R	104

## HYDRAULIC CRIMPING DIELESS TOOLS

BPP050O	106
BPP050F	107
TOOLS CONTROL	108





**ENERGY ON HAND.**

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