

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 facade*



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, living 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  
 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.**

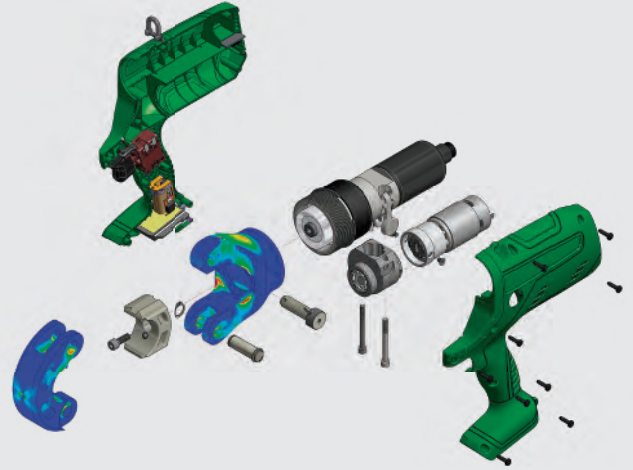
# RESEARCH & DEVELOPMENT

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.

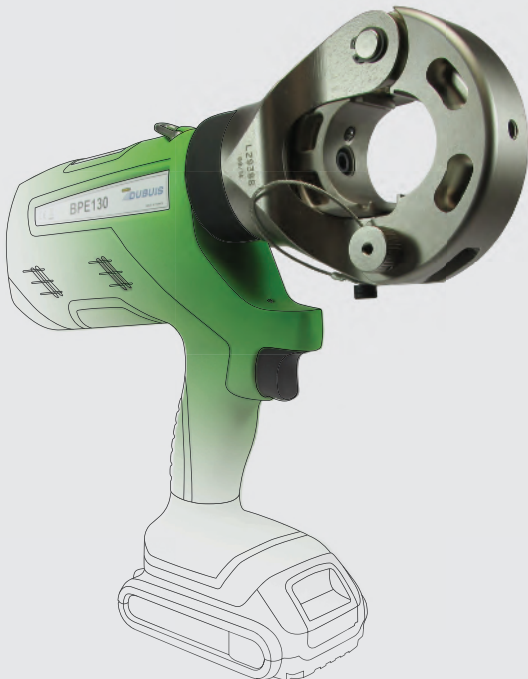
Always in the vanguard of technologies, our 3D design and finite element analysis resources, enable the creation and development of increasingly efficient, light, ergonomic and innovative tools.

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 workstation, they carry on the quality of manufactured products.

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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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)

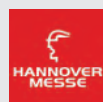




Dubuis' stand at Le Bourget Air Show 2015.

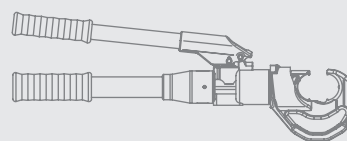
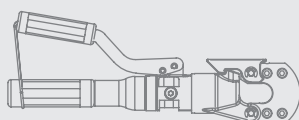
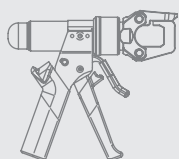
## TRADE SHOWS :

Dubuis is constantly innovating and introducing new products. To see for yourself, be sure to stop by our booth at many major EMEA trade fairs. For more information, please follow @SBDInfrastruct on Twitter.





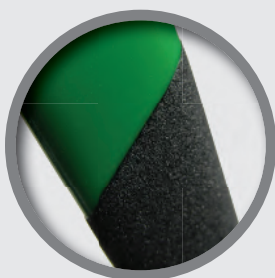
# STRONG, RELIABLE & ERGONOMIC



By release trigger.

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

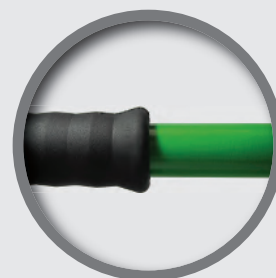
By release lever  
(located on moveable handle).  
Handle rotation & closure.



**TWO-COLORED  
& ANTI SKID SHEATHS**



**ERGONOMIC  
MOVEABLE HANDLE**



**INSULATED  
HANDLES**



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
















**INTERCHANGEABLE  
DIE SETS**  
Simple or reversible.

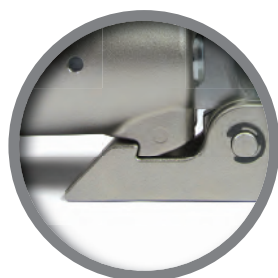


**AUTOMATIC  
RELEASE**  
At pressure setting.  
> Audible click

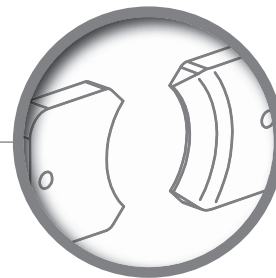


# MANUAL HYDRAULIC TOOLS

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**.

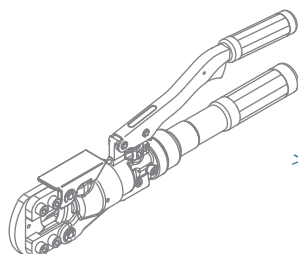
**TYPE OF CABLES**  
copper, aluminum and steel

**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

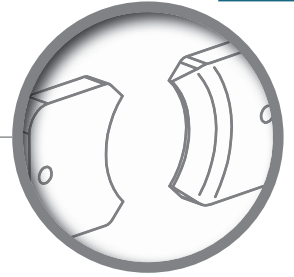
> Delivered with the tool.

	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.

	<b>TYPE OF CABLES</b>	<b>MAX. HARDNESS</b>	<b>MAX. Ø OF CUT (mm) *</b>
<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.

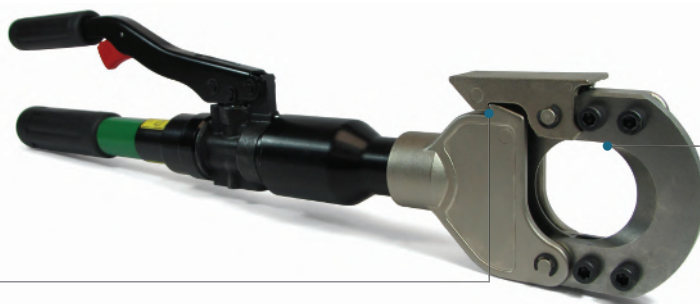


Do not use this tool on live cables.





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



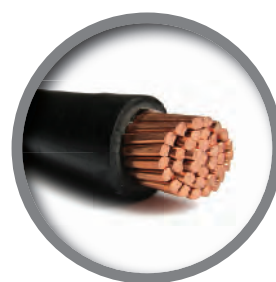
# CG55





## 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.

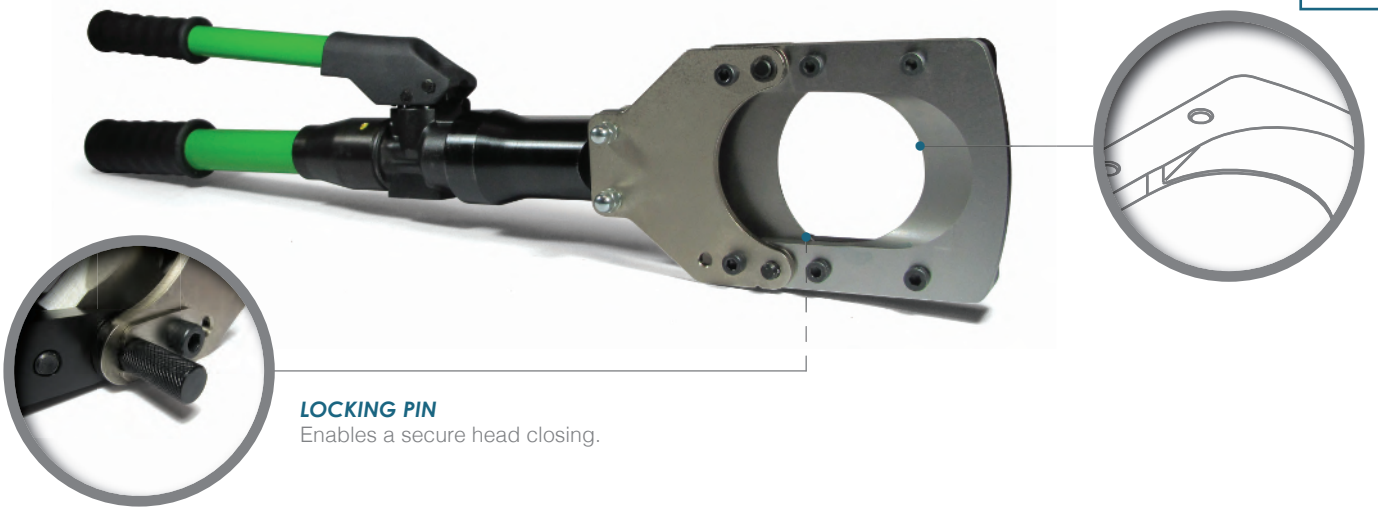
**MAX. CUTTING CAPACITIES**

\* 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**.

**TYPE OF CABLES**  
copper and aluminum

**MAX. PASSAGE**  
Ø 85 mm



**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.

<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



**WIDE OPENING**  
Easy for cables passage.



**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>



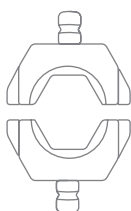
**THE MOST COMPACT TOOL ON THE MARKET**  
Ideal for crimping LV/MV lugs.



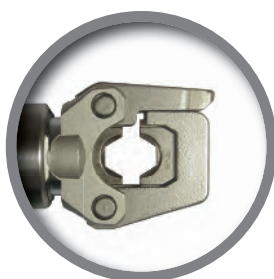
**NARROW HEAD**  
To work in switchboards.



**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>**



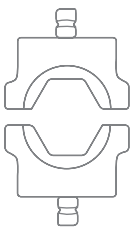
**THE MOST COMPACT TOOL ON THE MARKET**  
Ideal for crimping LV/MV lugs.



**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.

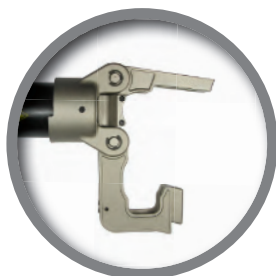
<b>STROKE</b>	8 mm
<b>FORCE</b>	35 kN
<b>DIMENSIONS</b> (L x l x h in mm)	215 x 50 x 175
<b>WEIGHT</b>	1.360 kg

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>

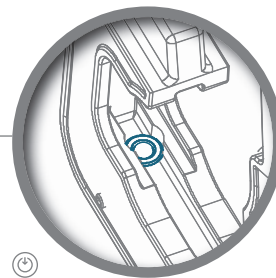


<b>DIMENSIONS</b> (mm)	350 x 260 x 85
<b>WEIGHT</b>	0.700 kg

> Delivered with the tool.



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

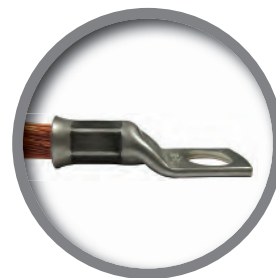


# D51

## MANUAL HYDRAULIC CRIMPING TOOL

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

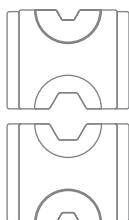
**HEXAGONAL CRIMPING**  
4 > 240 mm<sup>2</sup>



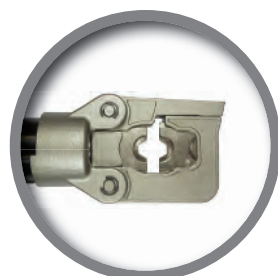
**BALL HEAD DOWEL**  
Enables setting of 38 mm width die (manufactured by **DUBUIS**) or 30 mm (manufactured by other companies).



**INTERCHANGEABLE DIE SETS**  
Simple or reversible.



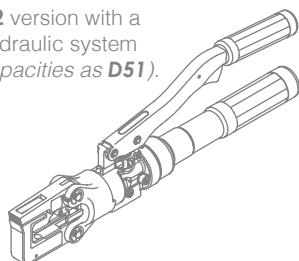
Die sets  
4 > 240 mm<sup>2</sup>



**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>

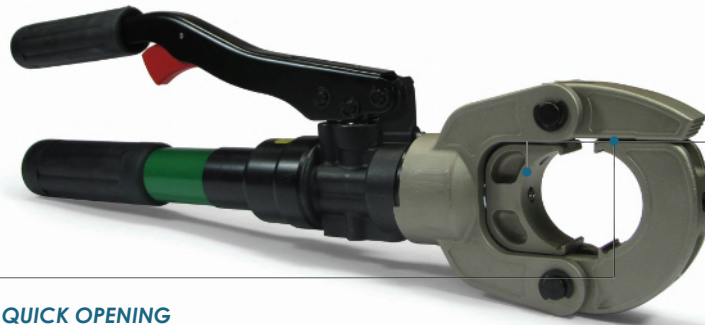


<b>DIMENSIONS</b> (mm)	490 x 302 x 90
<b>WEIGHT</b>	1.300 kg

> 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**.

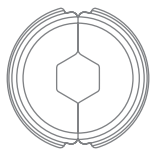


**COMPATIBLE DIE SETS**  
With 80 kN & 130 kN ranges.



**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**.

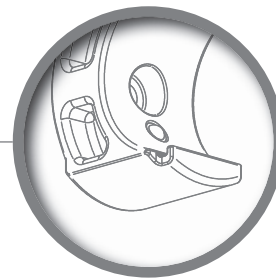
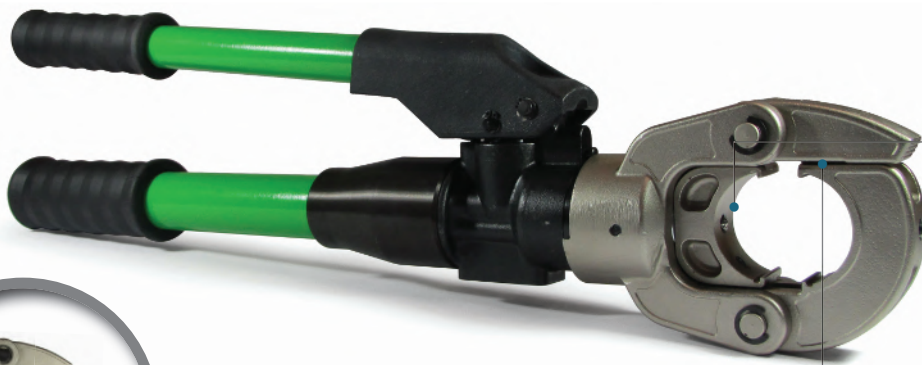
<b>STROKE</b>	13 mm
<b>FORCE</b>	62 kN
<b>DIMENSIONS</b> (L x l x h in mm)	420 x 53 x 150
<b>WEIGHT</b>	2.850 kg

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.



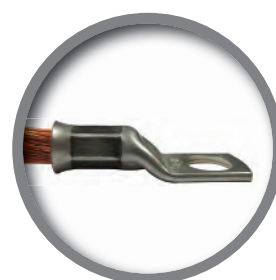
**QUICK OPENING & CLOSING HEAD**  
Easy to replace die sets.

# D80

## MANUAL HYDRAULIC CRIMPING TOOL

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

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

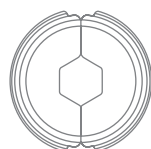


**2 SPEEDS HYDRAULIC SYSTEM**  
For a fast advance.

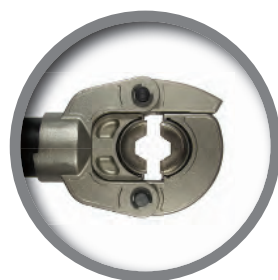


**COMPATIBLE DIE SETS**  
With **62 kN** & **130 kN** ranges.

<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**.

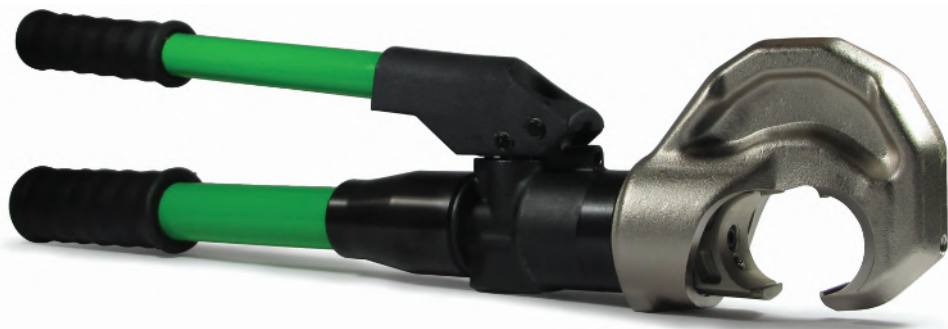
> Common interchangeable die sets  
for **D80 & BPP080** | **D62, XD62, BPE062,**  
**BPL062 & BPP062**.

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.)

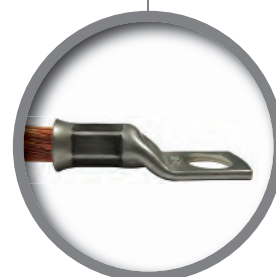


# C130 <sup>-26</sup> <sup>-32</sup> <sup>-38</sup> NEO



## 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.



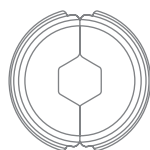
**OVERHEAD LINES CRIMPING**  
Tool designed for this application.



**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 88 – 96.**

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



<b>DIMENSIONS</b> (mm)	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 No 1 FOR INDENTING APPLICATION**

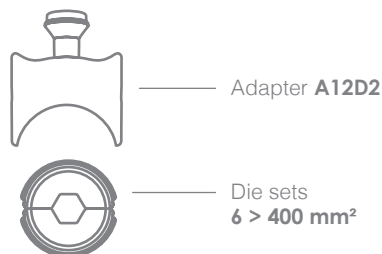
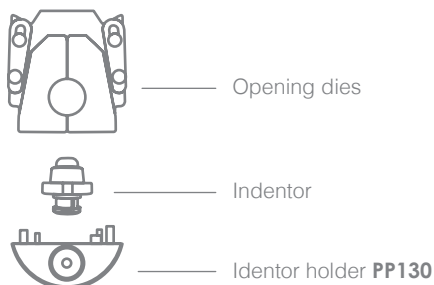
> Refer to **PAGES 96**.



**ASSEMBLY No 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.

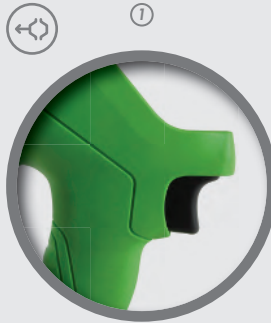


> Steel cable spool cut with the manual tool **CG40**.

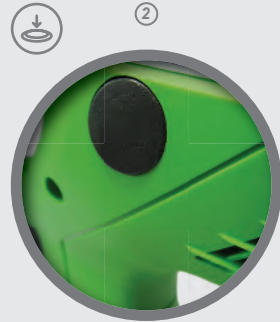




NEW



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 x 75 x 245 mm  
2.460 kg  
(for BPE036 tool)



**EASY TO USE**

No electronic card.










**EASY TO HANDLE & ERGONOMIC**

Design for balanced gravity.

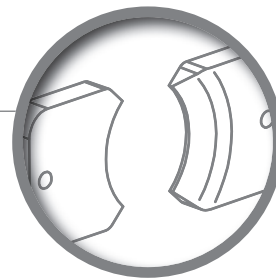


# NEOELEC™ BATTERY OPERATED HYDRAULIC TOOLS MINI PISTOL TYPE

CUTTING TOOLS		BCE025G	P.28
		BCE035I	P.29
		BPE031	P.30
CRIMPING TOOLS		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.

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°



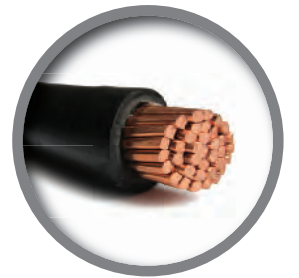
Do not use this tool on live cables.

**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.




NEOELEC™  
**BPE031**

HYDRAULIC CRIMPING TOOL  
MINI PISTOL TYPE

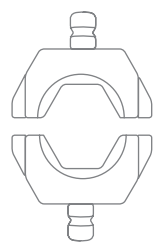
18V  
2Ah

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

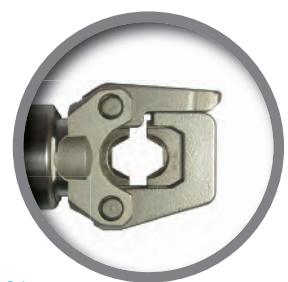
> Identical force, stroke and capacities as the manual tool **D31** and the battery operated tool **BPL031**.

-  **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>

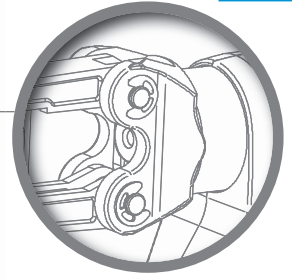


<b>DIMENSIONS</b> (mm)	520 x 440 x 130
<b>WEIGHT</b>	2.300 kg

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



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



## 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

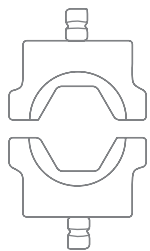


**EXCELLENT RATIO WEIGHT/CAPACITIES**  
2.460 kg – 35 kN – 150 mm<sup>2</sup>



**ROTATIVE HEAD**  
180°

<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



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



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>



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

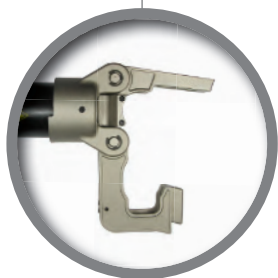
> Common interchangeable die sets  
for **D36**, **BPL036** & **BPE036** tools.



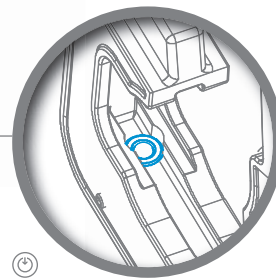
<b>DIMENSIONS</b> (mm)	520 x 440 x 130
<b>WEIGHT</b>	2.300 kg

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





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

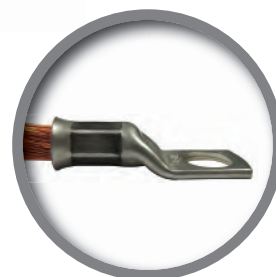


NEOELEC™  
**BPE055**

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).

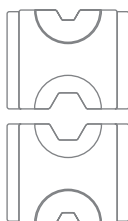


**INTERCHANGEABLE DIE SETS**  
Simple or reversible.

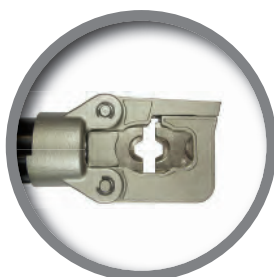


**ROTATIVE HEAD**  
340°

<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



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



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

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

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.



## 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**.

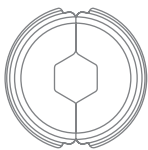


**COMPATIBLE DIE SETS**  
With 80 kN & 130 kN ranges.



**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

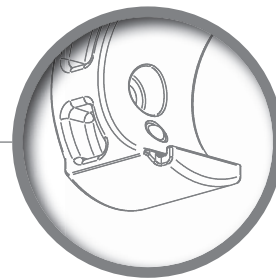
**WEIGHT** 2.300 kg

> Case and charger delivered with the tool.

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



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

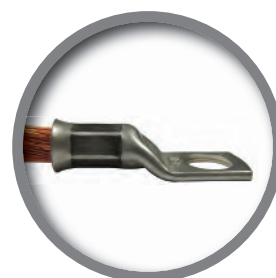


NEOELEC™  
**BPE130**

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.



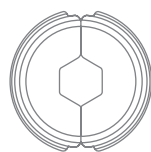
**EXCELLENT WEIGHT/CAPACITY RATIO**  
From 6 up to 400 mm<sup>2</sup>.



**STRONG HEAD**  
130 kN



**ROTATIVE HEAD**  
360°



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>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

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**

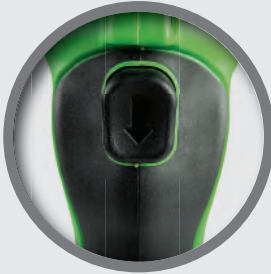


③



**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.









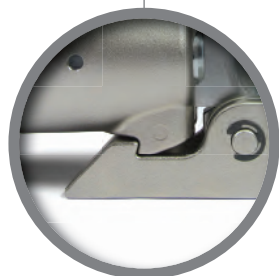
Audible automatic discharge.



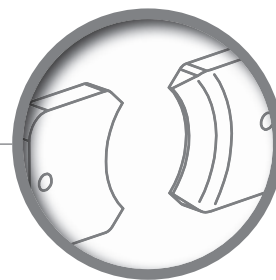
# NEOELEC™ BATTERY OPERATED HYDRAULIC TOOLS

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



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

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



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

- 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.

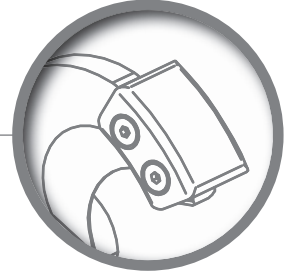


<b>DIMENSIONS</b> (mm)	471 x 415 x 116
<b>WEIGHT</b>	2.050 kg

> 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

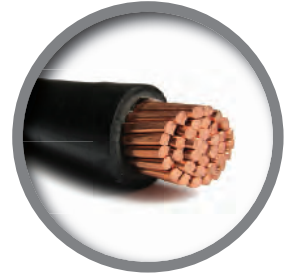
> Identical force, stroke and capacities as the **XCi35** and the battery operated tool **BCE035i**.

- 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

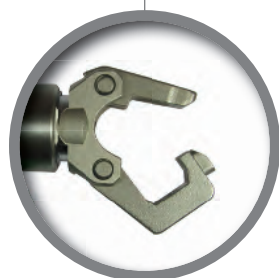
*No round bars, no steel sheet reinforced cable either.*



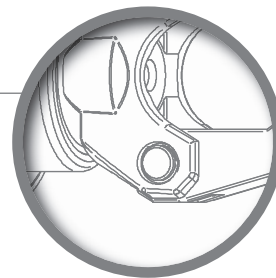
<b>DIMENSIONS</b> (mm)	471 x 415 x 116
<b>WEIGHT</b>	2.050 kg

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





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

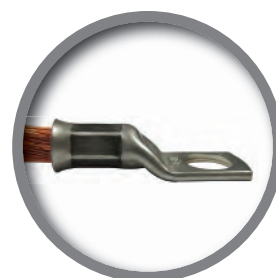


NEOELEC™  
**BPL031**

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**.



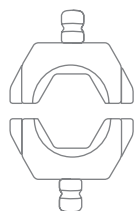
**NARROW HEAD**  
To work in switchboards.



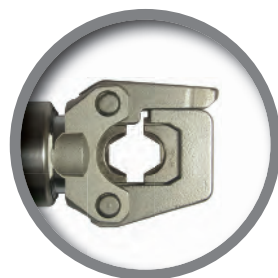
**EXCELLENT RATIO WEIGHT/CAPACITIES**  
2.100 kg – 35 kN – 95 mm<sup>2</sup>



**ROTATIVE HEAD**  
180°



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



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

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

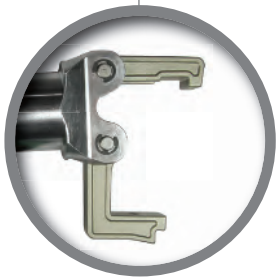
<b>STROKE</b>	8 mm
<b>FORCE</b>	35 kN
<b>CRIMPING TIME</b> (depending on section)	3 to 4 s
<b>BATTERY CAPACITY</b> (for 95 mm <sup>2</sup> copper lug)	270 crimps
<b>DIMENSIONS</b> (L x l x h in mm)	128 x 75 x 340
<b>WEIGHT</b> (with battery)	2.100 kg

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



<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™ 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

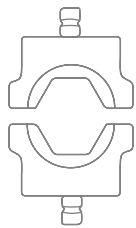


**EXCELLENT RATIO WEIGHT/CAPACITIES**  
2.200 kg – 35 kN – 150 mm<sup>2</sup>



**ROTATIVE HEAD**  
180°

<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



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



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

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

### APPLICATIONS

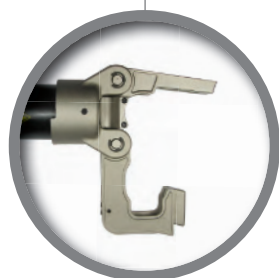
### SECTIONS

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>

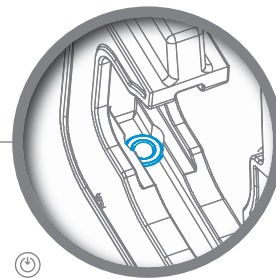


<b>DIMENSIONS</b> (mm)	471 x 415 x 116
<b>WEIGHT</b>	2.050 kg

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



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

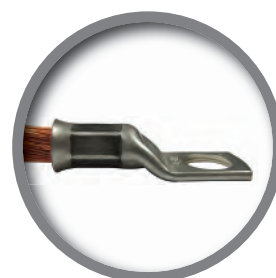


NEOELEC™  
**BPL055**



HYDRAULIC CRIMPING TOOL  
IN LINE TYPE

18V  
2Ah

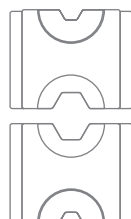
**HEXAGONAL CRIMPING**  
4 > 240 mm<sup>2</sup>



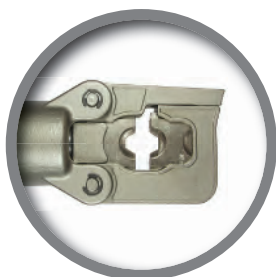
> Identical force, stroke and capacities as the manual tool **D51** and the battery operated tool **BPE055**.

-  **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>



 **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 <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



<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.

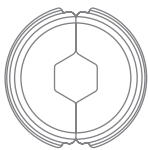


**COMPATIBLE DIE SETS**  
With **80 kN** & **130 kN** ranges.



**ROTATIVE HEAD**  
180°

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



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.

<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

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



**DIMENSIONS** (mm) 471 x 415 x 116

**WEIGHT** 2.050 kg

> Case and charger delivered with the tool.

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



①



LED LIGHTING OF THE WORKPLACE

②



ROBUST PLASTIC HOUSING WITH RUBBER GRIP

⑦



SLIDING TRIGGER LOCK FOR SAFETY



⑤ & ⑥



TWO DIFFERENT CONTROL TRIGGERS

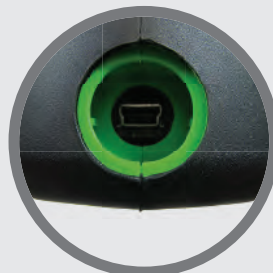
- ⑤ WORKING TRIGGER
- ⑥ RELEASE TRIGGER

③



HANDLING RING FOR TRANSPORTATION (STRAP) OR SAFETY CABLE

④



USB CONNECTION 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.

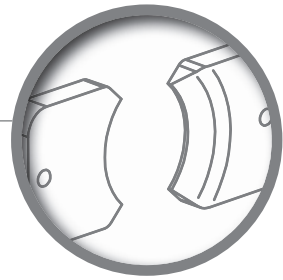


2 hydraulic pump stages for improved fast advance.  
Pressure safety system to prevent from pressure failures, with audible click at release.



# 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
		CRIMP CONTROL SOFTWARE	P.55
		ACCESSOIRES NEOELEC™	P.56 – 57



**LOCKING PIN**

Enables a secure head closing.



NEOELEC™  
**BCP040G**

HYDRAULIC CUTTING TOOL  
**PISTOL GUILLOTINE TYPE**

18V  
4Ah

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

**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°

**FORCE**

88 kN

**CUTTING TIME**

8 to 20 s

**CUTTING CAPACITY – DEPENDS ON MATERIALS**

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

480 x 85 x 325

**WEIGHT** (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 (medium hard steel)	< 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)
<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

## 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 (> 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.

### FORCE

130 kN

### CUTTING TIME

10 to 30 s

### CUTTING CAPACITY – DEPENDS ON MATERIALS

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

510 x 75 x 330

### WEIGHT (with battery)

8.500 kg

> Case and charger delivered with the tool.

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

### MAX. CUTTING CAPACITIES

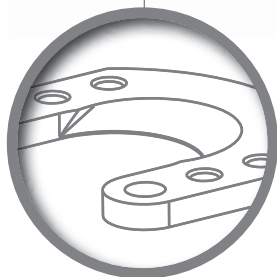
\* Other dimensions and cables to be approved with tests.

	TYPE OF CABLES	MAX. HARDNESS	MAX. Ø OF CUT (mm) *	
CABLES	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 (medium hard steel)	< 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	> Please contact us.		
	BARS	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.



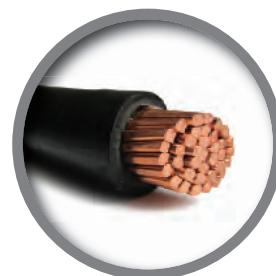
NEOELEC™  
**BCP055G**

HYDRAULIC CUTTING TOOL  
PISTOL GUILLOTINE TYPE

18V  
4Ah

**TYPE OF CABLES**  
copper and aluminum

**MAX. PASSAGE**  
Ø 55 mm



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



**NEW COUNTER BLADE**

Decreases cable distortion when cutting.



**SHARP BLADE & COUNTER BLADE**

Improve the cable cutting (> copper and aluminum cables).



**ROTATIVE HEAD**

270°

**FORCE**

43 kN

**CUTTING TIME**

7 to 15 s

**CUTTING CAPACITY – DEPENDS ON MATERIALS**

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

500 x 75 x 335

**WEIGHT** (with battery)

6.400 kg



**WIDE OPENING**

Easy for cables passage.



**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**.

**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.



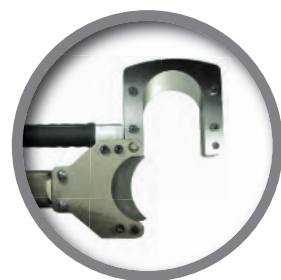
**SHARP BLADE & COUNTER BLADE**  
Improve the cable cutting (> copper and aluminum cables).



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



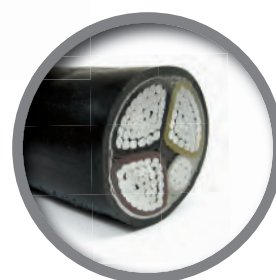
**ROTATIVE HEAD**  
180°



**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**.



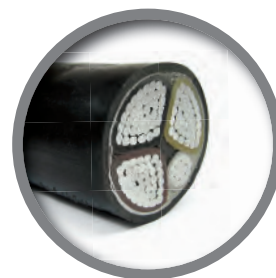
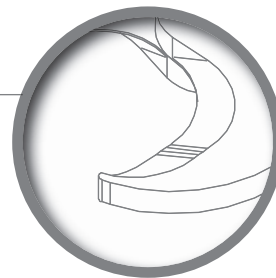
### MAX. CUTTING CAPACITIES

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.



# 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°

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

**MAX. CUTTING CAPACITIES \***

<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 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.

> **NEOELEC™** 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 battery operated tools **BPE062 & BPL062**.

**VERY LIGHT HEAD**

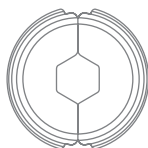
Excellent ratio weight/capacity.

**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

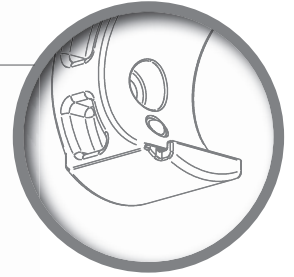
> Case and charger delivered with the tool.

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





**QUICK-DIE HEAD**  
Easily replaceable dies.



NEOELEC™  
**BPP080**

HYDRAULIC CRIMPING TOOL  
PISTOL TYPE

18V  
4Ah

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



> Identical force, stroke and capacities as the D80 manual tool.



**VERY LIGHT HEAD**  
Excellent ratio weight/capacity.

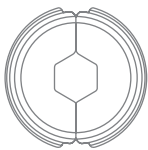


**COMPATIBLE DIE SETS**  
With 62 kN & 130 kN ranges.

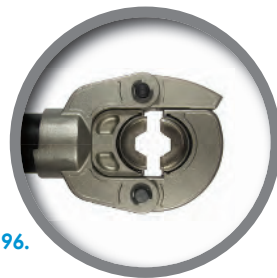


**ROTATIVE HEAD**  
270°

<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



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

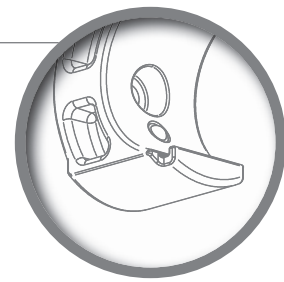
> Case and charger delivered with the tool.  
> **NEOELEC™** accessories  
Refer to **PAGE 56 – 57**.



> Available with strokes

**26, 32, 38 & 44.**

(Please contact us for 44 mm version.)



NEOELEC™

# BPP130

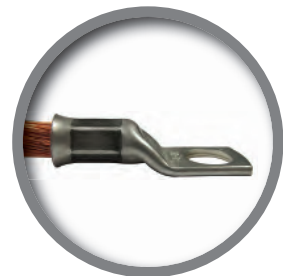
-1  
-2  
-3

## 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.



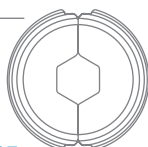
#### EQUIPPED WITH MECHANICAL STOP

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

> 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°

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

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



<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 No 1**  
FOR INDENTING APPLICATION

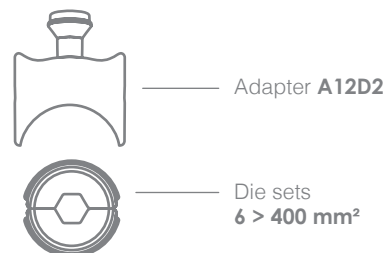
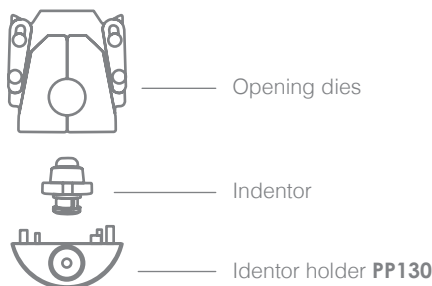
> Refer to **PAGES 96**.



**ASSEMBLY No 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 indentor 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.



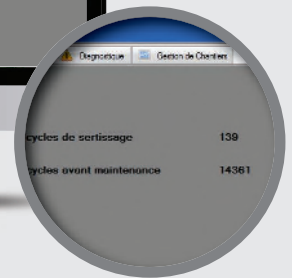
## HANDLING MANAGEMENT

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



## REPORT / RESULT

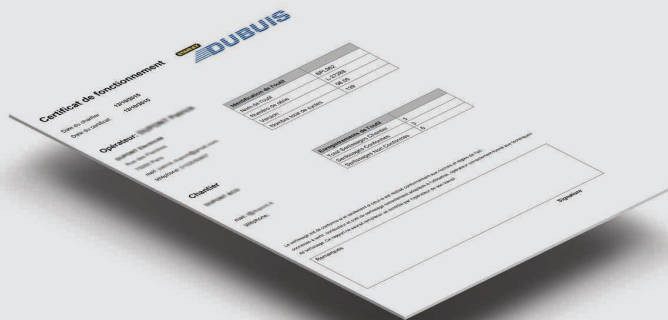
You will get a complete certificate on the tool conformity.



cycles de serrissage	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.

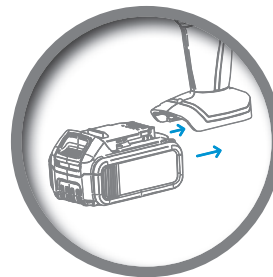


**EXCELLENT LIFE TIME**

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



> 4,0 Ah batteries' replacement in 2016.  
> 25% more autonomy.



## 18V LI-ION 5.0 Ah RECHARGEABLE BATTERY

<b>PART №</b>	AB18LI500
<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.

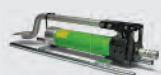




# HYDRAULIC POWER PACKS

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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](#)



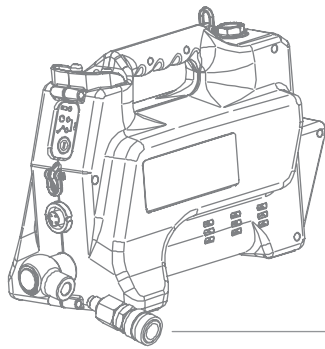
**FITTINGS & FLEXIBLE HOSES**

[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.



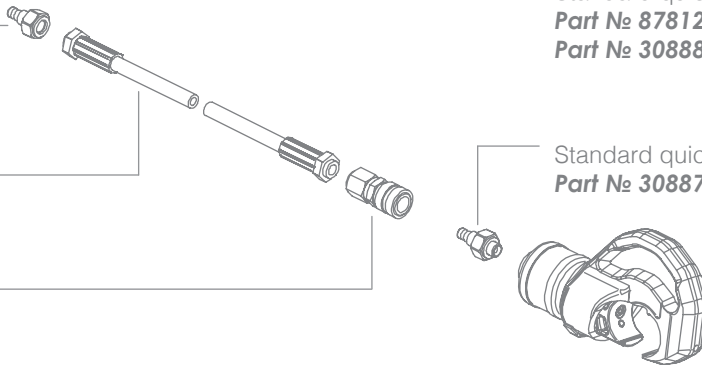
Standard quick nozzle  
(pack side)  
**Part № 80847**

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.

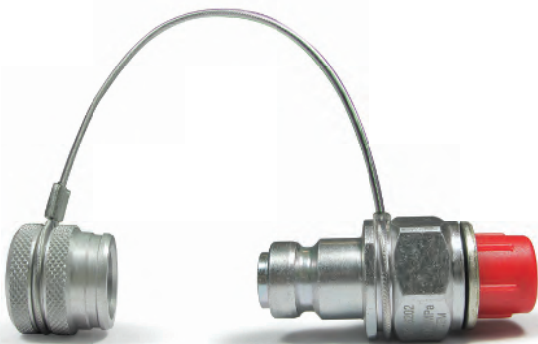
**To be screwed:** secured connection for EDF – LV

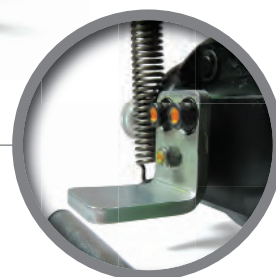
**Others: contact us**

### 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.

**AS AN 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

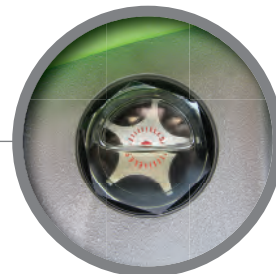
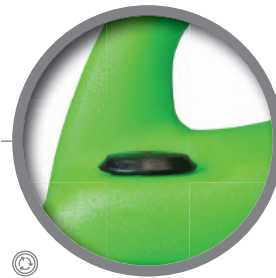


### FITTINGS & HOSES ACCESSORIES

> 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 ( <i>delivered separately</i> )
<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 (L x l x h in mm)</b>	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 (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



# 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 hydraulic heads.



### SILENT & POWERFUL MOTOR

Gives an excellent weight/capacity ratio.



### HIGH & CONSTANT FLOW

ex. : Crimping of 6 × 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 × 200 × 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 × 400 × 490
<b>WEIGHT</b>	10.700 kg
<b>PART N°</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

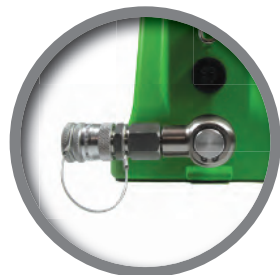
⑥

①

③



③



**360° ROTATING COUPLING**

⑤



**MANUAL RELEASE BY  
EMERGENCY BUTTON**

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.



## NEOELEC™ BGH700

**18V 5,0Ah 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 5.0 Ah BATTERY

<b>WEIGHT</b>	0.620 kg
<b>PART N°</b>	AB18LI500



### 220V CHARGER

<b>WEIGHT</b>	0.540 kg
<b>PART N°</b>	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 hydraulic 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

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## REMOTE CONTROL

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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

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Double foot controller pedal, *Advance/Hold-Return*.

Equipped with a 3 m cable length.

To replace the remote control (82801).

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**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.

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**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

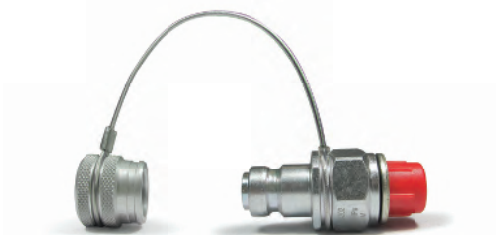
> To be connected to the 700 bar power pack.

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

> Other lengths, please contact us.

## ¼ BSP QUICK STANDARD FITTINGS

> ¾ NPT fittings: **consult us.**



### ¼ BSP THREADED QUICK STANDARD NOZZLE (HV/MV)

> To be connected to the hydraulic head.

**Part № 30887**



### ¼ BSP THREADED QUICK STANDARD COUPLER

> To be connected to the 700 bar power pack.

**Part № 30888**

## SCREWING FITTINGS



### SCREWING NOZZLE (EDF - LV) ½ A VALVE, ¾ NPT THREADED

> To be connected to the hydraulic head.

**Part № HSER001**



### SCREWING COUPLER (LV) ½ B VALVE, ¾ NPT THREADED

> To be connected to the HP flexible hose, head side.

**Part № HSER002**

## ADAPTERS



> For female ¼ BSP thread to be converted into a female ¾ NPT thread.

**Part № HREM68211-40**



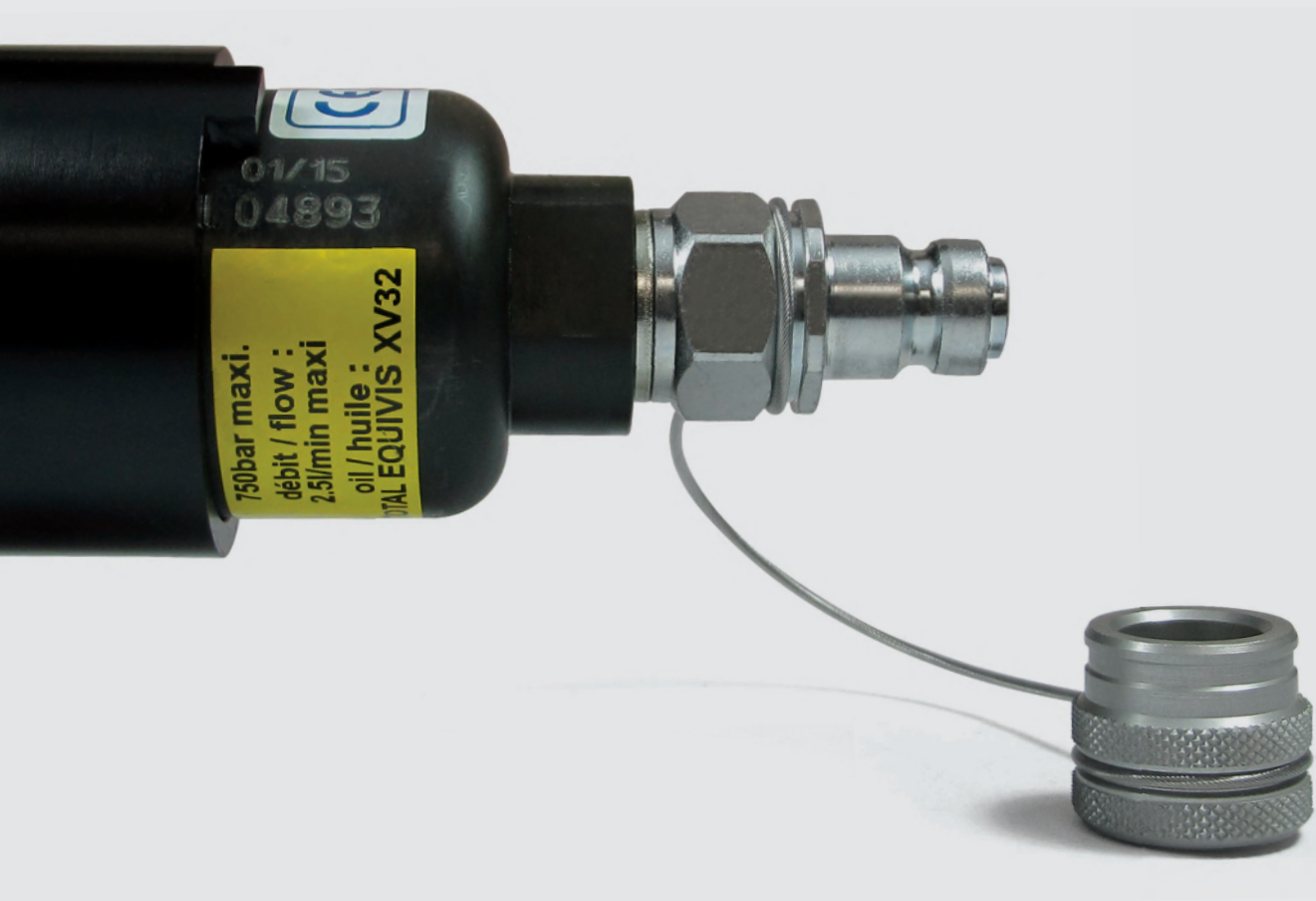
> For female ¾ NPT thread to be converted into a male ¾ NPT thread.

**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.



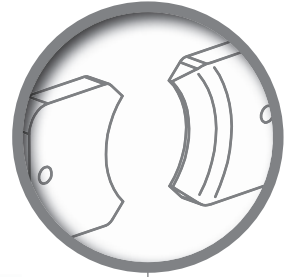
# HYDRAULIC HEADS

CUTTING HEADS	
	XCG25 <a href="#">P.70</a>
	XCG40 <a href="#">P.71</a>
	XCG45 <a href="#">P.72</a>
	XCG55 <a href="#">P.73</a>
	XCG85 <a href="#">P.74</a>
	XCI35 <a href="#">P.75</a>
	XCI65 <a href="#">P.76</a>
	XCI95 <a href="#">P.77</a>

CRIMPING HEADS	
	XD51 <a href="#">P.78</a>
	XD62 <a href="#">P.79</a>
	XC130-26   -32   -38 <a href="#">P.80</a>
	XH130 <a href="#">P.81</a>
	XH250 <a href="#">P.82</a>
	XH450 <a href="#">P.83</a>
	XU250 <a href="#">P.84</a>



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



# XCG25

## HYDRAULIC HEAD GUILLOTINE CABLES CUTTER



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

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



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

- 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

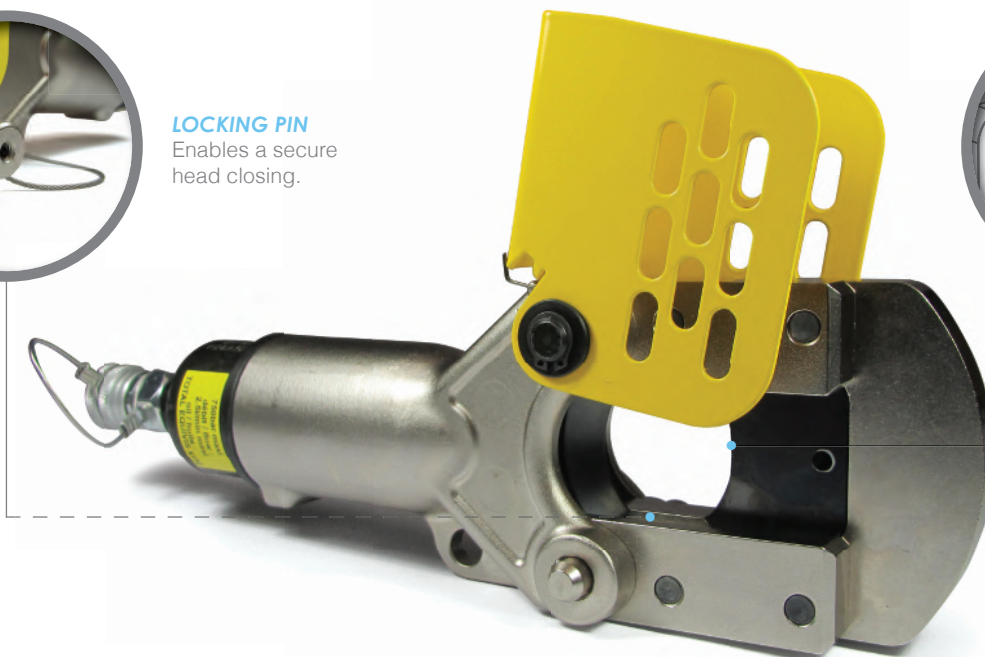
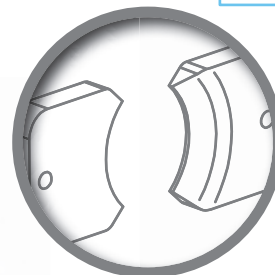
\* Other dimensions and cables to be approved with tests.



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)
	(medium hard steel)		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

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

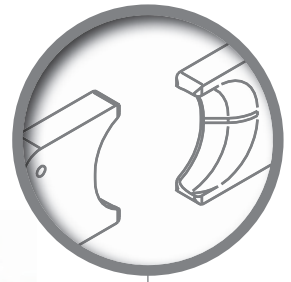


Do not use this tool on live cables.





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



# XCG45

## HYDRAULIC HEAD GUILLOTINE CABLES CUTTER



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

**TYPE OF CABLES**

copper, aluminum, steel, stainless steel and ACSR

**MAX. PASSAGE**

**Ø 45 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**

130 kN

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

320 x 65 x 110

**WEIGHT** (without protection kit)

4.900 kg



**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	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	> please contact us.		
	<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

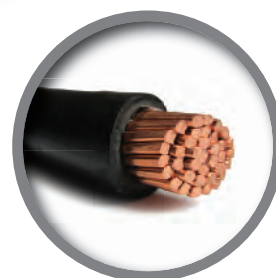
## HYDRAULIC HEAD GUILLOTINE CABLES CUTTER

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**.

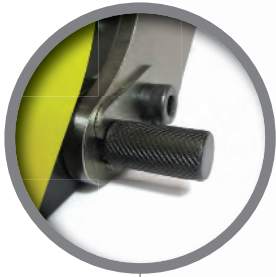
### MAX. CUTTING CAPACITIES

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

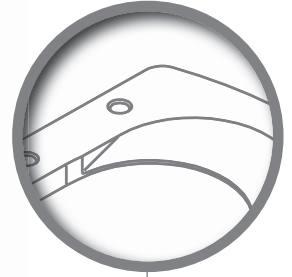
	TYPE OF CABLES	MAX. HARDNESS	SECTIONS	MAX. Ø OF CUT *
<b>CABLES</b>	Copper leads cables		4 x 185 mm <sup>2</sup> or 630 mm <sup>2</sup> max.	
	Underground aluminum		3 x 240 + 1 x 95 mm <sup>2</sup>	Ø 51 mm
	Telephone cables			Ø 55 mm
<b>BARs</b>	Round annealed copper	< 20 daN/mm <sup>2</sup>		Ø 16 -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

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



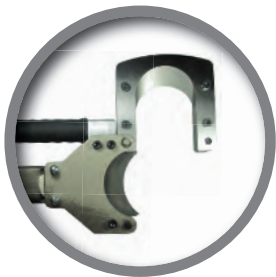
**NEW COUNTER BLADE**  
Decreases cable distortion when cutting.



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



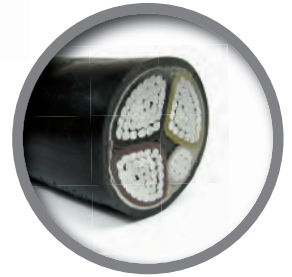
**ERGONOMIC HANDLE**  
Easy to care and for a secured tool handling.



**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)	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**.

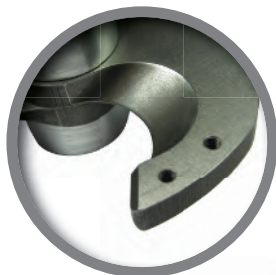
### MAX. CUTTING CAPACITIES

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>
<b>COPPER CABLES</b>	1 x 630 mm <sup>2</sup> > 800 mm <sup>2</sup>
<b>TELEPHONE CABLES</b>	630 mm <sup>2</sup>
	Ø 85 mm

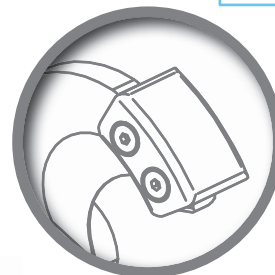
\* Other dimensions and cables to be tested and validated.



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 & 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**

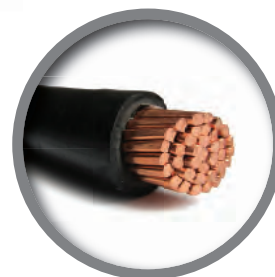
Easy to replace.

**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\***

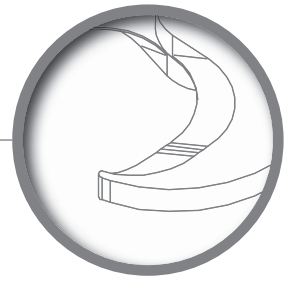
<b>SEMI RIGID MULTI STRAND COPPER CABLE</b>	240 mm <sup>2</sup>
<b>COPPER FLEXIBLE MULTI STRAND CABLE</b>	Ø 35 mm – 300 mm <sup>2</sup>
<b>ALUMINUM MULTI STRAND CABLE</b>	Ø 35 mm
<b>TELEPHONE CABLE</b>	Ø 35 mm

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

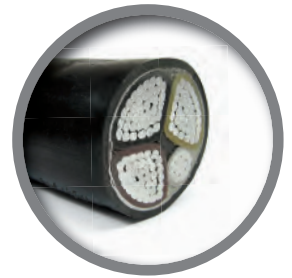
## HYDRAULIC HEAD SCISSORS CABLES CUTTER

700 bar

> Identical force, stroke and capacities as the **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**.

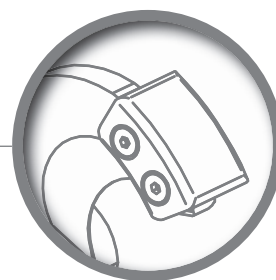
-  **SCISSORS TYPE CUTTER**  
Enables the cut in difficult access (> direct access, without head closing).
-  **REINFORCED & SHARPED BLADES**  
Enables a clear cut on multi-strand copper and alu. cables.
-  **INTERCHANGEABLE & IDENTICAL BLADES**  
Easy to replace.

<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**

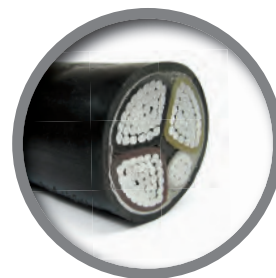
Avoids gap between blades.

# 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 :**

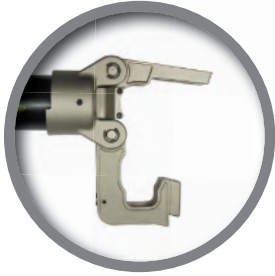
 Earth grounding solution.  
> **On demand.**
**MAX. CUTTING CAPACITIES\***

<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>

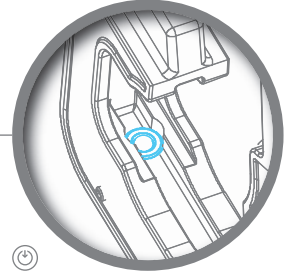
\* Other dimensions and cables to be tested and validated.



Do not use this tool on live cables.



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



# XD51



## CRIMPING HYDRAULIC HEAD

700 bar

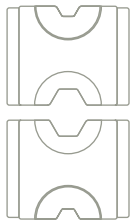
### HEXAGONAL CRIMPING 4 > 240 mm<sup>2</sup>



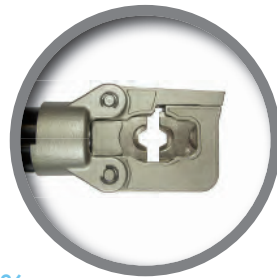
> Identical force, stroke and capacities as the hand tool **D51** and the battery operated tools **BPE055** & **BPL055**.

-  **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>

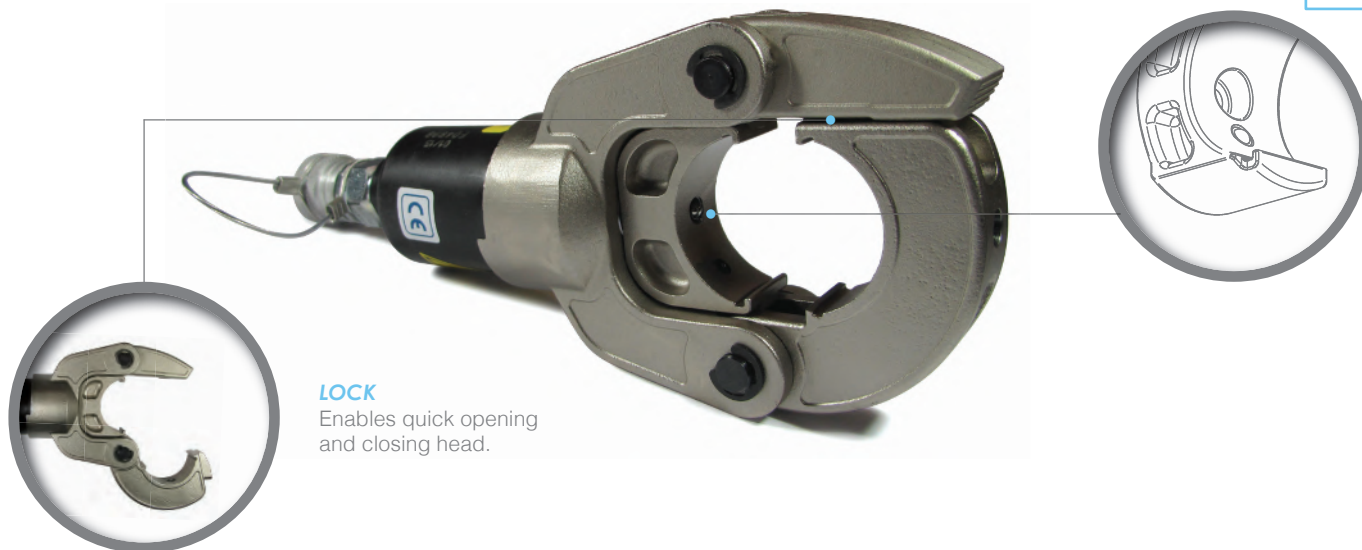


 **DIE SETS** – Refer to **PAGES 88 – 96**.

> 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**.



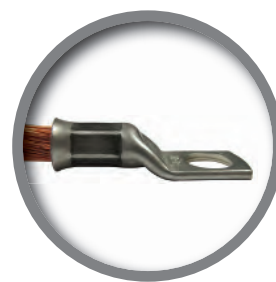
**LOCK**  
Enables quick opening and closing head.

# XD62

## CRIMPING HYDRAULIC HEAD

700  
bar

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



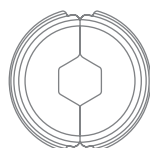
> Identical force, stroke and capacities as the hand tool **D62** and the battery operated tools **BPE062**, **BPL062** & **BPP062**.



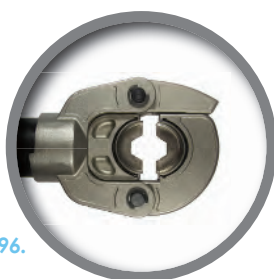
**VERY LIGHT HEAD**  
Excellent ratio weight/capacities.



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



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.

<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

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> <sup>-38</sup> NEO

**CRIMPING HYDRAULIC HEAD**

**NEW** 700 bar

**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>.



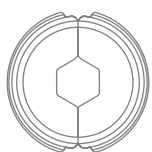
**OVERHEAD LINES CRIMPING**  
Tool designed for this application.



**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 № 1 FOR INDENTING APPLICATIONS

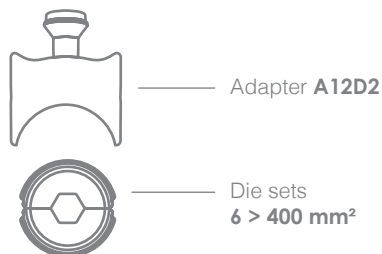
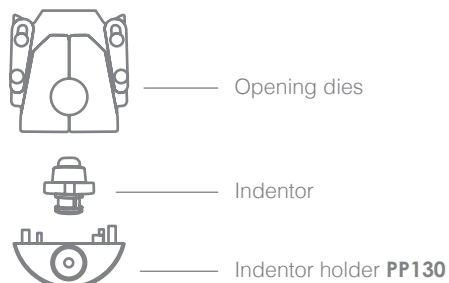
**DIE SETS**  
> Refer to **PAGES 96**.



### ASSEMBLY № 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.

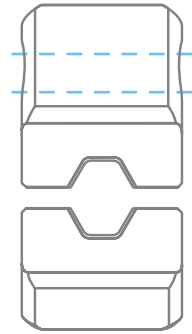


<b>DIMENSIONS</b> (mm)	405 x 270 x 105
<b>WEIGHT</b>	3.120 kg

> 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.

<b>STROKE</b>	28 mm
<b>FORCE</b>	250 kN
<b>DIMENSIONS</b> (L x l x h in mm)	287 x 100 x 130
<b>WEIGHT</b>	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



<b>DIMENSIONS</b> (mm)	405 x 270 x 105
<b>WEIGHT</b>	3,120 kg

> Delivered separately.





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



# XH450

## CRIMPING HYDRAULIC HEAD

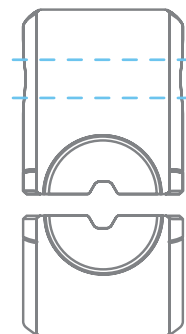
700  
bar

- 
**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.



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



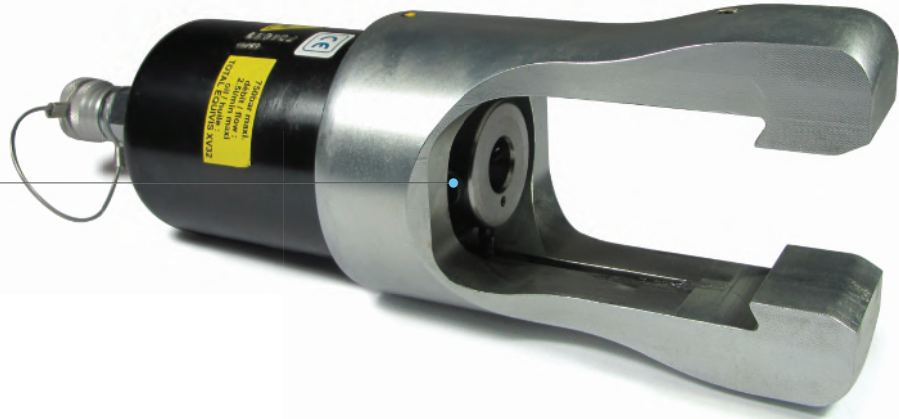
Die sets  
95 > 1000 mm<sup>2</sup>



<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>

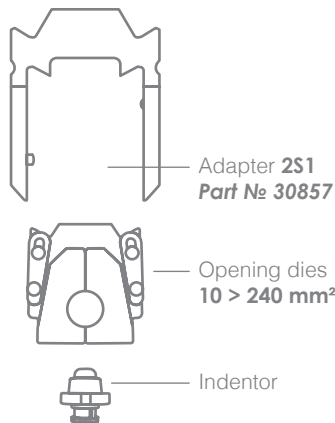


- HEAD ACCORDING TO HN.68.S.90** (> EDF specifications)  
For underground lines (bimetallic lugs and sleeves).
- INDENTOR OR DIE LOCKING ON THE PISTON**  
Thanks to a retractable thumb wheel.
- INDENTOR OR DIE INDEXING**  
Thanks to the screw, to avoid rotation.
- MECHANICAL STOP OF THE PISTON**  
The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

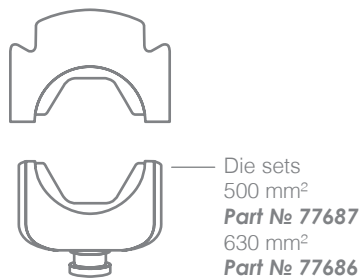
<b>STROKE</b>	29 mm
<b>FORCE</b>	250 kN
<b>DIMENSIONS</b> (L x l x h in mm)	270 x 116 x 98
<b>WEIGHT</b>	6.600 kg

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

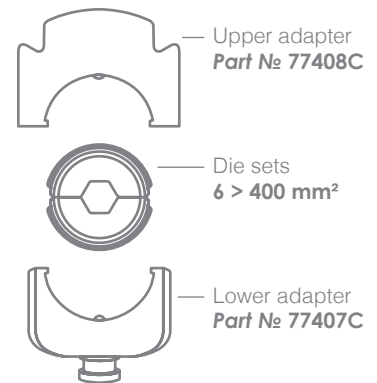
**CARRYING CASE**  
> Refer to **XH130 NEO.**



**ASSEMBLY N° 1**  
INDENTING APPLICATION



**ASSEMBLY N° 2**  
CRIMPING APPLICATION



**ASSEMBLY N° 3**  
CRIMPING APPLICATION



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





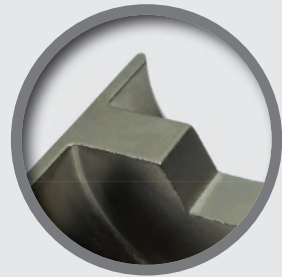
## CRIMPING DIE SETS



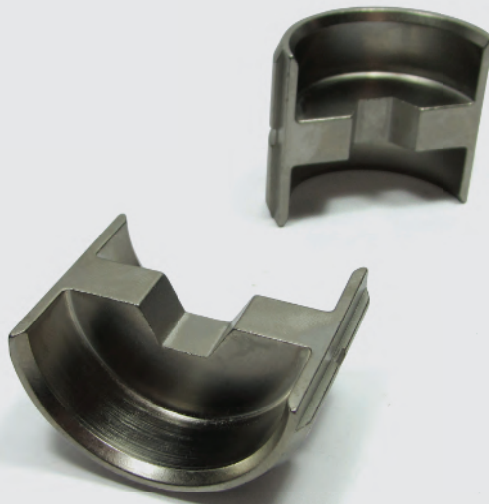
**CORROSION PREVENTIVE COVERING**  
AUTOCATALYTIC NICKEL  
> DO NOT WEAKEN PARTS



**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 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				02437	3,5	31042	5	84113	5	84113	5		
	150				02415	3,5	31043	5	84114	5	84114	5		
	185						31297	5	84115	5	84115	5		
	240						31338	5	84116	5	84116	5		
	300								78453	6	78453	6		
	400													
	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	NESTS	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					31312	2 x 5	84118	2 x 5	84118	2 x 5		
	35	C35					31315	5	84119	2 x 5	84119	2 x 5		
	50	C50												
	70	C70												
	95	C95												
	120	C120												
150	C150													
185	C185													
<p>C-SHAPED CONNECTORS</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					31312	2 x 5	84118	2 x 5	84118	2 x 5		
	35	C35					31315	5	84119	2 x 5	84119	2 x 5		
	50	C50												
	70	C70												
	95	C95												
	120	C120												

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

C-SHAPED CONNECTORS



		C 130-XX		H130								
		BPE130										
		BPP130X		BPP130U		XH250		XH450				
		XC130-XX		XH130								
		DIE SET PART №		ADAPTOR		DIE SET PART №		DIE SET PART №				
		WIDTH (mm)		DIE SET PART №		WIDTH (mm)		DIE SET PART №				
				WIDTH (mm)				WIDTH (mm)				
<p>HEXAGONAL CRIMPING</p> <p>NFC 20-130 XCT. - XG.</p>	SECTION (mm <sup>2</sup> )	CODE										
				80414	9	A12D2: 85880	80414	9				
				30218	9		30218	9				
				30219	9		30219	9				
				30220	9		30220	9				
				30221	12		30221	12				
				30222	12		30222	12	30525	12		
				30223	12		30223	12	30526	12		
				30224	12		30224	12	30527	12	30390	16
				30235	12		30235	12	30528	12	77101	16
				30236	12		30236	12	30444	16	77102	16
				30237	12		30237	12	30445	16	77103	22
				30228	12		30228	12	30446	16	77104	22
				30229	12		30229	12	30447	16	77105	25
				30452	9		30452	9	30414	16	30466	25
								30448	16	77106	25	
								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										
				30327		A12D2: 85880	30327					
				30331			30331					
				30335			30335					
				30322	9		30322	9				
				30323	12		30323	12				
				30324	12		30324	12				
				30325	12		30325	12				
				30326	12		30326	12				
				30328	16		30328	16				
				30329	16		30329	16				
				30330	16		30330	16				
				30332	22		30332	22				
				30333	22		30333	22				
				30334	22		30334	22				
<p>HEXAGONAL CRIMPING</p> <p>* Except BPE130</p>	SECTION (mm <sup>2</sup> )	CODE										
				80160	9	A12D2: 85880	80160	9				
				80161	2 x 5		80161	2 x 5				
				80162	2 x 5		80162	2 x 5				
			30562-01	18	30562-01		18					



				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)				
<b>HEXAGONAL CRIMPING</b> 	<b>SECTION (mm²)</b> HUR - DPD 	<b>CODE</b> 		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	E100	02393	5	02622	5	31047	5	84168	5	84168	5					
<b>COPPER FORGED TINNED LUGS</b> 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					
<b>INSULATED LUGS &amp; SLEEVES</b> 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																
<b>SLEEVES</b> MJPAS MJPASE - JAS 	50	E260														
	70															
	95															
	150															
<b>SLEEVES</b> 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)		
<b>EARTH CIRCUIT &amp; INDUSTRIAL NETWORK</b> COPPER FORGED TINNED LUGS	 <b>HEXAGONAL CRIMPING</b>	<b>SECTION (mm<sup>2</sup>)</b>	<b>CODE</b>	 30222 12		 <b>A12D2: 85880</b>	 30222 12	
				 <b>HUR - DPD</b>	16			
	25							
	35							
	50							
	70							
	95							
	120							
	150							
	185		30228	12	30228			12
240								
DPD 29/25	E100	80390	18	80390	18			
<b>CU/AL BIFMETALLIC LUGS INDUSTRIAL NETWORK</b>	 <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
		<b>LV INSULATED OVERHEAD LINE</b> 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
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								
 <b>MJPAS</b> <b>MJPASE - JAS</b>	50		E260	80386	9	80386	9	
	70							
	95							
	150							
	50	E215	30580	9	30580	9		
	70							
 <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)			
				HEXAGONAL CRIMPING		HEXAGONAL CRIMPING		HEXAGONAL CRIMPING		HEXAGONAL CRIMPING		HEXAGONAL CRIMPING			
				SECTION (mm <sup>2</sup> )		SECTION (mm <sup>2</sup> )		SECTION (mm <sup>2</sup> )		SECTION (mm <sup>2</sup> )		SECTION (mm <sup>2</sup> )			
				CODE		CODE		CODE		CODE		CODE			
COPPER CONDUCTORS		JU	7.07 (30/10)	E54	02436	5			31047	5	84176	5	84176	5	
			9.9 (35/10)	E68	02462	5			31045	9	84177	9	84177	9	
			10.8												
			12.56 (40/10)												
			12.4	E72	02486	5			31044	5	84178	5	84178	5	
			14.1												
			15.9 (45/10)												
			19.6 (50/10)												
			17.8	E83	02487	5			31046	9	84179	9	84179	9	
			22												
			27.6												
			28.26 (60/10)	E100	02393	5			31047	5	84168	5	84168	5	
			29.3												
			38.2												
			38.46 (70/10)												
			48.3	E120	02488	5			31044	5	84169	5	84169	5	
			59.7	E173					31046	9	84171	9	84171	9	
			74.9												
			93.3												
			116	E215					31093	9	84173	9	84173	9	
	146														
	182	E230							84174	5	84174	5			
LV/HV BARE OVERHEAD LINE		JL - CN2AA	22	E100	02393	5			31047	5	84168	5	84168	5	
		CN2AU. - CNA4	34.4	E120	02488	5			31044	5	84169	5	84169	5	
		- ABT. - CB	43.1	E140	02234	9			31217	9	84170	9	84170	9	
		CBO. - RDB	54.6												
		QN2AU. - AT	75.5	E173							84171	9	84171	9	
		- AB - AR - LR	93.3												
		- ALR	117	E210					31048	5	84172	5	84172	5	
		ALU. CRIMPING	148	E230							84174	5	84174	5	
		JAR - JALR - JLR	181.6	E250											
			228	E280											
ALUMINIUM/STEEL CONDUCTORS		JAR - JALR - JLR	17.8	E120	02488	5			31044	5	84169	5	84169	5	
			22												
			27.8												
			34.4												
			37.7	E140	02234	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)			
COPPER CONDUCTORS	HEXAGONAL CRIMPING	SECTION (mm <sup>2</sup> )	CODE						
	JU	7.07 (30/10)	E54	80389	18	A12D2: 85880	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			
ALUMINUM/STEEL CONDUCTORS	ALU. CRIMPING					A12D2: 85880			
	JL - CN2AA	22	E100	80390	18		80390	18	
	CN2AU. - CNA	34.4	E120	80152	18		80152	18	
	- ABT. - CB	43.1	E140	30352	14		30352	14	
	CBO. - RDB	54.6							
	QN2AU. - AT	75.5	E173	30353	14		30353	14	
	- AB - AR - LR	93.3							
	- ALR	117	E210	30355	10		30355	10	
		148	E230	30357	10		30357	10	
	ALU. CRIMPING	181.6	E250	30250	5		30250	5	
	JAR - JALR - JLR	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								
ALUMINUM CRIMPING	181.6	E250	80453	5	80453	5			
	228	E280	30360	5	30360	5			



				D31		D36		D51		D62		D80					
				BPE031		BPE036		BPE055		BPE062							
				BPL031		BPL036		BPL055		BPL062							
								XD51		XD62		BPP080					
				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)					
<b>LV/HV BARE OVERHEAD LINE</b> <b>ALUMINIUM/STEEL CONDUCTORS</b>	 <b>HEXAGONAL CRIMPING</b>	<b>SECTION (mm<sup>2</sup>)</b>	<b>CODE</b>														
				<b>JAR - JALR - JLR</b> 	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
				75.5													
				116.2													
				147.1													
				181.6		E135											
228	E160																
<b>STEEL CRIMPING</b>		<b>SECTION (mm<sup>2</sup>)</b>															
				 <b>PRE-ROUNDING</b>	6												
					10												
					16												
					25												
					35												
					50												
					70												
					95												
					120												
					150												
				185													
				240													
				300													
				400													
				500													
				630													
<b>COPPER OR ALUMINIUM SECTORAL CABLE</b>		<b>SECTION (mm<sup>2</sup>)</b>															
				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)					
<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>	30345	10			
		22									
		27.8									
		34.4									
		43.1									
		37.7	E72	30347	10				30347	10	
		54.6									
		69.3									
		88									
		58.9									E100
		80									
		59.7	E120	30351	9						
		75.5									
		116.2									
		147.1									
	181.6	E135				80452	5				
228	E160										
<b>STEEL CRIMPING</b>											
<b>COPPER OR ALUMINIUM SECTORAL CABLE</b>	<b>PRE-ROUNDING</b>	SECTION (mm <sup>2</sup> )									
		6									
		10									
		16									
		25	84134	35	84134	35					
		35	84135	35	84135	35					
		50	84136	35	84136	35					
		70	30518	60	30518	60					
			84137	35	84137	35					
			30519	60	30519	60					
		95	84138	35	84138	35					
			30520	60	30520	60					
			84139	35	84139	35					
		120	30521	70	30521	70					
			84140	35	84140	35					
		150	30522	70	30522	70					
			84141	35	84141	35					
		185	30523	75	30523	75					
			84142	35	84142	35					
		240	30524	75	30524	75					
80449			60	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)			
<b>EARTH CIRCUIT &amp; INDUSTRIAL NETWORK</b> <b>COPPER OR ALUMINIUM SLEEVES &amp; LUGS DIN 48.083</b>	 <b>HEXAGONAL CRIMPING</b> <b>DIN 48.083</b>	SECTION (mm <sup>2</sup> )		<b>CODE</b> 												
		copper														
		4			KZ 4	02495	5	02402	5	31326	5					
		6			KZ 5	02513	5	02394	5	31234	5					
		10			KZ 6	02521	5	02395	5	31121	5	84121	5	84121	5	
					KZ 7							84190	5	84190	5	
		16			KZ 8	02526	5	02396	5	31124	5	84122	5	84122	5	
					KZ 9							84191	5	84191	5	
		25			KZ 10	02527	5	02397	5	31122	5	84123	5	84123	5	
					KZ 11					77488	5	84200	5	84200	5	
		35	25		KZ 12	02552	5	02398	5	31123	5	84124	5	84124	5	
		50	35		KZ 14	02455	5	02399	5	31123	5	84125	5	84125	5	
		70	50		KZ 16	02421	5	02400	5	31124	5	84126	5	84126	5	
		95	70		KZ 18	02558	5	02401	5	31122	5	84127	5	84127	5	
					KZ 19					31235	5					
		120			KZ 20			02403	4	31121	5	84128	5	84128	5	
					KZ 21					31236	5					
		150	95&120		KZ 22			02512	4	31125	5	84129	5	84129	5	
		KZ 23					31237	5								
185	150	KZ 25					31113	5	84130	5	84130	5				
240	185	KZ 28					31339	5	84131	5	84131	5				
	240	KZ 32					31340	5	84133	5	84133	5				

				H130			XU250				
				BPP130U							
				XH130							
				DIE SET PART №	DIE SET PART №	INDENTOR PART № INDENTOR HOLDER PART № 30842	DIE SET PART №	DIE SET PART №	ADAPTOR	INDENTOR PN	
<b>LV UNDERGROUND LINE</b> <b>AL &amp; CU/AL SLEEVES &amp; LUGS</b>	 <b>DEEP INDENTING</b>	SECTION (mm <sup>2</sup> )									
		CODE									
		RJA - RJAU	16	0E	30861	30865	30392	30861	30865	2ST: 30857	30392
		MJAU - CA	25								30393
		CAU - QAU	35								30394
		EAU - XCX	50	1E	30862	30866	30393	30862	30866		30395
		XLX - XD - XG	70								
			95								
			120	2E	30863	30867	30394	30863	30867		30860
			150								
			185	4E	30864	30868	30395	30864	30868		
	240										
	300	5E				30858	30859				
	400										



		SECTION (mm <sup>2</sup> )		CODE	C130-XX BPE130		XH250		XH450				
					DIE SET PART №	WIDTH (mm)	DIE SET PART №	WIDTH (mm)	DIE SET PART №	WIDTH (mm)			
<b>EARTH CIRCUIT &amp; INDUSTRIAL NETWORK</b> <b>COPPER OR ALUMINIUM SLEEVES &amp; LUGS DIN 48.083</b>		HEXAGONAL CRIMPING			C130-XX BPE130		XH250		XH450				
		DIN 48.083											
			10			KZ 6	30610	12					
						KZ 7	30611	12					
						KZ 7	30376	5					
			16			KZ 8	30298	14		30259	12		
						KZ 9	30612	14					
						KZ 9	30377	5					
			25			KZ 10	30299	12		30260	12		
			35		25	KZ 12	30300	12		30261	12		
						KZ 13	78156	14		78126	14		
			50		35	KZ 14	30301	12		30262	12	30656	14
						KZ 15	30613	12					
			70		50	KZ 16	30302	12		30263	12	30657	14
						KZ 17				77257	14	30632	14
			95		70	KZ 18	30303	12		30264	12	30633	14
						KZ 19	30614	12					
			120			KZ 20	30304	12		30265	12	30655	14
						KZ 21	30615	12					
			150		95&120	KZ 22	30305	14		30266	14	30637	14
			185		150	KZ 25	30306	14		30267	14	30634	14
						KZ 27	30375	14					
			240		185	KZ 28	30307	14		30269	14	30638	14
						KZ 30	30308	5					
			300		240	KZ 32	30309	5		30269	16	30639	18
					300	KZ 34	30616	5		30270	16	30640	18
			400		400	KZ 38	77453	9		30271	16	30641	18
						KZ 38	78166	18					
			KZ 40										
	500		KZ 42				30272	16	30642	18			
	630	500	KZ 44				30273	16	30643	18			
	manchon acier		KZ 46						77180	28			
	800	630	KZ 52						30644	25			
	1000	800	KZ 58						30645	25			
		1000	KZ 60						30646	25			

From KZ 28 size, crimps to be done with C-shaped tools 38 mm stroke.



# 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	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 "clac".
- Piston retraction by release trigger.

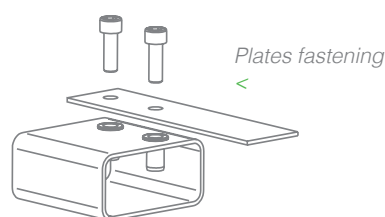
<b>ADJUSTABLE STROKE</b>	0 to 7 mm
<b>FORCE</b>	50 kN
<b>DIMENSIONS</b> (L x l x h in mm)	380 x 135 x 55
<b>WEIGHT</b>	2.660 kg

#### 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



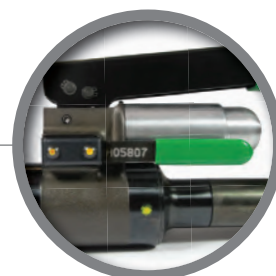
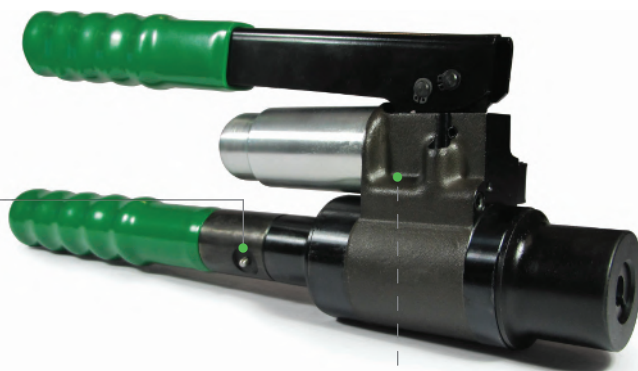
<b>DIMENSIONS</b> (L x l x h in mm)	560 x 180 x 100
<b>WEIGHT</b>	2.740 kg
<b>PART N°</b>	30172V (as option)



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.

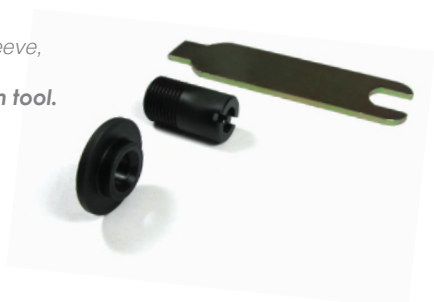
### REMOVABLE HANDLE

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



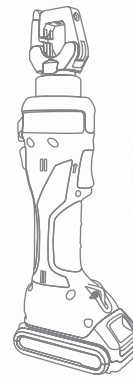
### MAX. THICKNESS OF PLATES (mm)

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.

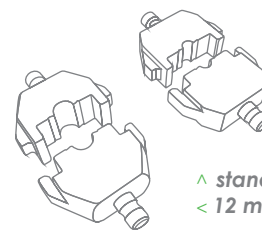
<b>FORCE</b>	8 mm
<b>STROKE</b>	35 kN
<b>DIMENSIONS</b> (L x l x h in mm)	200 x 50 x 175
<b>WEIGHT</b>	1.540 kg



<b>DIMENSIONS</b> (L x l x h in mm)	350 x 260 x 85
<b>WEIGHT</b>	0.740 kg

> Delivered with the tool.

- 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		

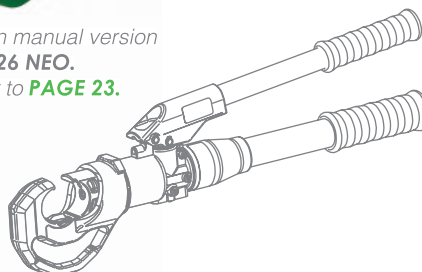
- Number of die-set = number of ferrule (*as per DIN 3093*)
- Flash-grooves

# NEOELEC™ BPP1301

CE



Exists in manual version  
C130-26 NEO.  
> Refer to **PAGE 23**.



## HYDRAULIC SLEEVING TOOL

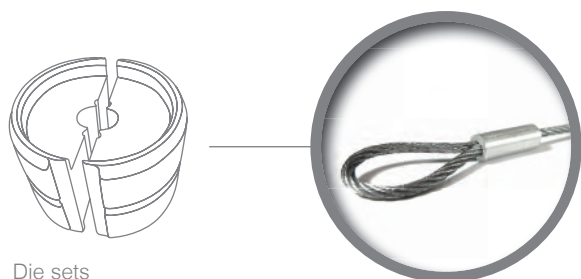


### ERGONOMIC & WELL-BALANCED TOOL



### 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****NEW****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	120 cuts
<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.**

<b>PART №</b>	<b>ACCESSORIES</b>	<b>DIMENSIONS</b> (L × l × h in mm)	<b>WEIGHT</b>
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.



CE



NEOELEC™  
**BPP0500\***






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

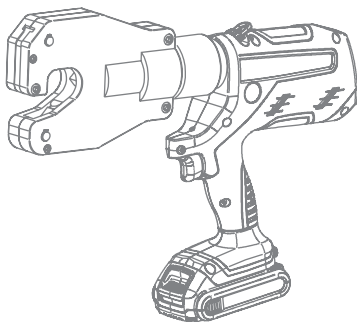
4 INDENT CRIMPING CU/AL  
10 > 240 mm<sup>2</sup>



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.

<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.**

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

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

\* **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



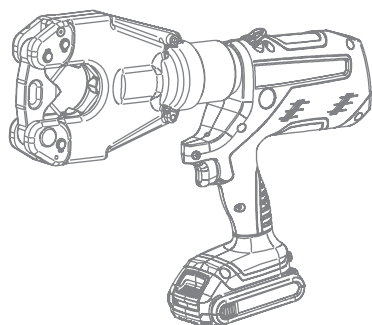
Tool designed for crimping of lugs and sleeves on multistrands cables.



**ROTATIVE HEAD**  
360°



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



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

**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)	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**.



# 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 – PART № 300342	BPE031, BPL031 – 300342-DIG
D36, D36-Elec – PART № 300436	BPE036, BPL036 – 300436-DIG
D62, D62-Elec – PART № 300234	BPL062, BPP062 – 300234-DIG
C130, C130-Elec, H130, H130-Elec – PART № 30910-1	BPP130 – 30910-DIG

- > By removing the tool head.

D51, D55 Elec – PART № 300405	BPE055, BPL055 – 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 № 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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**FRANCE**

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Graphic design : Gaël Salmon

S.A.S. – CAPITAL: 500 000 EUROS - R.C. Blois B 596 120 329 - Code APE 2573 B - T.V.A. FR 32 596 120 329

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