



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, livening up long-term partnerships.

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





Former company premises

HISTORY

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

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

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

Creating of the company
by M. DUBUIS.
1949

Diversification into other
industrial sectors.
1970

Development of the D30
crimping tool.
1984

Launching of the **railway**
product range.
1991

Creation of hydraulic tools
for the **plumbing & sanitary**
segment.
1993

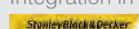
Creation of the **12V battery**
operated tool range.
1994

The company teams up with

2001

Creation of the **14.4V & 18V**
battery operated tools range.
2002

The new **D36** model
is released.
2005

Integration in the
 Group.
2006

The first in line battery
operated tool is released.
2008

The **Stanley Hydraulic Europe**
division is set up.
2011

The **NEOELEC™ 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.

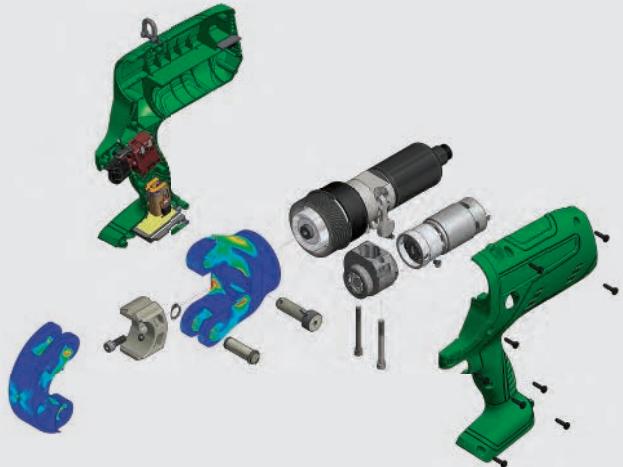
RESEARCH & DEVELOPMENT

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

Tel.: +33 (0) 2 54 52 40 00
Fax: +33 (0) 2 54 52 40 34
E-mail: commercial@dubuis.com

17-19 rue Jules Berthonneau
CS 73406 – Villebarou
41034 BLOIS cedex – FRANCE



Sales team

ALL OUR TOOLS ARE AVAILABLE ON OUR WEBSITE:

> Product datasheets and complete catalogs available for downloading: www.dubuis.com

DIRECT LINES & E-MAIL ADDRESSES:

Sandrine BESNARD
+33 (0) 2 54 52 40 04
sandrine.besnard@dubuis.com

Marie-Françoise CUVIER
+33 (0) 2 54 52 40 15
mf.cuvier@dubuis.com

Sandrine LEVAVASSEUR
+33 (0) 2 54 52 40 07
sandrine.levavasseur@dubuis.com

Christophe GUILLEMOT
+33 (0) 2 54 52 40 27
christophe.guillemot@dubuis.com

Philippe MELAO
+33 (0) 6 11 65 18 09
philippe.melao@sbdinc.com

Jean-Marc RODRIGUES
+33 (0) 6 72 90 99 65
jean-marc.rodrigues@sbdinc.com

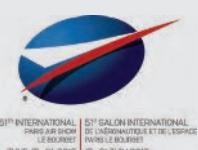




Dubuis' stand at Le Bourget Air Show 2015.

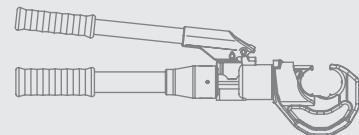
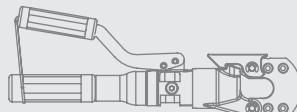
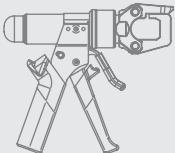
TRADE SHOWS :

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 @SBDInfrastructure on Twitter.





STRONG, RELIABLE & ERGONOMIC

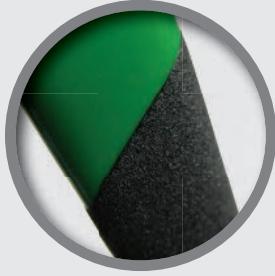


PISTON RETURN

By release trigger.

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



D31

P.18



D36

P.19

CRIMPING TOOLS



D51

P.20



D62

P.21



D80

P.22



C130-26 | -32 | -38

P.23

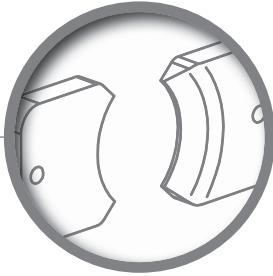


H130

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.



NEW REINFORCED BLADES

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



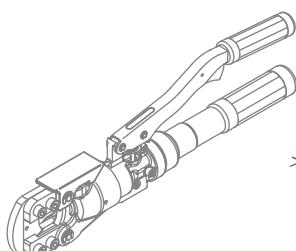
IDENTICAL BLADE & COUNTER BLADE

Improve the cable cutting.



INTERCHANGEABLE BLADES

Easy to replace.



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

TYPE OF CABLES
copper, aluminum and steel

MAX. PASSAGE
 $\varnothing 25 \text{ mm}$
(depending on cables)



FORCE

55 kN

DIMENSIONS (L × l × h in mm)

380 × 60 × 140

WEIGHT

2.940 kg



DIMENSIONS (mm)

490 × 302 × 90

WEIGHT

1.300 kg

> Delivered with the tool.

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

* Other dimensions and cables to be approved with tests.



Do not use this tool on live cables.



CG40

HYDRAULIC CUTTING TOOL MANUAL GUILLOTINE TYPE

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



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.

TYPE OF CABLES
copper, aluminum and steel

MAX. PASSAGE

Ø 40 mm
(depending on cables)



FORCE

88 kN

DIMENSIONS (L × I × h in mm)

645 × 85 × 165

WEIGHT

5.880 kg



CANVAS BAG – Delivered with the tool.

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

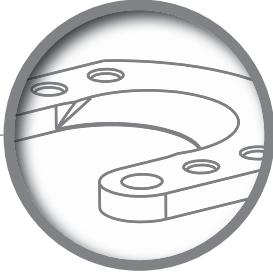
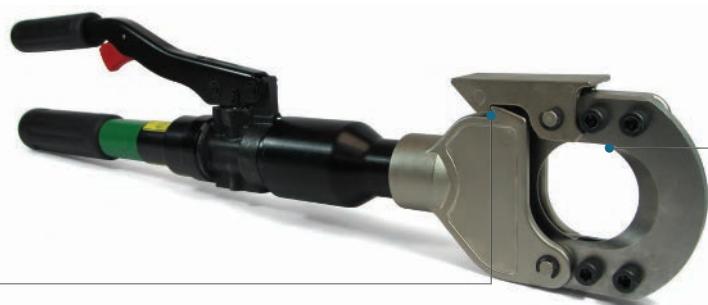
* Other dimensions and cables to be approved with tests.



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.

**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.

**WIDE OPENING**

Easy for cables passage.

FORCE

43 kN

DIMENSIONS (L × I × h in mm)

560 × 55 × 140

WEIGHT

3.700 kg



CANVAS BAG – Delivered with the tool.

MAX. CUTTING CAPACITIES

* Other dimensions and cables to be approved with tests.

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



Do not use this tool on live cables.



CG85

HYDRAULIC CUTTING TOOL MANUAL GUILLOTINE TYPE

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



NEW COUNTER BLADE

Decreases cable distortion when cutting.



SHARP BLADE & COUNTER BLADE

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



2 SPEEDS HYDRAULIC SYSTEM

For a fast advance.

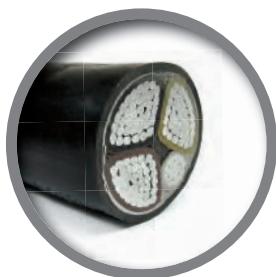


WIDE OPENING

Easy for cables passage.

TYPE OF CABLES
copper and aluminum

MAX. PASSAGE
Ø 85 mm



FORCE	55 kN
DIMENSIONS (L × l × h in mm)	745 × 72 × 190
WEIGHT	7.600 kg



CANVAS BAG – Delivered with the tool.

MAX. CUTTING CAPACITIES

TYPE OF CABLES **MAX. Ø OF CUT ***

UNDERGROUND INSULATED ALUMINUM CABLES	3 × 240 mm ² + 1 × 95 mm ² 1 × 630 mm ² > 800 mm ²
--	---

COPPER CABLES	630 mm ²
----------------------	---------------------

TELEPHONE CABLES	Ø 85 mm
-------------------------	---------

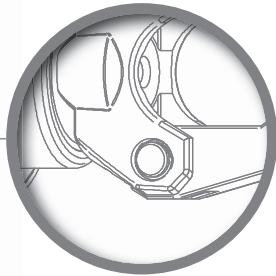
* Other dimensions and cables to be approved with tests.



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.



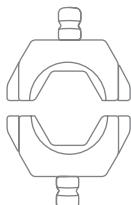
THE MOST COMPACT TOOL ON THE MARKET
Ideal for crimping LV/MV lugs.



NARROW HEAD
To work in switchboards.



LIGHT & ERGONOMIC
One hand crimping.



Die sets
 $4 > 95 \text{ mm}^2$



DIE SETS – Refer to PAGES 88 – 96.

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

HEXAGONAL CRIMPING
 $4 > 95 \text{ mm}^2$



STROKE	8 mm
FORCE	35 kN
DIMENSIONS (L × I × h in mm)	200 × 50 × 175
WEIGHT	1.320 kg

APPLICATIONS	SECTIONS
◆ Copper lugs and sleeves – NFC 20-130	$4 > 95 \text{ mm}^2$
◆ 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	$10 > 70 \text{ mm}$

DIMENSIONS (mm)	350 × 260 × 85
WEIGHT	0.700 kg

> Delivered with the tool.





D36

MANUAL HYDRAULIC CRIMPING TOOL

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



THE MOST COMPACT TOOL ON THE MARKET

Ideal for crimping LV/MV lugs.



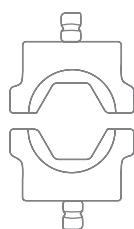
STRONG ALUMINUM FORK

Force: 35 kN



LIGHT & ERGONOMIC

One hand crimping.



Die sets
4 > 150 mm²



DIE SETS – Refer to PAGES 88 – 96.

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

HEXAGONAL CRIMPING

4 > 150 mm²



STROKE

8 mm

FORCE

35 kN

DIMENSIONS (L x I x h in mm)

215 x 50 x 175

WEIGHT

1.360 kg

APPLICATIONS

SECTIONS

◆ Copper lugs and sleeves – NFC 20-130	4 > 150 mm ²
◆ 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 ²
◆ Copper lugs and sleeves – NFC 20-130	10 > 95 mm ²



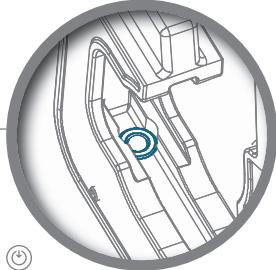
DIMENSIONS (mm) 350 x 260 x 85

WEIGHT 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.



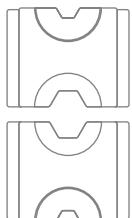
BALL HEAD DOWEL

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



INTERCHANGEABLE DIE SETS

Simple or reversible.



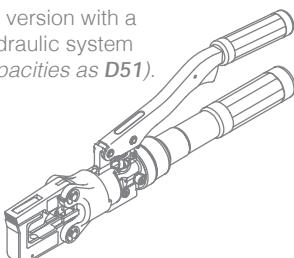
Die sets
 $4 > 240 \text{ mm}^2$



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).



STROKE	13 mm
FORCE	55 kN
DIMENSIONS (L × I × h in mm)	380 × 65 × 140
WEIGHT	2.280 kg

APPLICATIONS	SECTIONS
◆ Copper lugs and sleeves – NFC 20-130	$4 > 240 \text{ mm}^2$
◆ 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	$6 > 240 \text{ mm}^2$
◆ Copper lugs and sleeves – NFC 20-130	$10 > 120 \text{ mm}^2$



DIMENSIONS (mm)	490 × 302 × 90
WEIGHT	1.300 kg

- > Tray for 12 die sets.
- > Delivered separately.

**QUICK OPENING & CLOSING HEAD**

Easy to replace die sets.



D62

MANUAL HYDRAULIC CRIMPING TOOL

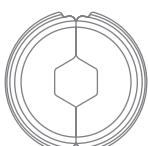
> Identical force, stroke and capacities as the XD62 and the battery operated tools BPE062, BPL062 & BPP062.

**COMPATIBLE DIE SETS**

With 80 kN & 130 kN ranges.

**2 SPEEDS HYDRAULIC SYSTEM**

For a fast advance.

Die sets
 $6 > 300 \text{ mm}^2$ **DIE SETS – Refer to PAGES 88 – 96.**

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

HEXAGONAL CRIMPING
 $6 > 300 \text{ mm}^2$ 

STROKE	13 mm
FORCE	62 kN
DIMENSIONS (L x I x h in mm)	420 x 53 x 150
WEIGHT	2.850 kg

APPLICATIONS**SECTIONS**

Hexagonal lugs and sleeves – NFC 20-130	$6 > 300 \text{ mm}^2$
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	$25 > 240 \text{ mm}^2$

**DIMENSIONS (mm)** 490 x 302 x 90**WEIGHT** 1.300 kg

> Tray for 7 die sets.

> Delivered separately.



D80

MANUAL HYDRAULIC CRIMPING TOOL

> Identical force, stroke and capacities as the BPP080.



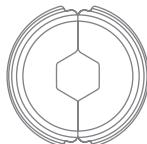
2 SPEEDS HYDRAULIC SYSTEM

For a fast advance.



COMPATIBLE DIE SETS

With 62 kN & 130 kN ranges.



Die sets
 $6 > 300 \text{ mm}^2$



DIE SETS

Refer to PAGES 88 – 96.

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

HEXAGONAL CRIMPING

$6 > 300 \text{ mm}^2$



STROKE

13 mm

FORCE

80 kN

DIMENSIONS (L × I × h in mm)

535 × 57 × 175

WEIGHT

3.860 kg

APPLICATIONS

SECTIONS

◆ Copper lugs and sleeves – NFC 20-130	$6 > 300 \text{ mm}^2$
◆ Copper or alu. lugs and sleeves – DIN 48083	KZ6 > KZ34
◆ C-shaped connectors	C10 > C50
◆ Pre-rounding die sets	$25 > 240 \text{ mm}^2$
◆ Bare or insulated sleeves in copper or alu.	E54 > E280



DIMENSIONS (mm) 680 × 160 × 430

WEIGHT 3.600 kg

> Tray for 24 die sets.

> Delivered separately.



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



C130⁻²⁶₋₃₂₋₃₈ NEO



MANUAL HYDRAULIC CRIMPING TOOL

HEXAGONAL CRIMPING
6 > 400 mm²
(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.

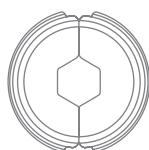


EQUIPPED WITH MECHANICAL STOP

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 ²	6 > 400 mm ²	6 > 400 mm ²
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 ²	50 > 300 mm ²	50 > 300 mm ²
Copper lugs and sleeves – NFC 20-130	10 > 240 mm ²	10 > 240 mm ²	10 > 240 mm ²



Die sets
6 > 400 mm²



DIMENSIONS (mm) 680 x 160 x 430

WEIGHT 3.600 kg

> Tray for 24 die sets.

> Delivered separately.



DIE SETS – Refer to PAGES 88 – 96.

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



H130

MANUAL DEEP INDENTING HYDRAULIC TOOL

NEW

- > 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.

DEEP INDENTING
16 > 240 mm²

HEXAGONAL CRIMPING
6 > 400 mm²

STROKE

26 mm

MAX. PASSAGE

34 mm

FORCE

130 kN

DIMENSIONS (L × I × h in mm)

560 × 80 × 165

WEIGHT (with battery)

5.260 kg



ASSEMBLY № 1
FOR INDENTING APPLICATION



> Refer to **PAGES 96.**



ASSEMBLY № 2
FOR CRIMPING APPLICATION

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



> Refer to **PAGES 89 – 95.**



Opening dies



Indentor



Indentor holder PP130



Adapter A12D2



Die sets
6 > 400 mm²



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

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



DIMENSIONS (mm) 680 × 160 × 430

WEIGHT 3.600 kg

> Tray for 24 die sets.

> Delivered separately.

> Steel cable spool cut with the manual tool CG40.



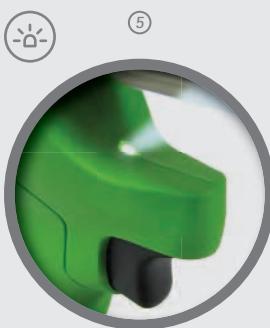


NEOELEC™

| BATTERY OPERATED TOOLS | MINI PISTOL

18V 2.0Ah
Li-Ion

NEW

AUTOMATIC RELEASE
AT CYCLE ENDHANDLING RING FOR
TRANSPORTATION (STRAP)
OR SAFETY CABLEHAND RELEASE BY
EMERGENCY BUTTONLED LIGHTING OF
THE WORKPLACESTANLEY 18 V, 2.0 OR 4.0 Ah
LI-ION BATTERY
MORE AUTONOMY
POWER LIGHT INDICATOR

LIGHT & COMPACT

LIGHT,
COMPACT270 x 75 x 245 mm
2.460 kg
(for BPE036 tool)EASY
TO USE

No electronic card.

EASY TO HANDLE
& ERGONOMICDesign for balanced
gravity.



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

CUTTING
TOOLS

BCE025G

P.28



BCE035I

P.29

CRIMPING
TOOLS

BPE031

P.30



BPE036

P.31



BPE055

P.32



BPE062

P.33

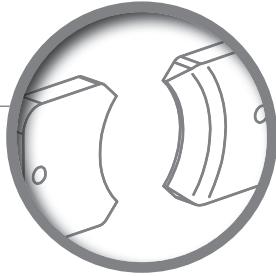


BPE130

P.34

**LOCK**

Enables quick opening and closing head.


**NEOELEC™
BCE025G**
**HYDRAULIC CUTTING TOOL
MINI PISTOL GUILLOTINE TYPE**
18V
2Ah

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

TYPE OF CABLES

copper, aluminum and steel

MAX. PASSAGE $\varnothing 25 \text{ mm}$
(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

55 kN

CUTTING TIME

8 to 12 s

CUTTING CAPACITY – DEPENDS ON MATERIALS**DIMENSIONS (L x I x h in mm)**

300 x 75 x 280

WEIGHT (with battery)

3.400 kg

	TYPE OF CABLES	MAX. HARDNESS	MAX. CUTTING Ø *
MULTI-STRAND CABLES	7 x 19 strands – steel 7 x 37 strands – steel	100 > 120 daN/mm² 130 > 145 daN/mm²	$\varnothing 15 > 16 \text{ mm}$ $\varnothing 12 > 13 \text{ mm}$
ELECTRICAL CABLES	Bare – copper/aluminum Rigid multi-strand – copper/aluminum Semi-rigid multi-strand – copper/aluminum		300 mm² $\varnothing 20 > 22 \text{ mm}$
ROUND BARS	Copper Hard copper Aluminum Mild steel Medium hard steel	< 20 daN/mm² 20 > 28 daN/mm² < 20 daN/mm² 42 > 45 daN/mm² 50 > 70 daN/mm²	$\varnothing 20 > 22 \text{ mm}$ $\varnothing 15 > 18 \text{ mm}$ $\varnothing 20 > 25 \text{ mm}$ $\varnothing 12 > 14 \text{ mm}$ $\varnothing 10 \text{ mm}$
INSULATED CABLES	Depends on the thickness of insulation Stainless steel	< 150 daN/mm²	150 > 240 mm² $\varnothing 8 > 10 \text{ mm}$

* Other dimensions and cables to be approved with tests.



Do not use this tool on live cables.

**DIMENSIONS (mm)** 520 x 440 x 130**WEIGHT** 2.300 kg

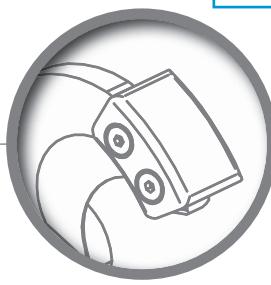
> Case and charger delivered with the tool.

> NEOELEC™ accessories

Refer to PAGE 56 – 57.

**SHARPENED BLADES**

Ideal for multi strand cables cutting.

**GUIDING SHOE**

Avoids gap between blades.

**NEOELEC™
BCE035i**
**HYDRAULIC CUTTING TOOL
MINI PISTOL SCISSORS TYPE**


- > 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
 \varnothing 35 mm

**FORCE (at piston)**

45 kN

CUTTING TIME

8 to 12 s

CUTTING CAPACITY – DEPENDS ON MATERIALS

DIMENSIONS (L x I x h in mm) 345 x 80 x 285

WEIGHT (with battery) 3.400 kg

MAX. CUTTING CAPACITIES Possible cutting tests.

SEMI RIGID MULTI STRAND COPPER CABLE 240 mm²

COPPER FLEXIBLE MULTI STRAND CABLE \varnothing 35 mm – 300 mm²

ALUMINUM MULTI STRAND CABLE \varnothing 35 mm

TELEPHONE CABLE \varnothing 35 mm

No round bars, no steel sheet reinforced cable either.



DIMENSIONS (mm) 520 x 440 x 130

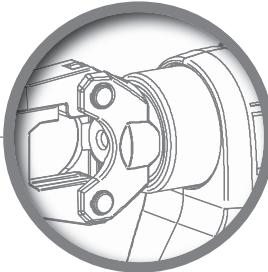
WEIGHT 2.300 kg

> 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****HEXAGONAL CRIMPING
 $4 > 95 \text{ mm}^2$** 

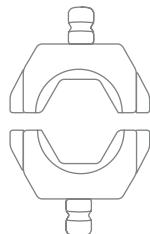
> Identical force, stroke and capacities as the manual tool D31 and the battery operated tool BPL031.

**NARROW HEAD**

To work in switchboards.

**EXCELLENT RATIO WEIGHT/CAPACITIES**2.360 kg – 35 kN – 95 mm²**ROTATIVE HEAD**

180°

Die sets
 $4 > 95 \text{ mm}^2$ **DIE SETS** – Refer to **PAGES 88 – 96.**

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

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

APPLICATIONS	SECTIONS
◆ Copper lugs and sleeves – NFC 20-130	$4 > 95 \text{ mm}^2$
◆ 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	$10 > 70 \text{ mm}^2$



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.**



NEOELEC™ BPE036

HYDRAULIC CRIMPING TOOL MINI PISTOL TYPE

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

STRONG ALUMINUM FORK

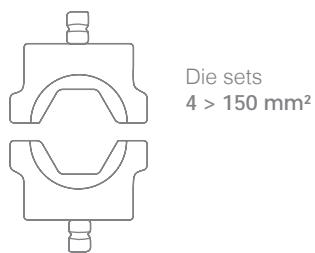
Force: 35 kN

EXCELLENT RATIO WEIGHT/CAPACITIES

2.460 kg – 35 kN – 150 mm²

ROTATIVE HEAD

180°



Die sets
4 > 150 mm²



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

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

HEXAGONAL CRIMPING 4 > 150 mm²



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

APPLICATIONS

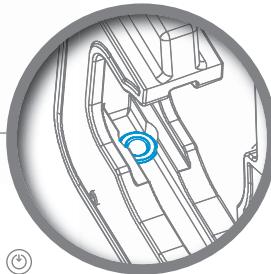
APPLICATIONS	SECTIONS
◆ Copper lugs and sleeves – NFC 20-130	4 > 150 mm ²
◆ Bare or insulated sleeves in copper or alu. – EDF E54 > E215	
◆ Copper or alu lugs and sleeves – DIN 48083	KZ4 > KZ22
◆ C-shaped connectors	C6 > C16
◆ Pre-rounding die sets	10 > 120 mm ²
◆ Copper lugs and sleeves – NFC 20-130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

DIMENSIONS (mm)	520 x 440 x 130
WEIGHT	2.300 kg



**QUICK OPENING & CLOSING HEAD**

Easy to replace die sets.

**NEOELEC™
BPE055****HYDRAULIC CRIMPING TOOL
MINI PISTOL TYPE****HEXAGONAL CRIMPING
4 > 240 mm²**

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

**BALL HEAD DOWEL**

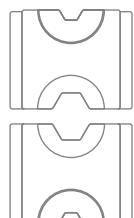
Enables setting of 38 mm width die (manufactured by DUBUIS) or 30 mm (manufactured by other companies).

**INTERCHANGEABLE DIE SETS**

Simple or reversible.

**ROTATIVE HEAD**

340°

Die sets
4 > 240 mm²**DIE SETS – Refer to PAGES 88 – 96.**

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

STROKE

13 mm

FORCE

55 kN

CRIMPING TIME (depending on section)

3 to 5 s

BATTERY CAPACITY (for 185 mm² copper lug)

220 crimps

DIMENSIONS (L × I × h in mm)

285 × 60 × 270

WEIGHT (with battery)

3.150 kg

APPLICATIONS**SECTIONS**

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

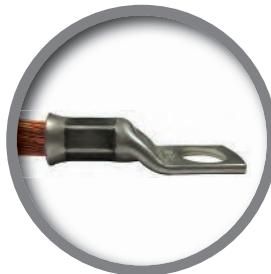
**DIMENSIONS** (mm) 520 × 440 × 130**WEIGHT** 2.300 kg

- > Case and charger delivered with the tool.

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

**QUICK OPENING & CLOSING HEAD**

Easy to replace die sets.

**NEOELEC™
BPE062****HYDRAULIC CRIMPING TOOL
MINI PISTOL TYPE****HEXAGONAL CRIMPING
 $6 > 300 \text{ mm}^2$** 

- > 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°

STROKE

13 mm

FORCE

62 kN

CRIMPING TIME (depending on section)

3 to 5 s

BATTERY CAPACITY (for 185 mm² copper lug)

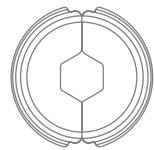
220 crimps

DIMENSIONS (L × I × h in mm)

290 × 60 × 285

WEIGHT (with battery)

3.550 kg

Die sets
 $6 > 300 \text{ mm}^2$ **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	$6 > 300 \text{ mm}^2$
	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 mm²

**DIMENSIONS** (mm) 520 × 440 × 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**

**HEXAGONAL CRIMPING
6 > 400 mm²**


> 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 mm².

**STRONG HEAD**

130 kN

**ROTATIVE HEAD**

360°

STROKE

12 mm

FORCE

130 kN

CRIMPING TIME (depending on section)

8 to 14 s

BATTERY CAPACITY (for 185 mm² copper lug)

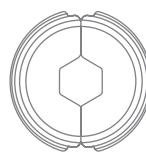
50 crimps

DIMENSIONS (L x l x h in mm)

310 x 65 x 300

WEIGHT (with battery)

4.680 kg



Die sets
6 > 400 mm²



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

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

APPLICATIONS**SECTIONS**

◆ Copper lugs and sleeves – NFC 20-130	6 > 400 mm ²
◆ Bare or insulated sleeves in copper or alu. – EDF E54 > E280	
◆ Copper or alu lugs and sleeves – DIN 48083	KZ6 > KZ44
◆ C-shaped connectors	C10 > C70
◆ Pre-rounding die sets	50 > 300 mm ²
◆ Copper lugs and sleeves – NFC 20-130	10 > 240 mm ²



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.**



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





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.



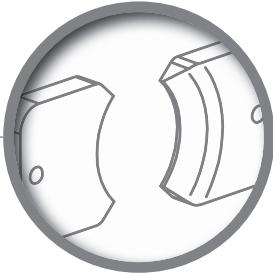
NEOELEC™ BATTERY OPERATED HYDRAULIC TOOLS

TYPE **IN LINE**

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

**LOCK**

Enables quick opening and closing head.



NEOELEC™

BCL025G

**HYDRAULIC CUTTING TOOL
IN LINE GUILLOTINE TYPE**



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

TYPE OF CABLES

copper, aluminum and steel

MAX. PASSAGE**Ø 25 mm**

(depending on cables)

**NEW REINFORCED BLADES**

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

**IDENTICAL BLADE & COUNTER BLADE**

Improve the cable cutting.

**INTERCHANGEABLE BLADES**

Easy to replace.

**ROTATIVE HEAD**

180°

FORCE

55 kN

CUTTING TIME

8 to 12 s

CUTTING CAPACITY – DEPENDS ON MATERIALS**DIMENSIONS (L × I × h in mm)**

128 × 75 × 400

WEIGHT (with battery)

3.300 kg

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

* Other dimensions and cables to be approved with tests.



Do not use this tool on live cables.



www.dubuis.com

DIMENSIONS (mm) 471 × 415 × 116**WEIGHT** 2.050 kg

> Case and charger delivered with the tool.

> NEOELEC™ accessories

Refer to PAGE 56 – 57.



NEOELEC™

BCL035i

HYDRAULIC CUTTING TOOL IN LINE SCISSORS TYPE

> 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

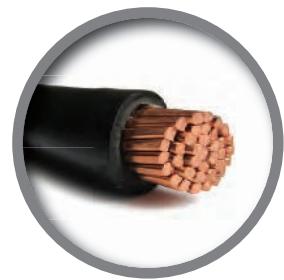
180°



Do not use this tool on live cables.

TYPE OF CABLES
multi strand copper and aluminum

MAX. PASSAGE
Ø 35 mm



FORCE (at piston) 45 kN

CUTTING TIME 8 to 12 s

CUTTING CAPACITY – DEPENDS ON MATERIALS

DIMENSIONS (L × l × h in mm) 107 × 78 × 445

WEIGHT (with battery) 3.300 kg

MAX. CUTTING CAPACITIES Possible cutting tests.

SEMI RIGID MULTI STRAND COPPER CABLE 240 mm²

COPPER FLEXIBLE MULTI STRAND CABLE Ø 35 mm – 300 mm²

ALUMINUM MULTI STRAND CABLE Ø 35 mm

TELEPHONE CABLE Ø 35 mm

No round bars, no steel sheet reinforced cable either.

DIMENSIONS (mm) 471 × 415 × 116

WEIGHT 2.050 kg

> Case and charger delivered with the tool.

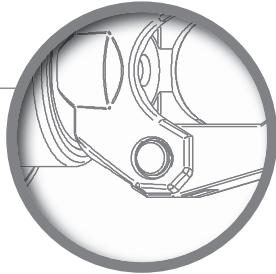
> NEOELEC™ accessories

Refer to PAGE 56 – 57.



**QUICK OPENING & CLOSING HEAD**

Easy to replace die sets.


**NEOELEC™
BPL031**
**HYDRAULIC CRIMPING TOOL
IN LINE TYPE**
**HEXAGONAL CRIMPING** **$4 > 95 \text{ mm}^2$** 

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

**NARROW HEAD**

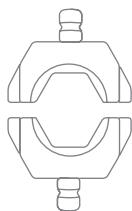
To work in switchboards.

**EXCELLENT RATIO WEIGHT/CAPACITIES**

2.100 kg – 35 kN – 95 mm²

**ROTATIVE HEAD**

180°



Die sets
 $4 > 95 \text{ mm}^2$

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

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

STROKE

8 mm

FORCE

35 kN

CRIMPING TIME (depending on section)

3 to 4 s

BATTERY CAPACITY (for 95 mm² copper lug)

270 crimps

DIMENSIONS (L x l x h in mm)

128 x 75 x 340

WEIGHT (with battery)

2.100 kg

APPLICATIONS**SECTIONS**

◆ Copper lugs and sleeves – NFC 20-130	$4 > 95 \text{ mm}^2$
◆ 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	$10 > 70 \text{ mm}$

**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.

**QUICK OPENING & CLOSING HEAD**

Easy to replace die sets.

**BPL036****HYDRAULIC CRIMPING TOOL
IN LINE TYPE****HEXAGONAL CRIMPING
4 > 150 mm²**

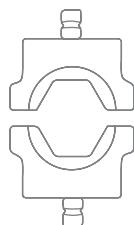
- > Identical force, stroke and capacities as the manual tool D36 and the battery operated tool BPE036.

**STRONG ALUMINUM FORK**

Force: 35 kN

**EXCELLENT RATIO WEIGHT/CAPACITIES**2.200 kg – 35 kN – 150 mm²**ROTATIVE HEAD**

180°

Die sets
4 > 150 mm²**DIE SETS – Refer to PAGES 88 – 96.**

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

STROKE

8 mm

FORCE

35 kN

CRIMPING TIME (depending on section)

3 to 4 s

BATTERY CAPACITY (for 120 mm² copper lug)

260 crimps

DIMENSIONS (L x l x h in mm)

128 x 75 x 355

WEIGHT (with battery)

2.200 kg

APPLICATIONS**SECTIONS**

	Copper lugs and sleeves – NFC 20-130	4 > 150 mm ²
	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 ²
	Copper lugs and sleeves – NFC 20-130	10 > 95 mm ²

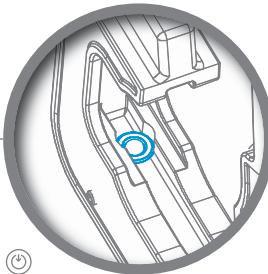
**DIMENSIONS** (mm) 471 x 415 x 116**WEIGHT** 2.050 kg

> Case and charger delivered with the tool.

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

**QUICK OPENING & CLOSING HEAD**

Easy to replace die sets.


**NEOELEC™
BPL055**
**HYDRAULIC CRIMPING TOOL
IN LINE TYPE**

**HEXAGONAL CRIMPING
4 > 240 mm²**


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

**BALL HEAD DOWEL**

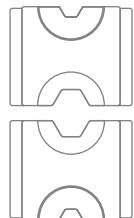
Enables setting of 38 mm width die (manufactured by DUBUIS) or 30 mm (manufactured by other companies).

**INTERCHANGEABLE DIE SETS**

Simple or reversible.

**ROTATIVE HEAD**

180°



Die sets
4 > 240 mm²

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

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

STROKE

13 mm

FORCE

55 kN

CRIMPING TIME (depending on section)

3 to 5 s

BATTERY CAPACITY (for 185 mm² copper lug)

220 crimps

DIMENSIONS (L x I x h in mm)

128 x 75 x 390

WEIGHT (with battery)

2.900 kg

APPLICATIONS**SECTIONS**

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



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.

**QUICK OPENING & CLOSING HEAD**

Easy to replace die sets.



NEOELEC™

BPL062**HYDRAULIC CRIMPING TOOL
IN LINE TYPE****HEXAGONAL CRIMPING****6 > 300 mm²**

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

**VERY LIGHT HEAD**

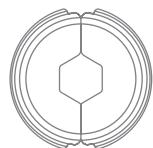
Excellent ratio weight/capacities.

**COMPATIBLE DIE SETS**

With 80 kN & 130 kN ranges.

**ROTATIVE HEAD**

180°

Die sets
6 > 300 mm²**DIE SETS – Refer to PAGES 88 – 96.**

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

STROKE

13 mm

FORCE

62 kN

CRIMPING TIME (depending on section)

3 to 5 s

BATTERY CAPACITY (for 185 mm² copper lug)

220 crimps

DIMENSIONS (L x l x h in mm)

128 x 75 x 395

WEIGHT (with battery)

3.250 kg

APPLICATIONS**SECTIONS**

	Copper lugs and sleeves – NFC 20-130	6 > 300 mm ²
	Copper or alu. lugs and sleeves – DIN 48083	KZ6 > KZ44
	C-shaped connectors	C10 > C50
	Pre-rounding die sets	25 > 240 mm ²
	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.**



NEOELEC™

| BATTERY OPERATED TOOLS | PISTOL

18V 4.0Ah
Li-Ion

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



BPP062

P.51



BPP080

P.52

CRIMPING
TOOLS



BPP1301 | 02 | 03

P.53



BPP130U

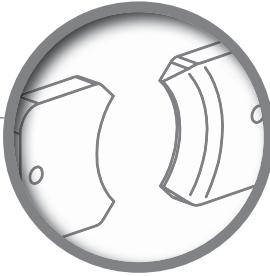
P.54

CRIMP CONTROL SOFTWARE

P.55

ACCESOIRIES NEOELEC™

P.56 – 57

**LOCKING PIN**

Enables a secure head closing.



NEOELEC™

BCP040G**HYDRAULIC CUTTING TOOL
PISTOL GUILLOTINE TYPE**

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

TYPE OF CABLES

copper, aluminum and steel

MAX. PASSAGE $\varnothing 25 \text{ mm}$
(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 × I × h in mm)**

480 × 85 × 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) *
CABLES	Copper	< 40 daN/mm²	$\varnothing 32$ (630 mm²)
	Aluminum	< 20 daN/mm²	$\varnothing 40$
	Almelec	< 34 daN/mm²	$\varnothing 40$
	Steel	< 180 daN/mm²	$7 \times \varnothing 3.0$ (= $\varnothing 9.0$) $19 \times \varnothing 2.1$ (= $\varnothing 10.5$) $19 \times \varnothing 2.3$ (= $\varnothing 11.5$)
	Multi-steel strands	< 180 daN/mm²	$\varnothing 18$ (strands quantities : 200)
	ACSR	< 180 daN/mm²	$26 \times \varnothing 2.50 + 7 \times \varnothing 1.95$ (= $\varnothing 15.85$) $26 \times \varnothing 3.06 + 7 \times \varnothing 2.38$ (= $\varnothing 19.38$) $26 \times \varnothing 3.60 + 7 \times \varnothing 2.80$ (= $\varnothing 22.80$) $54 \times \varnothing 3.50 + 19 \times \varnothing 2.10$ (= $\varnothing 31.50$)
BARS	Steel	< 60 daN/mm²	$\varnothing 18$
		< 42 daN/mm²	$\varnothing 20$
	Copper	< 30 daN/mm²	$\varnothing 30$
		< 25 daN/mm²	$\varnothing 32$
	Aluminum	< 16 daN/mm²	$\varnothing 40$

* Other dimensions and cables to be approved with tests.



Do not use this tool on live cables.



NEOELLEC™

BCP045G

HYDRAULIC CUTTING TOOL PISTOL GUILLOTINE TYPE

> 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.



TYPE OF CABLES

copper, aluminum, steel, stainless steel and ACSR

MAX. PASSAGE

Ø 45 mm

(depending on cables)



FORCE

130 kN

CUTTING TIME

10 to 30 s

CUTTING CAPACITY – DEPENDS ON MATERIALS

DIMENSIONS (L x I x h in mm)

510 x 75 x 330

WEIGHT (with battery)

8.500 kg

> Case and charger delivered with the tool.

> NEOELLEC™ 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/mm²	Ø 45
	Aluminum	< 20 daN/mm²	Ø 45
	Almelec	< 34 daN/mm²	Ø 45
	Steel	< 180 daN/mm²	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/mm²	Ø 18 (strands quantities : 200)
	ACSR (medium hard steel)	< 180 daN/mm²	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)
BARS	Inox	> Please contact us.	
	Steel	< 60 daN/mm²	Ø 20
		< 42 daN/mm²	Ø 22
	Copper	< 30 daN/mm²	Ø 33
		< 25 daN/mm²	Ø 35
	Aluminum	< 16 daN/mm²	Ø 45



NEOELEC™ **BCP055G**

HYDRAULIC CUTTING TOOL
PISTOL GUILLOTINE TYPE



> 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.

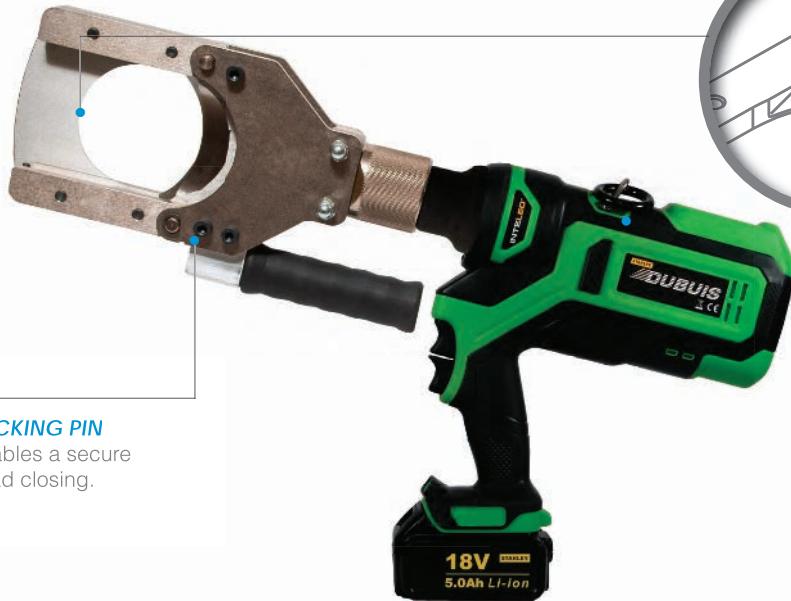
	TYPE OF CABLES	MAX. HARDNESS	SECTIONS	MAX. Ø OF CUT *
CABLES	Copper leads cables		4 x 185 mm ² or 630 mm ² max.	
	Underground aluminum		3 x 240 + 1 x 95 mm ²	Ø 51 mm
	Telephone cables			Ø 55 mm
BARS	Round annealed copper	< 20 daN/mm ²		Ø 16 – 18 mm
	Round annealed aluminum (A5)	< 16 daN/mm ²		Ø 20 –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

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

**NEW COUNTER BLADE**

Decreases cable distortion when cutting.

**SHARP BLADE & COUNTER BLADE**

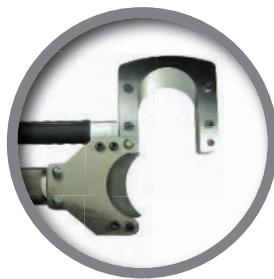
Improve the cable cutting (> copper and aluminum cables).

**ERGONOMIC HANDLE**

Easy to care and for a secured tool handling.

**ROTATIVE HEAD**

180°

**WIDE OPENING**

Easy for cables passage.

FORCE

55 kN

CUTTING TIME

8 to 20 s

CUTTING CAPACITY – DEPENDS ON MATERIALS**DIMENSIONS (L x l x h in mm)**

580 x 85 x 340

WEIGHT (with battery)

8.900 kg



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**TYPE OF CABLES****MAX. Ø OF CUT ***

UNDERGROUND INSULATED ALUMINUM CABLES

3 x 240 mm² + 1 x 95 mm²

1 x 630 mm² > 800 mm²

COPPER CABLES

630 mm²

TELEPHONE CABLES

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

> 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.

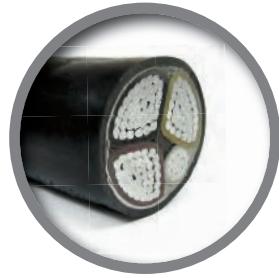


ROTATIVE HEAD

180°

TYPE OF CABLES
copper and aluminum

MAX. PASSAGE
Ø 65 mm



FORCE (at piston) 130 kN

FORCE (between blades) 60 kN

CUTTING TIME 7 to 15 s

CUTTING CAPACITY – DEPENDS ON MATERIALS

DIMENSIONS (L × I × h in mm) 395 × 80 × 170

WEIGHT (with battery) 10 kg

MAX. CUTTING CAPACITIES *

COPPER CABLES Ø 65 mm

ALUMINUM CABLES Ø 65 mm

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

* Other dimensions and cables to be approved with tests.



Do not use this tool on live cables.



DIMENSIONS (mm) 594 × 494 × 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****HEXAGONAL CRIMPING****6 > 300 mm²**

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

**VERY LIGHT HEAD**

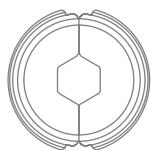
Excellent ratio weight/capacity.

**COMPATIBLE DIE SETS**

With 80 kN & 130 kN ranges.

**ROTATIVE HEAD**

270°



Die sets
6 > 300 mm²

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

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

STROKE

13 mm

FORCE

62 kN

CRIMPING TIME (depending on section)

3 to 5 s

BATTERY CAPACITY (for 185 mm² copper lug)

340 crimps

DIMENSIONS (L x I x h in mm)

355 x 75 x 325

WEIGHT (with battery)

4.900 kg

APPLICATIONS**SECTIONS**

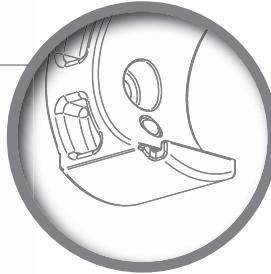
	Copper lugs and sleeves – NFC 20-130	6 > 300 mm ²
	Copper or alu. lugs and sleeves – DIN 48083	KZ6 > KZ34
	C-shaped connectors	C10 > C50
	Pre-rounding die sets	25 > 240 mm ²
	Bare or insulated sleeves in copper or alu.	E54 > E280

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.



**OVERCLOSING
BERMISCHUNG**Easy grip lever management
des crampes.**NEOELEC™
*BPP080*****HYDRAULIC CRIMPING TOOL
PISTOL TYPE**

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

**VERY LIGHT HEAD**

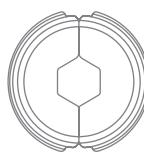
Excellent ratio weight/capacity.

**COMPATIBLE DIE SETS**

With 62 kN & 130 kN ranges.

**ROTATIVE HEAD**

270°

Die sets
6 > 300 mm²**DIE SETS** – Refer to **PAGES 88 – 96.**> Common interchangeable die sets
for D80 & BPP080 / D62, XD62, BPE062,
BPL062 & BPP062.

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

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



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

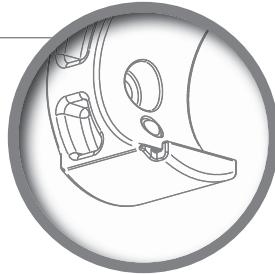
- > Case and charger delivered with the tool.
> **NEOELEC™** accessories
Refer to **PAGE 56 – 57.**



> Available with strokes

26, 32, 38 & 44.

(Please contact us for 44 mm version.)



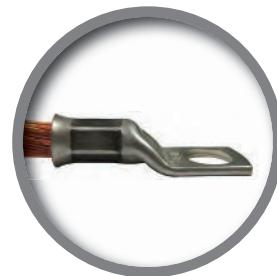
NEOELEC™ **BPP130**⁻¹ ⁻² ⁻³

HYDRAULIC CRIMPING TOOL PISTOL TYPE



HEXAGONAL CRIMPING

6 > 400 mm²
(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 mm².



OVERHEAD LINES CRIMPING

Tool designed for this application.



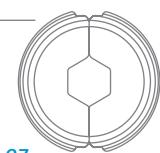
EQUIPPED WITH MECHANICAL STOP

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 ²	6 > 400 mm ²	6 > 400 mm ²
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 ²	50 > 300 mm ²	50 > 300 mm ²
Copper lugs and sleeves – NFC 20-130	10 > 240 mm ²	10 > 240 mm ²	10 > 240 mm ²

Die sets
6 > 400 mm²



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**

> 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°



**ASSEMBLY № 1
FOR INDENTING APPLICATION**



> Refer to **PAGES 96.**

DEEP INDENTING
16 > 240 mm²

HEXAGONAL CRIMPING
6 > 400 mm²



STROKE	26 mm
---------------	-------

MAX. PASSAGE	34 mm
---------------------	-------

FORCE	130 kN
--------------	--------

DIMENSIONS (L x I x h in mm)	415 x 75 x 310
-------------------------------------	----------------

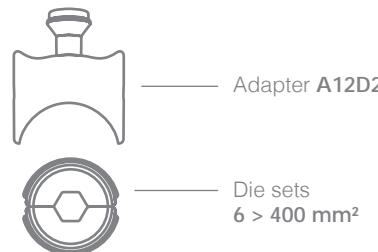
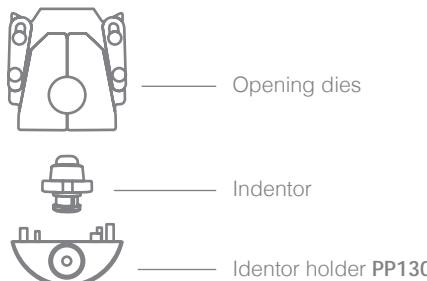
WEIGHT (with battery)	6.300 kg
------------------------------	----------



**ASSEMBLY № 2
FOR CRIMPING APPLICATION**



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



> 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.



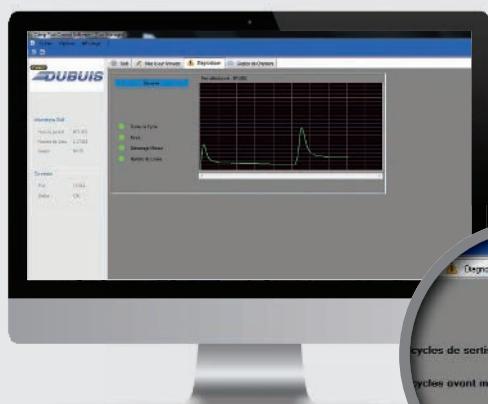
HANDLING MANAGEMENT

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.



> Download through the website or contact sales department.

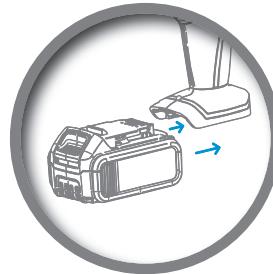
18V 4.0Ah
Li-ion18V 2.0Ah
Li-ionPLI CHARGE LEVEL INDICATOR
AT THE BACK OF THE BATTERY**STANLEY HIGH PERFORMANCE
RECHARGEABLE 18V LI-ION BATTERIES.**

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

PART №	AB18LI200
DIMENSIONS (L x I x h in mm)	115 x 75 x 45
WEIGHT	0.360 kg



18V LI-ION 5.0 Ah RECHARGEABLE BATTERY

PART №	AB18LI500
DIMENSIONS (L x I x h in mm)	115 x 75 x 65
WEIGHT	0.620 kg



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

PART №	AC18012
DIMENSIONS (L x I x h in mm)	180 x 120 x 80
WEIGHT	0.660 kg



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

PART №	AC18220
DIMENSIONS (L x I x h in mm)	180 x 120 x 80
WEIGHT	0.540 kg

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



BPL & BCL - CASE FOR IN LINE TOOLS

PART №	77501 (delivered empty)
DIMENSIONS (L x I x h in mm)	471 x 415 x 116
WEIGHT	2.050 kg



BPP & BCP - CASE FOR PISTOL TOOLS

PART №	77531 (delivered empty)
DIMENSIONS (L x I x h in mm)	594 x 494 x 149
WEIGHT	3.660 kg



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





HYDRAULIC POWER PACKS

HYDRAULIC POWER PACK/HEAD CONNECTIONS *P.60*



PHP700

P.61

PHE705

P.62

PHE706

P.63

BGH700

P.64 – 65

POWER PACKS ACCESSORIES

P.66

FITTINGS & FLEXIBLE HOSES

P.67



Standard quick nozzle
(pack side)
Part № 80847

HP hose
with $\frac{1}{4}$ 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.

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 coupler
Part № 87812
Part № 30888 for PHE706

Standard quick nozzle
Part № 30887



HYDRAULIC FITTINGS

$\frac{1}{4}$ 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 $\frac{3}{8}$ 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.

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



FITTINGS & HOSES ACCESSORIES

> Refer to PAGE 66 – 67.



DIMENSIONS (L x l x h in mm)	820 x 315 x 320
WEIGHT	10.900 kg
PART №	30191 (delivered separately)
CAPACITY	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.

PRESSURE	700 bar
POWER SUPPLY	220 V – 50 Hz
SOUND LEVEL	LWA 91 dB (A)
OIL TANK	2 L
DIMENSIONS (L x l x h in mm)	320 x 180 x 440
WEIGHT	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.



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



PHE706

220V ELECTRICAL HYDRAULIC POWER PACK



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 x 185 mm² lugs per minute with a XC130.

PRESSURE

700 bar

POWER SUPPLY

220 V – 50 Hz (available in 110 V 50 Hz, or equipped with UK or US plug)

SOUND LEVEL

< 80 dB (A)

OIL TANK

2 L

DIMENSIONS (mm)

380 x 200 x 420

WEIGHT

17 kg (full oil included)

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



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.

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.



DIMENSIONS (mm)

600 x 400 x 490

WEIGHT

10.700 kg

PART №

82132 (delivered separately)

CAPACITY

1 group + 1 hose + 1 hydraulic head
+ various accessories



NEOELEC™

| HYDRAULIC POWER PACK | BATTERY OPERATED

18V 5.0Ah
Li-Ion

NEW

⑥

**CONTROL SYSTEM**

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

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**

⑤

**MANUAL RELEASE BY
EMERGENCY BUTTON**

③

**360° ROTATING COUPLING**

④

**HANDLING RING FOR
TRANSPORTATION (STRAP)**Maximum operating speed
with high performance motor.Quick motor stop function for high
user safety.Energy saving function for switching
off the tool after 10 min.2 hydraulic pump stages for improved
fast advance.Pressure safety system to prevent from
pressure failures, with audible click at
release.



**NEOELEC™
BGH700**

**18V 5,0Ah LI-ION HYDRAULIC GROUP
BATTERY OPERATED**



> 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 overheating.



FITTINGS & HOSES ACCESSORIES

> Refer to PAGE 66 - 67.

18V LI-ION 5.0 Ah BATTERY

WEIGHT 0.620 kg

PART N° AB18LI500



2 SWITCHES REMOTE CONTROL

Advance/Hold – Return
cable length: 3 m

> Delivered with the group.

WEIGHT (with battery + coupler) 5.670 kg

DIMENSIONS (L x I x h in mm) 330 x 160 x 250

OIL TANK 0.8 L

FLOW 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



220V CHARGER

WEIGHT 0.540 kg

PART N° AC18220

> **850 bar VERSION AVAILABLE**

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



DIMENSIONS (mm) 550 x 336 x 308

WEIGHT 4.800 kg

PART N° 91813 (delivered separately)

CAPACITY 1 group + 1 hose + 1 hydraulic head + various accessories



ACCESSORIES

FOR HYDRAULIC POWER PACKS

REMOTE CONTROL

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

Equipped with a 3 m cable length.

Part № 82801



HYDRAULIC OIL

Insulating oil: Total Equivis XV32.

Oil bottle 0.5 L: **Part № 82809**

Oil bottle 5 L: **Part № OMST032**

FOOT CONTROLLER

Double foot controller pedal, Advance/Hold–Return.

Equipped with a 3 m cable length.

To replace the remote control (82801).

Part № 82814



MANOMETER

Manometer 0 – 1000 bar for pressure control at release.

Calibration certificate.

Part № 82812-BAR or 82812-PSI



FITTINGS & FLEXIBLE HOSES

700 bar FLEXIBLE HOSES – INSULATED



EQUIPPED WITH STANDARD 90° FITTINGS

- > To be connected to the power pack, enables a rotating and a security locking coupler.
- 2 meters > [Part № 82861](#)
- 4 meters > [Part № 82860](#)
- 10 meters > [Part № 82811](#)

700 bar FLEXIBLE HOSES – UNINSULATED



EQUIPPED WITH STANDARD FITTINGS

- > To be connected to the 700 bar power pack.
- 1,6 meter > [Part № 77840](#)
- 3 meters > [Part № 77841](#)
- 6 meters > [Part № 77842](#)
- 12 meters > [Part № 77843](#)

> Other lengths,
please
contact us.

1/4 BSP QUICK STANDARD FITTINGS

> $\frac{3}{8}$ NPT fittings: consult us.



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

- > To be connected to the hydraulic head.
- [Part № 30887](#)



1/4 BSP THREADED QUICK STANDARD COUPLER

- > To be connected to the 700 bar power pack.
- [Part № 30888](#)

SCREWING FITTINGS



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

- > To be connected to the hydraulic head.
- [Part № HSER001](#)



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

- > To be connected to the HP flexible hose, head side.
- [Part № HSER002](#)

ADAPTERS



- > For female 1/4 BSP thread to be converted into a female 3/8 NPT thread.
- [Part № HREM68211-40](#)



- > For female 3/8 NPT thread to be converted into a male 3/8 NPT thread.
- [Part № HCEJ792181623](#)



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

Crimping, cable cutter guillotine or scissors, head types.





HYDRAULIC HEADS

CUTTING
HEADS

XCG25

P.70



XCG40

P.71



XCG45

P.72



XCG55

P.73



XCG85

P.74



XCI35

P.75



XCI65

P.76



XCI95

P.77

CRIMPING
HEADS

XD51

P.78



XD62

P.79



XC130-26 | -32 | -38 P.80



XH130

P.81



XH250

P.82



XH450

P.83

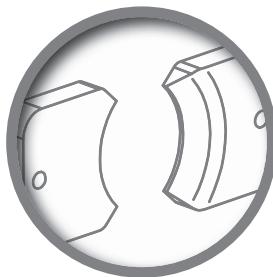


XU250

P.84

**LOCK**

Enables quick opening and closing head.



XCG25

HYDRAULIC HEAD
GUILLOTINE CABLES CUTTER



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

TYPE OF CABLES
copper, aluminum and steel

MAX. PASSAGE
Ø 25 mm
(depending on cables)

**NEW REINFORCED BLADES**

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

**IDENTICAL BLADE & COUNTER BLADE**

Improve the cable cutting.

**INTERCHANGEABLE BLADES**

Easy to replace.

FORCE

55 kN

DIMENSIONS (L x I x h in mm)

215 x 52 x 90

WEIGHT (without protection kit)

2.400 kg

**PROTECTION KIT**

> As an option.

**FITTINGS & HOSES**

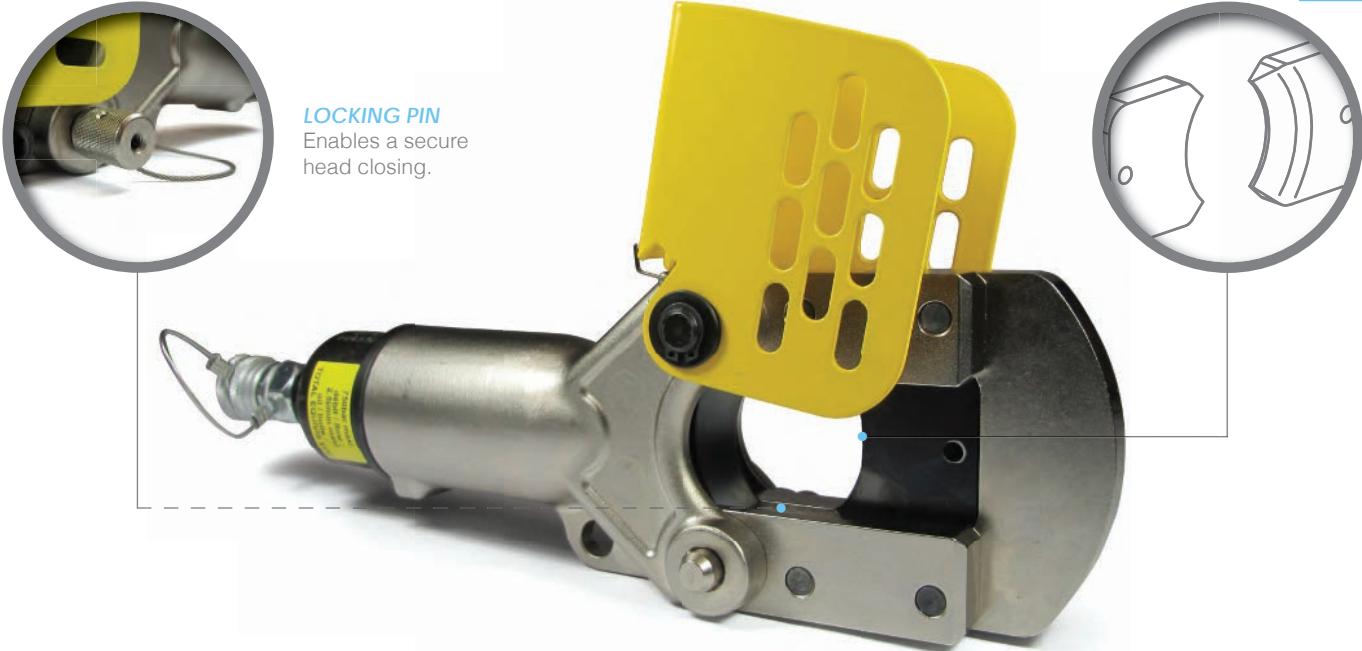
> Refer to PAGE 67.

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

* Other dimensions and cables to be approved with tests.



Do not use this tool on live cables.



XCG40

HYDRAULIC HEAD GUILLOTINE CABLES CUTTER

700 bar

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



NEW REINFORCED BLADES

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



IDENTICAL BLADE & COUNTER BLADE

Improve the cable cutting.



INTERCHANGEABLE BLADES

Easy to replace.

TYPE OF CABLES
copper, aluminum and steel

MAX. PASSAGE
Ø 40 mm
(depending on cables)



FORCE

88 kN

DIMENSIONS (L x I 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) *
CABLES	Copper	< 40 daN/mm ²	Ø 32 (630 mm ²)
	Aluminum	< 20 daN/mm ²	Ø 40
	Almelec	< 34 daN/mm ²	Ø 40
	Steel	< 180 daN/mm ²	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 ²	Ø 18 (strands quantities : 200)
	ACSR	< 180 daN/mm ²	26 x Ø 2.50 + 7 x Ø 1.95 (= Ø 15.85)
	(medium hard steel)		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)
BARS	Steel	< 60 daN/mm ²	Ø 18
		< 42 daN/mm ²	Ø 20
	Copper	< 30 daN/mm ²	Ø 30
		< 25 daN/mm ²	Ø 32
	Aluminum	< 16 daN/mm ²	Ø 40

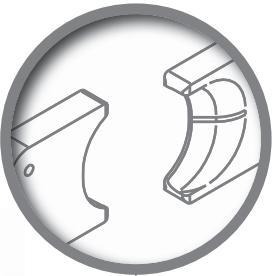
* Other dimensions and cables to be approved with tests.



Do not use this tool on live cables.



LOCKING PIN
Enables a secure head closing.



XCG45

HYDRAULIC HEAD
GUILLOTINE CABLES CUTTER



700
bar

> 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 × I × h in mm)

320 × 65 × 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) *
CABLES	Copper	< 30 daN/mm ²	Ø 45
	Aluminum	< 20 daN/mm ²	Ø 45
	Almelec	< 34 daN/mm ²	Ø 45
	Steel	< 180 daN/mm ²	7 × Ø 3.0 (= Ø 9.0) 19 × Ø 2.1 (= Ø 10.5) 19 × Ø 2.3 (= Ø 11.5)
	Multi-steel strands	< 180 daN/mm ²	Ø 18 (strands quantities: 200)
	ACSR	< 180 daN/mm ²	26 × Ø 2.50 + 7 × Ø 1.95 (= Ø 15.85) 26 × Ø 3.06 + 7 × Ø 2.38 (= Ø 19.38) 26 × Ø 3.60 + 7 × Ø 2.80 (= Ø 22.80) 54 × Ø 3.50 + 19 × Ø 2.10 (= Ø 31.50) 54 × Ø 4.36 + 19 × Ø 2.62 (= Ø 39.20)
BARS	Inox	> please contact us.	
	Steel	< 60 daN/mm ²	Ø 18
		< 42 daN/mm ²	Ø 20
	Copper	< 30 daN/mm ²	Ø 30
		< 25 daN/mm ²	Ø 32
	Aluminum	< 16 daN/mm ²	Ø 45



Do not use this tool on live cables.



XCG55

HYDRAULIC HEAD GUILLOTINE CABLES CUTTER

700 bar

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



NEW COUNTER BLADE

Decreases cable distortion when cutting.



SHARP BLADE & COUNTER BLADE

Improve the cable cutting.



LIGHT & POWERFUL

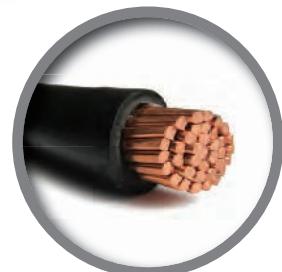
Refer to cutting capacities.

WIDE OPENING
Easy for cables passage.



TYPE OF CABLES
copper and aluminum

MAX. PASSAGE
Ø 55 mm



FORCE 43 kN

DIMENSIONS (L × I × h in mm) 300 × 55 × 110

WEIGHT (without protection kit) 3 kg



PROTECTION KIT

> As an option.



FITTINGS & HOSES

> Refer to PAGE 67.

MAX. CUTTING CAPACITIES

* Other dimensions and cables to be tested and validated.

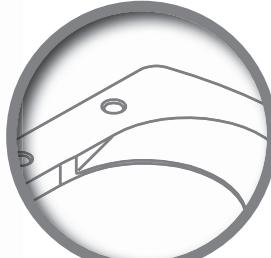
	TYPE OF CABLES	MAX. HARDNESS	SECTIONS	MAX. Ø OF CUT *
CABLES	Copper leads cables		4 × 185 mm ² or 630 mm ² max.	
	Underground aluminum		3 × 240 + 1 × 95 mm ²	Ø 51 mm
	Telephone cables			Ø 55 mm
BARS	Round annealed copper	< 20 daN/mm ²		Ø 16 – 18 mm
	Round annealed aluminum (A5)	< 16 daN/mm ²		Ø 20 –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



FORCE

55 kN

DIMENSIONS (L x l x h in mm)

395 x 80 x 170

WEIGHT (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 *

**UNDERGROUND INSULATED
ALUMINUM CABLES**

3 x 240 mm² + 1 x 95 mm²

1 x 630 mm² > 800 mm²

COPPER CABLES

630 mm²

TELEPHONE CABLES

Ø 85 mm

* Other dimensions and cables to be tested and validated.



Do not use this tool on live cables.



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



FORCE (at piston)

55 kN

DIMENSIONS (L x l x h in mm)

305 x 70 x 105

WEIGHT

2.250 kg



FITTINGS & HOSES

> Refer to PAGE 67.

MAX. CUTTING CAPACITIES*

SEMI RIGID MULTI STRAND COPPER CABLE 240 mm²

COPPER FLEXIBLE MULTI STRAND CABLE Ø 35 mm – 300 mm²

ALUMINUM MULTI STRAND CABLE Ø 35 mm

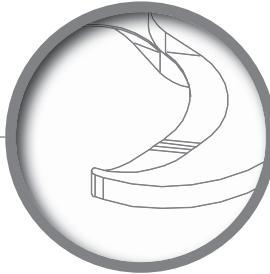
TELEPHONE CABLE Ø 35 mm

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.

**ERGONOMIC HANDLE**

Easy to care and for a secured tool handling.

SCISSORS TYPE CUTTEREnables 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.

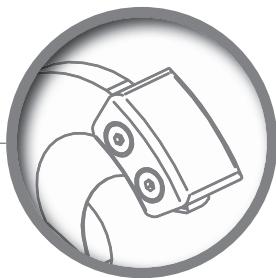
TYPE OF CABLES
copper and aluminum**MAX. PASSAGE**
Ø 65 mm**FORCE** (at piston) 130 kN**FORCE** (between blades) 60 kN**DIMENSIONS** (L × I × h in mm) 380 × 95 × 150**WEIGHT** 4.400 kg**FITTINGS & HOSES**
> Refer to PAGE 67.**MAX. CUTTING CAPACITIES*****COPPER CABLES** Ø 65 mm**ALUMINUM CABLES** Ø 65 mm

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

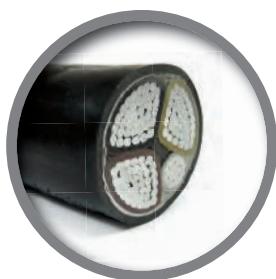
* Other dimensions and cables to be tested and validated.



Do not use this tool on live cables.

**GUIDING SHOE**

Avoids gap between blades.

**TYPE OF CABLES**

copper and aluminum

MAX. PASSAGE $\varnothing 95 \text{ mm}$

XCi95

**HYDRAULIC HEAD
SCISSORS CABLES CUTTER**700
bar**ERGONOMIC HANDLE**

Easy to carry and for a secured tool handling.

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

**PROTECTION KIT**

> 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***

ALL THE MULTI STRAND CABLES IN ALUMINUM OR COPPER UP TO $\varnothing 95 \text{ MM}$	1200 mm ²
MILD STEEL REINFORCED CABLES IN ALUMINUM OR COPPER	1000 mm ²

* Other dimensions and cables to be tested and validated.



Do not use this tool on live cables.



XD51

CRIMPING HYDRAULIC HEAD

700 bar

HEXAGONAL CRIMPING $4 > 240 \text{ mm}^2$



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



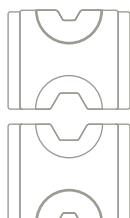
BALL HEAD DOWEL

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



INTERCHANGEABLE DIE SETS

Simple or reversible.



Die sets
 $4 > 240 \text{ mm}^2$



DIE SETS – Refer to PAGES 88 – 96.

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

STROKE	13 mm
FORCE	55 kN
DIMENSIONS (L x I x h in mm)	180 x 53 x 74
WEIGHT	1.750 kg

APPLICATIONS	SECTIONS
◆ Copper lugs and sleeves – NFC 20-130	$4 > 240 \text{ mm}^2$
◆ Copper or alu. lugs and sleeves – DIN 48083	KZ6 > KZ32
◆ C-shaped connectors	C6 > C35
◆ Pre-rounding die sets	$6 > 240 \text{ mm}^2$
◆ Bare or insulated sleeves in copper or alu.	E54 > E215



FITTINGS & HOSES

> Refer to PAGE 67.



XD62

CRIMPING HYDRAULIC HEAD

700
bar
HEXAGONAL CRIMPING
6 > 300 mm²

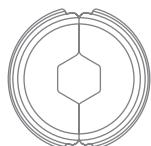

- > Identical force, stroke and capacities as the hand tool D62 and the battery operated tools BPE062, BPL062 & BPP062.

**VERY LIGHT HEAD**

Excellent ratio weight/capacities.

**COMPATIBLE DIE SETS**

With 80 kN & 130 kN ranges.

Die sets
6 > 300 mm²**DIE SETS – Refer to PAGES 88 – 96.**

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

STROKE	13 mm
FORCE	62 kN
DIMENSIONS (L x I x h in mm)	195 x 53 x 100
WEIGHT	2.200 kg

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

**FITTINGS & HOSES**

> Refer to PAGE 67.



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



XC130⁻²⁶₋₃₂₋₃₈ NEO

CRIMPING HYDRAULIC HEAD



700 bar

HEXAGONAL CRIMPING

6 > 400 mm²

(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 mm².

OVERHEAD LINES CRIMPING

Tool designed for this application.

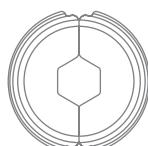


MECHANICAL STOP

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 I 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 ²	6 > 400 mm ²	6 > 400 mm ²
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 ²	50 > 300 mm ²	50 > 300 mm ²
Copper lugs and sleeves – NFC 20-130	10 > 240 mm ²	10 > 240 mm ²	10 > 240 mm ²



Die sets
6 > 400 mm²



DIE SETS – Refer to PAGES 89 – 97.

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



DIMENSIONS (mm) 405 x 270 x 105

WEIGHT 3.120 kg

> Delivered separately.



XH130 NEO

**DEEP INDENTING
HYDRAULIC HEAD**

NEW

700
bar

**DEEP INDENTING
16 > 240 mm²**

**HEXAGONAL CRIMPING
6 > 400 mm²**

> 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.

STROKE	26 mm
MAX. PASSAGE	34 mm
FORCE	130 kN
DIMENSIONS (L x I x h in mm)	205 x 80 x 80
WEIGHT	3.600 kg



**ASSEMBLY № 1
FOR INDENTING APPLICATIONS**



DIE SETS
> Refer to [PAGES 96](#).

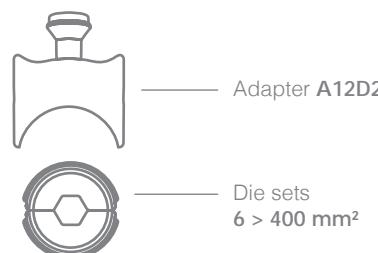
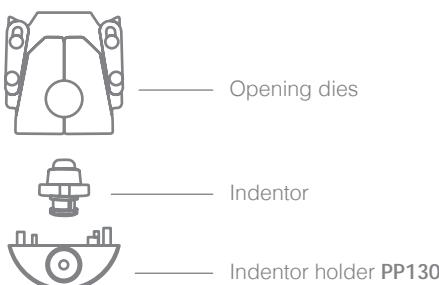


**ASSEMBLY № 2
FOR CRIMPING APPLICATIONS**

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.



DIMENSIONS (mm) 405 x 270 x 105

WEIGHT 3.120 kg

> Delivered separately.



XH250

CRIMPING HYDRAULIC HEAD

700
bar

HEXAGONAL CRIMPING
50 > 630 mm²



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.



DIMENSIONS (mm) 405 x 270 x 105

WEIGHT 3,120 kg

> Delivered separately.

STROKE

28 mm

FORCE

250 kN

DIMENSIONS (L x I x h in mm)

287 x 100 x 130

WEIGHT

6.800 kg

APPLICATIONS

SECTIONS

◆ Copper tubular lugs – NFC 20-130

50 > 630 mm²

◆ Copper or alu. lugs and sleeves – DIN 48083 KZ8 > KZ44



DIE SETS

> Refer to PAGES 89 – 97.



XH450

CRIMPING
HYDRAULIC HEAD

**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**

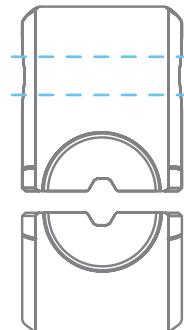
Lower die centering in the head.



HEXAGONAL CRIMPING
95 > 1000 mm²



Die sets
95 > 1000 mm²



STROKE	35 mm
FORCE	450 kN
DIMENSIONS (L x I x h in mm)	285 x 115 x 120
WEIGHT	11 kg

	APPLICATIONS	SECTIONS
◆	Copper tubular lugs – NFC 20-130	95 > 1000 mm²
◆	Copper or alu. lugs and sleeves – DIN 48083	KZ14 > KZ60

**DIE SETS**

> Refer to PAGES 89 – 97.



XU250

**DEEP INDENTING
HYDRAULIC HEAD**



DEEP INDENTING

16 > 400 mm²



HEXAGONAL CRIMPING

6 > 630 mm²



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.

STROKE

29 mm

FORCE

250 kN

DIMENSIONS (L × I × h in mm)

270 × 116 × 98

WEIGHT

6.600 kg



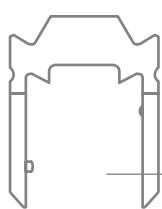
DIE SETS

> Refer to [PAGES 89 – 97](#).

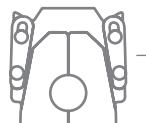


CARRYING CASE

> Refer to [XH130 NEO](#).



Adapter 2S1
Part № 30857



Opening dies
10 > 240 mm²



Indentor



Die sets
500 mm²
Part № 77687
630 mm²
Part № 77686



Upper adapter
Part № 77408C



Die sets
6 > 400 mm²



Lower adapter
Part № 77407C

**ASSEMBLY № 1
INDENTING APPLICATION**

**ASSEMBLY № 2
CRIMPING APPLICATION**

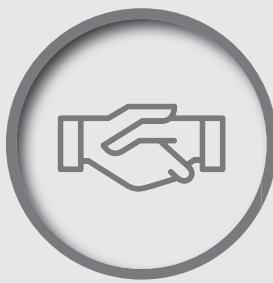
**ASSEMBLY № 3
CRIMPING APPLICATION**

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

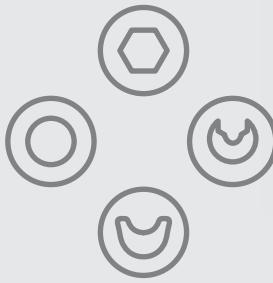




CRIMPING DIE SETS



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

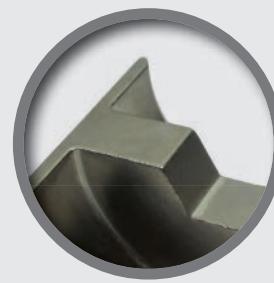


APPLICATIONS :

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



CORROSION PREVENTIVE COVERING
AUTOCATALYTIC NICKEL
> DO NOT WEAKEN PARTS



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



IDENTIFICATION WITH INTERNAL
& EXTERNAL MARKING

SPECIAL APPLICATIONS
& ESTIMATE UPON REQUEST
ACCORDING SPECIAL CASES



CRIMPING DIE SETS

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



			D31	BPE031	D36	BPE036	D51	BPE055	D62	BPE062	D80
			BPL031	BPL036	BPL055	BPL055	XD51	XD51	XD62	XD62	BPP080
 NFC 20-130 XCT. - XG. 	SECTION (mm²)		CODE		DIE SET PART № WIDTH (mm)						
 NFC 20-130 XCT. - XG. 	SECTION (mm²)		INDENTORS NESTS								
 C-SHAPED CONNECTORS	 HEXAGONAL CRIMPING 	SECTION (mm²)	CODE								
	6	C6	02689	9	02701	9	31310	9	84117	9	
	10	C10	02690	9	02702	9	31311	9	84118	2 x 5	
	16	C16	02691	5	02703	5	31312	2 x 5	84119	2 x 5	
	25	C25									
	35	C35									
	50	C50									
	70	C70									
	95	C95									
	120	C120									
	150	C150									
	185	C185									



C-SHAPED CONNECTORS		EARTH CIRCUIT & INDUSTRIAL NETWORK TUBULAR SLEEVES & LUGS NFC 20-130		C130-XX BPE130		H130		BPP130U XH130		XH250		XH450			
				BPP130X XC130-XX											
HEXAGONAL CRIMPING	SECTION (mm²)	CODE	NESTS	INDENTORS	CODE	ADAPTOR	DIE SET PART №	WIDTH (mm)	ADAPTOR	DIE SET PART №	WIDTH (mm)	ADAPTOR	DIE SET PART №		
NFC 20-130 XCT. - XG.	4 6 10 16 25 35 50 70 95 120 150 185 240 300 400 500 630 800 1000			80414 30218 30219 30220 30221 30222 30223 30224 30235 30236 30237 30228 30229 30452	9 9 9 9 12 12 12 12 12 12 12 12 12 9				80414 30218 30219 30220 30221 30222 30223 30224 30235 30236 30237 30228 30229 30452	9 9 9 9 12 12 12 12 12 12 12 12 12 9			30525 30526 30527 30528 30529 30444 30445 30446 30447 30448 30449 30469 30470	12 12 12 12 12 16 16 16 16 16 16 16 18 18	
INDENTING	SECTION (mm²)	CODE	NESTS	INDENTORS	CODE	A12D2: 85880	ADAPTOR	DIE SET PART №	A12D2: 85880	ADAPTOR	DIE SET PART №	A12D2: 85880	ADAPTOR	DIE SET PART №	
NFC 20-130 XCT. - XG.	10-16-25-35-50 70-95-120 150-185-240 10 16 25 35 50 70 95 120 150 185 240 300			30327 30331 30335 30322 30323 30324 30325 30326 30328 30329 30330 30332 30333 30334	9 9 9 9 12 12 12 12 16 16 16 22 22 22				30327 30331 30335 30322 30323 30324 30325 30326 30328 30329 30330 30332 30333 30334	9 9 9 12 12 12 12 12 16 16 16 22 22 22					
HEXAGONAL CRIMPING	SECTION (mm²)	CODE													
* Except BPE130	6 10 16 25 35 50 70 95 120 150 185	C6 C10 C16 C25 C35 C50 C70 C95 C120 C150 C185		80160 80161 80162 30562-01	9 2 x 5 2 x 5 18				80160 80161 80162 30562-01	9 2 x 5 2 x 5 18					



		D31			D36			D51			D62			D80				
		BPE031		BPL031	BPE036		BPL036	BPE055		BPL055	BPE062		BPL062	BPP062		BPP080		
SECTION (mm²)	CODE	DIE SET PART №	WIDTH (mm)	SECTION (mm²)	CODE	DIE SET PART №	WIDTH (mm)	SECTION (mm²)	CODE	DIE SET PART №	WIDTH (mm)	SECTION (mm²)	CODE	DIE SET PART №	WIDTH (mm)	SECTION (mm²)		
HUR - DPD		02383	5			02434	5			31039	5			84110	12			
16				25				50				84114	5			84110	12	
35				70				95				84116	5			84116	5	
50				120				120				84168	5			84168	5	
70				150				150										
95				185				185										
120				240				240										
150				DPD 29/25	E100	02393	5			02622	5		31047	5				
EARTH CIRCUIT & INDUSTRIAL NETWORK	<small>COPPER FORGED TINNED LUGS</small>	NFC 63-061 ICAU - ACX.	35	E140	02234	9		02377	9		31217	9		84170	9			
			50	E173				02376	9					84171	9			
			70	E173										84219	5			
			95	E235										84175	5			
			120	E235														
			150	E260														
			185	E260														
			240	E260														
			300	E260														
LV INSULATED OVERHEAD LINE	<small>INSULATED LUGS & SLEEVES</small>	MJPB. MJPT. MJT. EBPAU. EDBAU CCFB CPTA. DP/CN. XN8S. EJAS EDAS CN.	6	E140	02234	9		02377	9		31217	9		84170	9			
			10	E140				02377	9					84170	9			
			16	d16 E140				02376	9					84171	9			
			25	d20 E173				02376	9					84171	9			
			35	E173										84171	9			
			50	E173														
			54,6	E173														
			70	E215				02371	9		31093	9		84173	9			
			70 N	E215										84173	9			
			95	E215										84173	9			
			120	E215										84173	9			
			150	E215										84173	9			
			185	E280														
			240	E280														
	SLEEVES	MJPAS MJPASE - JAS	50	E260														
			70	E260														
			95	E260														
			150	E260														
	SLEEVES	MJTAS MJTASE EJASE	50	E215														
			70	E215														
			95	E215														
			150	E215														
			240/95N	E280														



				C130-XX		H130		
				BPE130				
				BPP130X		BPP130U		
				XC130-XX		XH130		
				DIE SET PART NO.	WIDTH (mm)	ADAPTOR	WIDTH (mm)	
EARTH CIRCUIT & INDUSTRIAL NETWORK		COPPER FORGED TINNED LUGS						
CUALIMETALLIC LUGS INDUSTRIAL NETWORK		HEXAGONAL CRIMPING		SECTION (mm²)	CODE			
HUR - DPD		16 25 35 50 70 95 120 150 185 240 DPD 29/25			30222 12			
NFC 63-061 ICAU - ACX.		35 50 70 95 120 150 185 240 300		E140 80387 E173 80388 E235 30636 30358 E260 80386	30578 9 80387 18 30579 9 80388 18 30636 9 30358 18 80386 9			
LV INSULATED OVERHEAD LINE		INSULATED LUGS & SLEEVES						
SLEEVES		MJPB. MJPT. MJT. EBPAU. EDBPAU CCFB CPA. DP/CN. XN8S. EJAS EDAS CN.		6 10 16 25 35 50 54,6 70 70 N 95 120 150 185 240	E140 E140 E173 E173 E173 E215 E215 E280 E260 E215 E280	30578 9 30578 9 30579 9 30579 9 30579 9 30580 9 30360-01 9 80386 9 30580 9 30578 9 30579 9 30579 9 30580 9 30360-01 9		
SLEEVES		MJPAS MJPASE - JAS		50 70 95 150	E260	80386 9		
SLEEVES		MJTAS MJTASE EJASE		50 70 95 150 240/95N	E215 E215 E280	30580 9 30360-01 9		



		D31 BPE031 BPL031			D36 BPE036 BPL036			D51 BPE055 BPL055			D62 BPE062 BPL062 BPP062			D80 BPP080		



LV/HV BARE OVERHEAD LINE		COPPER CONDUCTORS				ALUMINUM/STEEL CONDUCTORS		ALUMINUM ALLOY CONDUCTORS			
		HEXAGONAL CRIMPING	SECTION (mm²)	CODE	DIE SET PART №	WIDTH (mm)		ADAPTOR	DIE SET PART №	WIDTH (mm)	
JU			7.07 (30/10)	E54	80389	18			80389	18	
			9.9 (35/10)	E68	30346	18			30346	18	
			10.8								
			12.56 (40/10)								
			12.4	E72	30347	10					
			14.1								
			15.9 (45/10)								
			19.6 (50/10)								
			17.8	E83	30348	18					
			22								
			27.6								
			28.26 (60/10)	E100	80390	18					
			29.3								
			38.2								
			38.46 (70/10)								
			48.3	E120	80152	18					
			59.7	E173	30353	14					
			74.9								
			93.3								
			116	E215	30580	9					
			146								
			182	E230	30357	10					
JL - CN2AA CN2AU. - CNAAC - ABT. - CB CBO. - RDB QN2AU. - AT - AB - AR - LR - ALR			22	E100	80390	18			80390	18	
ALU. CRIMPING	JAR - JALR - JLR		34.4	E120	80152	18			80152	18	
			43.1	E140	30352	14			30352	14	
			54.6								
			75.5	E173	30353	14			30353	14	
			93.3								
			117	E210	30355	10			30355	10	
			148	E230	30357	10			30357	10	
			181.6	E250	30250	5			30250	5	
			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								
			181.6	E250	80453	5			80453	5	
			228	E280	30360	5			30360	5	





COPPER OR ALUMINUM SECTORIAL CABLE		LV/HV BARE OVERHEAD LINE		ALUMINUM/STEEL CONDUCTORS		H130	
						BPP130U XH130	
						C130-XX BPE130	
HEXAGONAL CRIMPING	SECTION (mm²)	CODE	DIE SET PART №	WIDTH (mm)			
		JAR - JALR - JLR	17.8	E54	30345	10	
			22				
			27.8				
			34.4				
			43.1				
			37.7	E72	30347	10	
			54.6				
			69.3				
			88				
			58.9	E100	30349	10	
			80				
			59.7	E120	30351	9	
			75.5				
			116.2				
			147.1				
STEEL CRIMPING		181.6	E135	80452	5		
		228	E160				
PRE-ROUNDING	SECTION (mm²)						
		6					
		10					
		16					
		25		84134	35		
		35		84135	35		
		50		84136	35		
		70		30518	60		
		95		84137	35		
		120		30519	60		
		150		84138	35		
		185		30520	60		
		240		84139	35		
		300		30521	70		
		400		84140	35		
		500		30522	70		
		630		84141	35		
				30523	75		
				84142	35		
				30524	75		
				80449	60		



		D31	D36	D51	D62	D80
		BPE031	BPE036	BPL055	BPE062	BPP080
		BPL031	BPL036		BPL062	
				XD51	XD62	
		SECTION (mm ²)	CODE	DIE SET PART № WIDTH (mm)	DIE SET PART № WIDTH (mm)	DIE SET PART № WIDTH (mm)
		copper	alu.			
DIN 48.083						
4		KZ 4	02495	5	02402	5
6		KZ 5	02513	5	02394	5
10		KZ 6	02521	5	02395	5
		KZ 7				
16		KZ 8	02526	5	02396	5
		KZ 9				
25		KZ 10	02527	5	02397	5
		KZ 11				
35	25	KZ 12	02552	5	02398	5
50	35	KZ 14	02455	5	02399	5
70	50	KZ 16	02421	5	02400	5
95	70	KZ 18	02558	5	02401	5
		KZ 19				
120		KZ 20			02403	4
		KZ 21				
150	95&120	KZ 22			02512	4
		KZ 23				
185	150	KZ 25				
240	185	KZ 28				
		KZ 32				

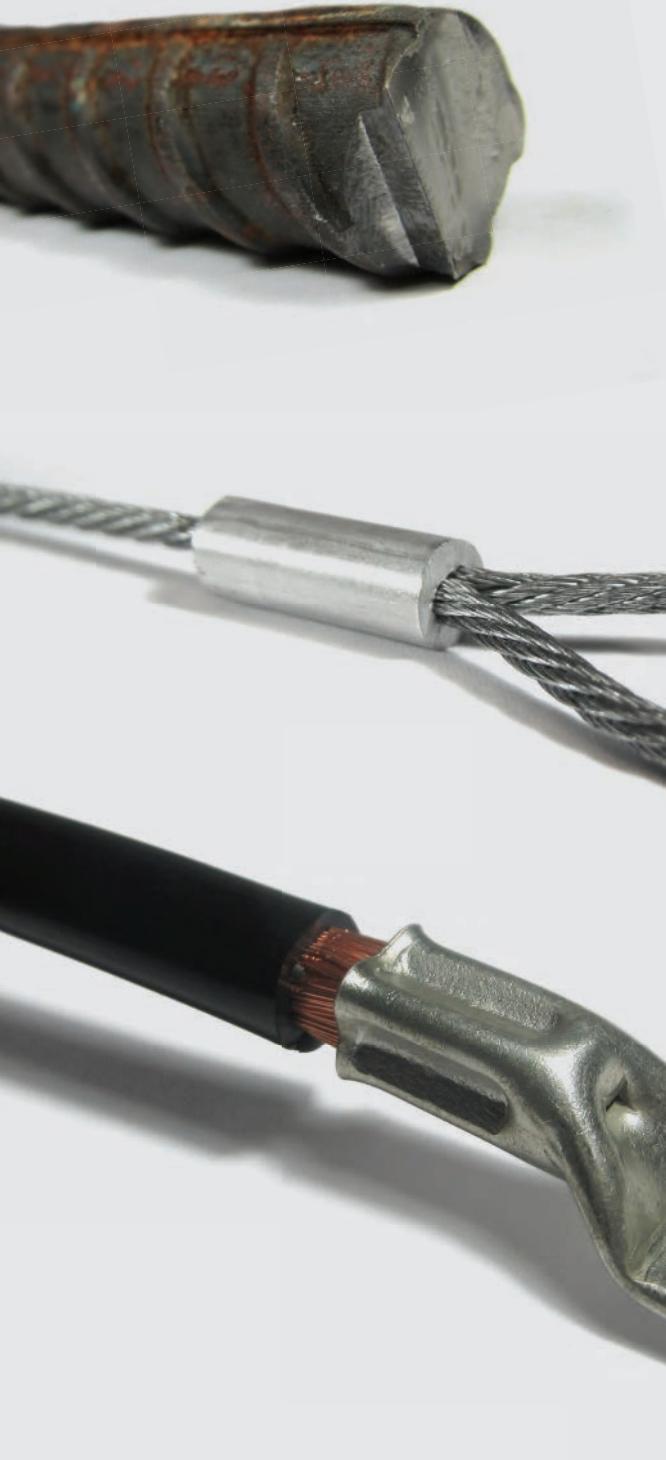
LV UNDERGROUND LINE		AL & CU/AL SLEEVES & LUGS		H130 BPP130U XH130		XU250				
DEEP INDENTING	SECTION (mm ²)	CODE	DIE SET PART №		DIE SET PART №		DIE SET PART №			
			RJA - RJAU		30861		30865			
			MJAU - CA		30392		30861			
			CAU - QAU		30862		30865			
			EAU - XCX		30393		30862			
			XLX - XD - XG		30863		30866			
			XB		30867		30393			
			16		30864		30867			
			30865		30868		30868			
			30866		30869		30869			
			30867		30870		30870			
			30868		30871		30871			
			30869		30872		30872			
			30870		30873		30873			
			30871		30874		30874			
			30872		30875		30875			
			30873		30876		30876			
			30874		30877		30877			
			30875		30878		30878			
			30876		30879		30879			
			30877		30880		30880			
			30878		30881		30881			
			30879		30882		30882			
			30880		30883		30883			
			30881		30884		30884			
			30882		30885		30885			
			30883		30886		30886			
			30884		30887		30887			
			30885		30888		30888			
			30886		30889		30889			
			30887		30890		30890			
			30888		30891		30891			
			30889		30892		30892			
			30890		30893		30893			
			30891		30894		30894			
			30892		30895		30895			
			30893		30896		30896			
			30894		30897		30897			
			30895		30898		30898			
			30896		30899		30899			
			30897		30900		30900			
			30898		30901		30901			
			30899		30902		30902			
			30900		30903		30903			
			30901		30904		30904			
			30902		30905		30905			
			30903		30906		30906			
			30904		30907		30907			
			30905		30908		30908			
			30906		30909		30909			
			30907		30910		30910			
			30908		30911		30911			
			30909		30912		30912			
			30910		30913		30913			
			30911		30914		30914			
			30912		30915		30915			
			30913		30916		30916			
			30914		30917		30917			
			30915		30918		30918			
			30916		30919		30919			
			30917		30920		30920			
			30918		30921		30921			
			30919		30922		30922			
			30920		30923		30923			
			30921		30924		30924			
			30922		30925		30925			
			30923		30926		30926			
			30924		30927		30927			
			30925		30928		30928			
			30926		30929		30929			
			30927		30930		30930			
			30928		30931		30931			
			30929		30932		30932			
			30930		30933		30933			
			30931		30934		30934			
			30932		30935		30935			
			30933		30936		30936			
			30934		30937		30937			
			30935		30938		30938			
			30936		30939		30939			
			30937		30940		30940			
			30938		30941		30941			
			30939		30942		30942			
			30940		30943		30943			
			30941		30944		30944			
			30942		30945		30945			
			30943		30946		30946			
			30944		30947		30947			
			30945		30948		30948			
			30946		30949		30949			
			30947							



	HEXAGONAL CRIMPING	SECTION (mm²)		CODE	C130-XX BPE130	BPP130X XC130-XX	XH250	XH450	
		copper	alu.		DIE SET PART N°				
DIN 48.083		10		KZ 6	30610	12	30252	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	
				KZ 15	30613	12	30656	14	
		70	50	KZ 16	30302	12	30263	12	
				KZ 17			77257	14	
		95	70	KZ 18	30303	12	30264	12	
				KZ 19	30614	12			
		120		KZ 20	30304	12	30265	12	
				KZ 21	30615	12	30655	14	
		150	95&120	KZ 22	30305	14	30266	14	
		185	150	KZ 25	30306	14	30267	14	
				KZ 27	30375	14			
		240	185	KZ 28	30307	14	30269	14	
				KZ 30	30308	5	30269	16	
		300	240	KZ 32	30309	5	30270	16	
			300	KZ 34	30616	5	30271	16	
		400	400	KZ 38	77453	9			
				KZ 38	78166	18			
				KZ 40					
		500		KZ 42			30272	16	
		630	500	KZ 44			30273	16	
		manchon acier		KZ 46				30642	18
		800	630	KZ 52				30643	18
		1000	800	KZ 58				77180	28
				KZ 60				30644	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

SPECIAL
TOOLS

DIELESS
TOOLS



ES51

P.100



PO50 (PUNCHING TOOL)

P.101



MK31 (SLEEVING TOOL)

P.102



BPP1301 (SLEEVING TOOL)

P.103



BCP20R (REBAR CUTTER)

P.104



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 "clic".
- Piston retraction by release trigger.

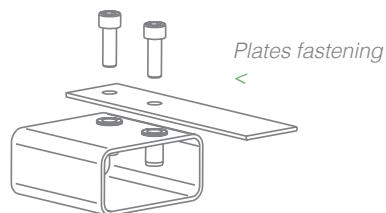


DIMENSIONS (L x l x h in mm)	560 x 180 x 100
WEIGHT	2.740 kg
PART №	30172V (as option)

ADJUSTABLE STROKE	0 to 7 mm
FORCE	50 kN
DIMENSIONS (L x l x h in mm)	380 x 135 x 55
WEIGHT	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



TYPE	DRAW STUD PART №	COUNTER NUT PART №	ANVIL NOSE PART №	PART № FOR COMPLETE SET
M6	30174		30175	30809
M8	30154		30150	30810
M10	30153		30149	30811
M12	30152	30146	30148	30812
M14	30151		30147	30813
M16 *	30215		30214	30829

* Possible on OTALU (Rivklé) and SIMAF (Serblloc) 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 a 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 Ø 9,5 or 19 mm, and standard punches/dies.

REMOVABLE HANDLE

To work in restrictive areas.

AUTOMATIC PRESSURE RELEASE

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

> Reduction sleeve, ring, and key supplied with tool.



STROKE	21 mm
FORCE	50 kN
DIMENSIONS (L × I × h in mm)	350 × 130 × 55
WEIGHT	2.700 kg



MAX. THICKNESS OF PLATES (mm)

Diameters (Ø)	Aluminum	Steel	Stainless steel
Ø 96	3	2 – 2.5	1.5
Ø 75	3 – 3.5	2.5 – 3	2
Ø 60	3.5 – 4	3	2 – 2.5

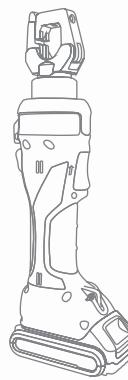
> List of punches/dies, **on request**.



DIMENSIONS (L × I × h in mm)	560 × 180 × 100
WEIGHT	2.740 kg
PART №	30172V (as option)

TIRANT Ø 19 mm ¾	PART № 30198
TIRANT Ø 9,5 mm ⅝	PART № 30199





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



MK31

HAND HYDRAULIC SLEEVING TOOL

LIGHT & POWERFUL TOOL

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

AUTOMATIC PRESSURE RELEASE

With audible "clic".
Piston retraction by release trigger.



DIMENSIONS (L × I × h in mm) 350 × 260 × 85

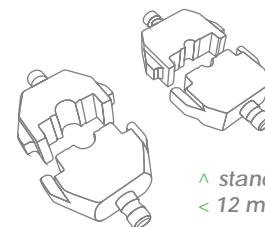
WEIGHT 0.740 kg

> Delivered with the tool.

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

FORCE	8 mm
STROKE	35 kN
DIMENSIONS (L × I × h in mm)	200 × 50 × 175
WEIGHT	1.540 kg

- Applications in marine, building (*architecture*), adventure parks...
- Sleaving 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	M1.5	02438	1		
1.2 – 1.6	2	M2	02440	2	02476	1
1.7 – 2.1	2.5	M2.5	02442	2	02478	1
2.2 – 2.6	3	M3	02444	2	02480	1 or 2
2.7 – 3.1	3.5	M3.5	02472	2	02482	2
3.2 – 3.6	4	M4	02446	3	02484	2
3.7 – 4.2	4.5	M4.5	02474	4		
4.3 – 4.6	5	M5	02448	4		
4.7 – 5.5	6	M6	02450	5		

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

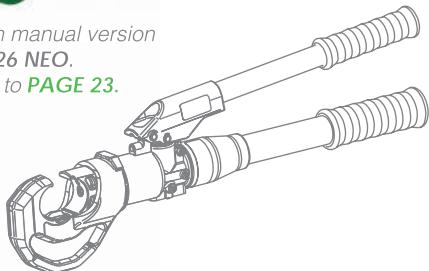
- Flash-grooves

NEOELEC™
BPP1301

**HYDRAULIC
SLEEVING TOOL**



Exists in manual version
C130-26 NEO.
> Refer to [PAGE 23](#).

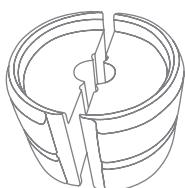


ERGONOMIC & WELL-BALANCED TOOL



ADVANCED FUNCTIONS BY ELECTRONIC CARD

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



Die sets
M1.5 > M5



FORCE	130 kN
BATTERY	18 V Li-Ion 4,0 Ah
CRIMPING TIME	9 s
BATTERY CAPACITY	150 crimps
DIMENSIONS (L x l x h en mm)	430 x 75 x 310
WEIGHT	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 N°	SLEEVING
0.9 – 1.1	1.5	M1.5	30405	1
1.2 – 1.6	2	M2	30406	1
1.7 – 2.1	2.5	M2.5	30407	1
2.2 – 2.6	3	M3	30408	1
2.7 – 3.1	3.5	M3.5	30502	1
3.2 – 3.6	4	M4	30409	1
3.7 – 4.2	4.5	M4.5	30410	1
4.3 – 4.6	5	M5	30411	1

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



**NEOELEC™
BCP20R**

HYDRAULIC BATTERY OPERATED
REBAR CUTTER



LIGHT & PORTABLE TOOL - BATTERY 18 V 4.0 Ah Li-ION

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

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

To avoid damages on blades.

INTERCHANGEABLE BLADES, SPECIAL TREATMENT

Easy to replace and use.

CLEAN CUT, WITHOUT ANY RISK FOR OPERATOR

No sparks.



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
>



FORCE	130 kN
BATTERY	18 V Li-Ion 4.0 Ah
CUTTING TIME	9 s
BATTERY CAPACITY	Ø 10 mm 200 cuts
	Ø 16 mm 120 cuts
DIMENSIONS (mm)	430 × 90 × 310
WEIGHT	7 kg



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

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

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

> Rebar cut with the battery operated tool BCP20R.



* WITHOUT DIES WHAT EVER IS THE SECTION.



CE

**NEOELEC™
BPP0500***

BATTERY OPERATED HYDRAULIC
DIELESS CRIMPING TOOL OPEN
TYPE

NEW

4 INDENT CRIMPING CU/AL
10 > 240 mm²



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



ROTATIVE HEAD
360°

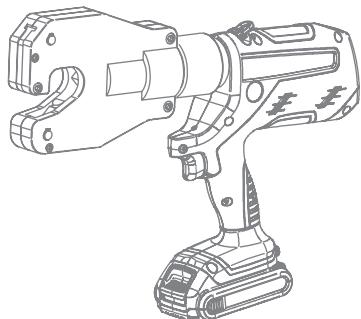


2 SPEEDS HYDRAULIC SYSTEM
For a fast advance.



INSULATED HEAD
> As an option.

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



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.

> 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.

DUBUIS

BPP050F*

BATTERY OPERATED HYDRAULIC DIELESS CRIMPING TOOL FLIP TOP TYPE

NEW

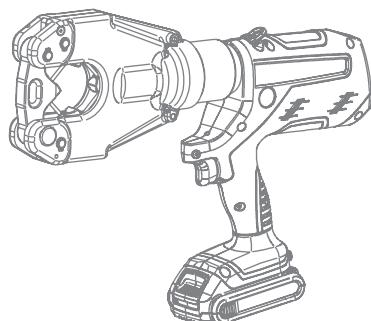
4 INDENT CRIMPING
6 > 400 aluminum
6 > 300 copper

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

ROTATIVE HEAD
360°

2 SPEEDS HYDRAULIC SYSTEM
For a fast advance.

STROKE	32 mm
FORCE	50 kN
CRIMPING TIME (depending on section)	5 to 7 s
BATTERY CAPACITY (for 350 MCM lug (185 mm ²))	340 crimps
DIMENSIONS (L × I × h in mm)	450 × 340 × 75
WEIGHT (with battery)	6.100 kg



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

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



DIMENSIONS (mm)	471 × 415 × 116
WEIGHT	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	BPE031, BPL031
– PART № 300342	– 300342-DIG
D36, D36-Elec	BPE036, BPL036
– PART № 300436	– 300436-DIG
D62, D62-Elec	BPL062, BPP062
– PART № 300234	– 300234-DIG
C130, C130-Elec, H130, H130-Elec	BPP130
– PART № 30910-1	– 30910-DIG

- > By removing the tool head.

D51, D55 Elec	BPE055, BPL055
– PART № 300405	– 300405-DIG



MANOMETERS FOR POWER PACKS

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

- GHA702, BGH700, PHE705, PHE706, PHP700
- **PART № 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.

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.

17 - 19 Rue Jules Berthonneau

C.S. 73406 - ZI de Villebarou

41034 BLOIS CEDEX

FRANCE

Tél. : +33 (0) 2 54 52 40 00

Fax : +33 (0) 2 54 52 40 34

Email : commercial@dubuis.com

www.dubuis.com



LAT. : N 47°36'30"
LONG. : E 01°18'15"

This catalog is property of Dubuis.

Any reproduction even partial is strictly forbidden without consent of Dubuis.

Dubuis reserves the right to make modifications without any prior warning.

Print : Rollin imprimerie

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

STANLEY
DUBUIS