14.4 V CORDLESS HYDRAULIC CRIMPING TOOL

B 131-C

general features

Crimping force kN	Dimensions mm			Battery	Weight kg (with battery)
	length	height	width		
130	420	250	100	14,4 V 3.0 Ah	7,4

DOUBLE ACTION SPEED — 14.4V 3.0Ah Ni-MH

MAIN APPLICATIONS - max section mm²			
L.V. lugs and splices	Insulated terminals	"C" sleeve Connectors	H.V. lugs and splices
400	240	185	400

STORAGE				
Type	Dimensions mm	Weight kg	Supplied with the tool	Available upon request
VAL P19	542x412xh197	3,2	❊	—

Available upon request:
- *ESC600 cable for connection to a 12V dc external power supply/vehicle battery length 6 m.*

The tool is supplied with:
- *Basic tool complete with battery and shoulder strap*
- *Spare battery*
- *Battery charger*
- *Plastic carrying case suitable for storing the tool and 14 sets of semi-circular slotted dies*

- 14.4 V cordless hydraulic crimping tool, lightweight and balanced for single hand operation. This tool will accept all semi-circular slotted dies, common to most 130 kN tools.
- The tool features a double speed action: a fast advancing speed for rapid approach of the dies to the connector and a slower more powerful speed for crimping.
- For ease of operation and comfort of the operator the tool head can be fully rotated through 180 degrees.
- The tool is powered by 14.4 V dc Ni-MH battery.
- A balanced tool for optimum control.
- Quiet in operation with very little vibration.
- Lightweight construction enables the operator to hold the tool in one hand and to position the connector with the other hand.
- The operating buttons, crimp/release, are mechanically interlocked, to prevent accidental operation of the tool.
- A microprocessor controls the tool operation and automatically cuts out the motor, on completion of the crimping operation, saving energy and extending battery life.
- The residual battery capacity is automatically displayed after every cycle.
- Fitted with an integral socket, for connection to a 12 V dc external power supply/vehicle battery.
- The tool is provided with a maximum pressure valve.

B 131-C-KV version also available for Power Supply Companies

B 131L-C

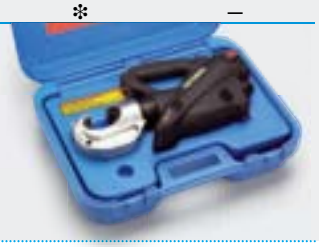
general features

Crimping force kN	Dimensions mm			Battery	Weight kg (with battery)
	length	height	width		
130	460	250	100	14,4 V 3.0 Ah	8,2

DOUBLE ACTION SPEED — 14.4V 3.0Ah Ni-MH

MAIN APPLICATIONS - max section mm²			
L.V. lugs and splices	Insulated terminals	"C" sleeve Connectors	H.V. lugs and splices
400	240	185	400

STORAGE				
Type	Dimensions mm	Weight kg	Supplied with the tool	Available upon request
VAL P19	542x412xh197	3,2	❊	—



Also available in the B131L-C version, featuring a large 42 mm jaw opening, for an easier introduction/ removal of large size compression terminations and joints.

These tools are supplied without dies. For die selection, please refer to chart on pages 142 to 146

14.4 V CORDLESS HYDRAULIC CRIMPING TOOL

B 131-UC

general features

Crimping force kN	Dimensions mm			Battery	Weight kg (with battery)
	length	*height*	*width*		
130	435	250	100	14,4 V 3.0 Ah	7,4

MAIN APPLICATIONS - max section mm²				
L.V. lugs and splices	Insulated terminals	"C" sleeve Connectors	H.V. lugs and splices	Alu lugs and splices
400	240	185	400	300

STORAGE				
Type	Dimensions mm	Weight kg	Supplied with the tool	Available upon request
VAL P19	542x412xh197	3,2	❄	—

The tool is supplied with:
- *Basic tool complete with battery and shoulder strap*
- *Spare battery*
- *Battery charger*
- *Plastic carrying case suitable for storing the tool and 14 sets of semi-circular slotted dies*

Available upon request:
- *ESC600 cable for connection to a 12V dc external power supply/vehicle battery length 6 m.*

- 14.4 V cordless hydraulic crimping tool, lightweight and balanced for single hand operation. This tool will accept the accessories for performing the "Deep Stepped Indent" system of crimping on aluminium cables.
- This tool will also accept the semi-circular slotted dies, common to most 130 kN tools.
- The tool features a double speed action: a fast advancing speed for rapid approach of the dies to the connector and a slower more powerful speed for crimping.
- For ease of operation and comfort of the operator the tool head can be fully rotated through 180 degrees.
- The tool is powered by 14.4 V dc Ni-MH battery.
- A balanced tool for optimum control.
- Quiet in operation with very little vibration.
- Lightweight construction enables the operator to hold the tool in one hand and to position the connector with the other hand.
- The operating buttons, crimp/release, are mechanically interlocked, to prevent accidental operation of the tool.
- A microprocessor controls the tool operation and automatically cuts out the motor, on completion of the crimping operation, saving energy and extending battery life.
- The residual battery capacity is automatically displayed after every cycle.
- Fitted with an integral socket, for connection to a 12 V dc external power supply/vehicle battery.
- The tool is provided with a maximum pressure valve.

Motor ventilation

Battery condition display

High power battery

Socket for 12÷14.4 V dc external power supply

Operating and pressure release buttons mechanically interlocked

Easy to operate with only one hand

Cable type ESC600

These tools are supplied without dies. For die selection, please refer to chart on pages 142 to 146

14.4 V CORDLESS TOOL FEATURES

- *Cordless tooling can be operated with one hand.*
- *Balanced tool for greater control.*
- *Head rotates for ease of operation in confined spaces.*
- *Battery condition displayed after every crimping operation, to show the residual battery power.*
- *The tools are fitted with a maximum pressure valve to indicate a correct crimping operation or the full extent of the blade travel.*
- *Extremely quiet in operation with very little vibration.*
- *Durable moulded body offering high resistance to wear and damage in all operating conditions.*
- *The plastic or steel carrying case can accomodate the tool and all the accessories.*
- *The B51, B135-C, B135L-C, B135-UC, B131-C, B131L-C and B131-UC will accept die sets common to the Cembre 50 and 130 kN tooling range.*
- ***Common features:***

DOUBLE ACTION SPEED — ***double speed action: a rapid approach speed and a slower more powerful speed for crimping or cutting.***

14.4V 3.0Ah Ni-MH — ***new more powerful Ni-MH battery 14.4V - 3.0Ah; 50% more energy, less memory effect, better environmental compatibility.***

SUPPLIED WITH

1. **CB 1430H** 14.4 V 3.0 Ah Ni-MH high power battery (2 pcs.).
2. **CFC 230** Battery charger.
3. Shoulder strap.

- Plastic/Metal carrying case suitable for storage of the tool, accessories and dies (depending on tool type).

OPTIONAL ACCESSORIES

4. **BPS 230.14** mains power supply.
   Main features: INPUT 230V~ 50-60Hz; OUTPUT 14,4V⎓ thermal and short circuit protection.
   Current supply: up to 5A continuous use; 20A for 50 s; 30A for 8 s.
5. **ESC 600** cable for connection to a 12V DC external power supply/vehicle battery length 6 m (suitable only for tools with 12V DC socket).
6. **CFC 12-24IC** car battery charger.
   (INPUT 12-24 V DC; OUTPUT 9.6-14.4 V DC)

B 51 Acoustic Noise

(Directive 2006/42/EC, annexe 1, point 1.7.4.2 letter u)

- *The weighted continuous acoustic pressure level equivalent A at the workplace L_{pA} is equal to **75 dB (A)***
- *The maximum value of the weighted acoustic displacement pressure C at the workplace L_{pCpeak} is less than **< 130 dB (C)***
- *The acoustic power level emitted by the machine L_{WA} is equal to **85.3 dB (A)***

B 131-C Acoustic Noise

(Directive 2006/42/EC, annexe 1, point 1.7.4.2 letter u)

- *The weighted continuous acoustic pressure level equivalent A at the workplace L_{pA} is equal to **72.4 dB (A)***
- *The maximum value of the weighted acoustic displacement pressure C at the workplace L_{pCpeak} is less than **< 130 dB (C)***
- *The acoustic power level emitted by the machine L_{WA} is equal to **83.1 dB (A)***

Risks due to vibration

(Directive 2006/42/EC, annexe 1, point 2.2.1.1)

*Tests performed in accordance with specifications UNI ENV 25349 and UNI EN 28662 pt. 1, in operating conditions more severe than normal, **certify that the weighted root mean square, in frequency of the acceleration the upper limbs are exposed to, for each biodynamic reference axis, does not exceed 2.5 m/sec²**.*