14.4 V CORDLESS HYDRAULIC CRIMPING TOOL

B 51

general features

Crimping force kN	Dimensions mm			Battery Ni-MH	Weight kg (with battery)
	length	height	width		
50	297	302	94	14,4 V 3.0 Ah	4,0

DOUBLE ACTION SPEED

14.4V 3.0Ah Ni-MH

MAIN APPLICATIONS - max section mm²			
L.V. lugs and splices	Insulated terminals	End sleeves	"C" sleeve Connectors
240	70	120	70

STORAGE				
Type	Dimensions mm	Weight kg	Supplied with the tool	Available upon request
VAL P5	543x412xh130	2,3	❄	—

The tool is supplied with:

- *Basic tool with battery, wrist strap and shoulder strap*
- *Spare battery*
- *Battery charger*
- *Plastic carrying case suitable for storing 21 die sets*

14.4 V cordless hydraulic crimping tool, lightweight and balanced for single hand operation.
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.
The crimping head can rotate through 180° for ease of operation.

The B 51 will accept die sets common to the Cembre 50 kN tooling range.
Fitted with a maximum hydraulic pressure valve.
Complete with a battery condition display, which after every operation indicates the residual battery power.
Extremely quiet in operation, with very little vibration. Ergonomically designed with a sculptured body for operator comfort.

B 51-KV version also available for Power Supply Companies

Lightweight and balanced

Motor ventilation

Battery condition display

Switch protected against accidental operation

Automatic slot-in battery

These tools are supplied without dies. For die selection, please refer to chart on pages 144 to 150

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 weighed 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**.*