



# CEMBRE

## 130kN BATTERY-OPERATED CRIMPING TOOLS

THE RELIABLE SOLUTION FOR COPPER AND ALUMINIUM CONNECTIONS



## 130kN / INTEGRATED SYSTEM



**Rely on the safety provided by a fully integrated connection system.**

For over 50 years, CEMBRE stands for outstanding development and production of integrated electric connection systems, recognized for their quality, reliability and performance.

Our integrated system is based on three key elements - **tools, dies and connectors** - designed to work in perfect synergy, and ensure a stable, safe and long-lasting connection.

We continuously invest in R&D to maintain the highest quality standards and to anticipate emerging market trends, delivering ever-more advanced solutions.

Our tools are designed to be **ergonomic, reliable and easy to use**, and to support workers in their job, by ensuring a quick and accurate intervention.

Our 130 kN tool dies are designed to reach the optimal compression on different connector types, in compliance with leading international standards: **CEI EN 61238-1-3, UL 486A-486B and UL 486F.**



## 130kN / HIGHLIGHTS

- **RELIABLE**, no calibration required
- **ACCURATE**, constant nominal crimping force
- **QUICK**, double speed pumping system
- **ROBUST**, steel body and mechanical transmission
- **ERGONOMIC**, perfectly balanced for suspended or workbench tasks
- **CERTIFIABLE**, with an easy to download and install software
- **WHY A 130kN TOOL?** CEMBRE 130kN tools are the perfect solution for 150-400mm<sup>2</sup> connections, because they require shorter installation times compared to 60kN tools, thanks to their larger impression die.



# 130kN / COMPRESSION UNDER CONTROL



## RELIABLE

Lifetime-guaranteed steel body, metal bearing transmission to reduce friction to a minimum, forged steel head that will endure more than 30,000 cycles. O-LED display showing the instant pressure and the number of cycles left before maintenance is required.



## ACCURATE

The EPS (Electronic Pressure Sensor) + SMART TECHNOLOGY function ensure precision and repeatability, with no calibration required.



## QUICK

The double-speed system helps the piston close in faster, at low pressure, and then switches automatically to high pressure as soon as it touches the connector.



## ROBUST

Two-component plastic shells to withstand shocks and improve the grip on the tool.



## ERGONOMIC

The shells are shaped to improve the grip for both workbench tasks and aerial applications.



## CERTIFIABLE

With the software - available on the website - you can certify the tools and download operational data for each compression cycle.



# 130kN / A COMPLETE RANGE

Type		Head opening	Design
	B1350-C		 <p>Ideal for overhead and workbench tasks</p>
	B1350L-C		
	B1300-C		 <p>Ideal for workbench and overhead tasks</p>
	B1300L-C		



### Standard equipment:

- Base tool, shoulder strap
- 2xCAS 5.2 Ah-18V batteries
- Battery charger
- USB cable
- Case for storing the tool and its accessories

# 130kN / THE CONNECTORS

**A-M**



COMPRESSION CABLE LUGS



**DR-N**



COMPRESSION CABLE LUGS  
ACCORDING TO DIN 46235



**HR-N**



COMPRESSION CABLE LUGS



**T-M**



COMPRESSION CABLE LUGS  
ACCORDING TO NF C 20-130

**Q**



COMPRESSION CABLE LUGS  
ACCORDING TO DIN 46234

**C  
BSCL**



COLOR CODED CABLE LUGS  
AND JOINTS



COPPER

**ANE-M**



PRE-INSULATED CABLE LUGS IN PA6.6



**CCC-M**



ROLLING STOCK CABLE LUGS

**CA-M/N, PT**



OVERHEAD LINE COPPER  
CABLE LUGS AND JOINTS

**MT, CA**



MEDIUM-VOLTAGE  
CABLE LUGS AND JOINTS

**C-C, H-H, DK-M**



EARTHING  
CONNECTORS

**AAD, DSVA**



ALUMINUM CABLE LUGS  
AND JOINTS ACCORDING  
TO DIN46329 and  
DIN46267/2 AND BI-  
METALLIC CABLE LUGS  
ACCORDING TO DIN46329













































**AA-M, CAA-M,  
CBMC**



ALUMINUM AND BI-  
METALLIC CONNECTORS

COPPER

ALUMINIUM

Material/Application		Country	Connector Type	Conductor Cross-Section mm <sup>2</sup>	Die Type	Impression Type				
COPPER	POWER CONNECTIONS		A-M; L-M		10 - 400	ME..-C				
			DR-N; DSV		6 - 300	MK..-C				
			HR-N; HSV		10 - 400	MH..-C				
			T-M; L-T		6 - 400	MS..-C				
			Q		10 - 240	MQ..-C				
			C; CL; CL-D; BSCL		8 AWG - 750 MCM	MY..-C				
	EARTHING CONNECTIONS			ANE; IN; EN		10 - 240	MNRF..-C			
				ROLLING STOCK	CCC		16 - 50	MCCC-C		
				COPPER OVERHEAD LINES		CA-M/N; PT		10 - 150	M..-C	
				MEDIUM-VOLTAGE		MT; CA		25 - 315	MMT..-C	
					C-C		10 - 185	MC..-C		
					H-H		70 - 120	MRH..-C		
ALUMINIUM			DK-M		2X50 - 2X120	MRD..-C				
			AA-D; DSVA;		10 - 300	MK..-C				
			AA-M; CAA-M; MTA; MTMA		10 - 300	MK..-C				
			CBMC		35 - 300	M...2x9-C				
			PRE-ROUNDER		6.3 - 22.5	UP..-C				



[www.cembre.com](http://www.cembre.com)



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