



CEMBRE

12 TON BATTERY-OPERATED CRIMPING TOOLS

THE RELIABLE SOLUTION FOR COPPER AND ALUMINUM CONNECTIONS



12 TON / 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 constantly promote R&D to keep the highest quality standards, and anticipate new market trends, by offering increasingly performing 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 12 ton 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.**



12 TON / 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 12 TON TOOL?** CEMBRE 12 ton tools are the perfect solution for 250-800 MCM connections, because they require shorter installation times compared to 6 tons tools, thanks to their larger impression die.



12 TON / COMPRESSION UNDER CONTROL



RELIABLE

Lifetime-guaranteed steel body, metal bearing transmission to reduce friction to a minimum, forged steel heat 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.



12 TON / A COMPLETE RANGE

Type		Head opening	Design
	B1350-C		 <p data-bbox="1227 552 1374 603">Ideal for overhead tasks</p>
	B1350L-C		
	B1300-C		 <p data-bbox="1243 978 1358 1029">Ideal for workbench</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

12 TON / THE CONNECTORS

COPPER

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



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

ALUMINUM

12 TON / THE DIES



Material/Application		Country	Connector Type	Conductor Cross-Section AWG	Die Type	Impression Type		
COPPER	POWER CONNECTIONS		A-M; L-M		8 - 750 MCM	ME..-C		
			DR-N; DSV		10 - 600 MCM	MK..-C		
			HR-N; HSV		8 - 750 MCM	MH..-C		
			T-M; L-T		10 - 750 MCM	MS..-C		
			Q		8 - 500 MCM	MQ..-C		
			C; CL; CL-D; BSCL		8 - 750 MCM	MY..-C		
	EARTHING CONNECTIONS	ROLLING STOCK		ANE; IN; EN		8 - 500 MCM	MNRF..-C	
				CCC		6 - 1 AWG	MCCC-C	
				CA-M		8 - 1 AWG	M..-C	
		MEDIUM-VOLTAGE		MT; CA		4 - 600 MCM	MMT..-C	
				C-C		8 - 350 MCM	MC..-C	
				H-H		2/0 - 4/0 AWG	MRH..-C	
ALUMINUM			DK-M		2X 1/0 - 2X 250 MCM	MRD..-C		
			AA-D; DSVA;		8 - 600 MCM	MK..-C		
			AA-M; CAA-M; MTA; MTMA		10 - 600 MCM	MK..-C		
			CBMC		2 - 600 MCM	M...2x9-C		
			PRE-ROUNDER		0.25 - 0.89 in.	UP..-C		

Cod. 6263178



www.cembre.com



CEMBRE S.p.A.

via Serenissima, 9
25135 Brescia
Italy
Ph +39 030 36921
ufficio.vendite@cembre.com
sales@cembre.com

CEMBRE, S.L.U

Calle Verano 6 y 8
Pl Las Monjas
28850 Torrejón de Ardoz
Madrid
Spain
Ph +34 91 4852580
comercial@cembre.es

CEMBRE Ltd.

Dunton Park,
Kingsbury Road
Curdworth,
Sutton Coldfield
West Midlands, B76 9EB
United Kingdom
Ph +44 01675 470440
sales@cembre.co.uk

CEMBRE IE

Unit 9, Airport Trade Park
Santry, co.
Dublin
Ireland
sales@cembre.ie

CEMBRE S.A.R.L.

Tour Part-Dieu
129 rue Servient
69003 Lyon
France
Tel +33 04 20 93 01 70
info@cembre.fr

CEMBRE, INC.

Raritan Center Business Park
300 Columbus Circle-Suite F,
Edison, NJ 08837 USA
Ph +1 (732) 225-7415
sales.us@cembre.com

CEMBRE B.V.

Luchthavenweg 53
5657EA Eindhoven
The Netherlands
Ph +31 (0) 40 311 1937
info@cembre.nl

**Cembre Electrical
Connections Shanghai Limited**

Room 2111,
Jin Hang Mansion, NO.83
Wan Hang Du Road
Jing An District
Shanghai
Ph +86-2160195778
info@cembre.cn
sales@cembre.cn

CEMBRE GmbH

Geschäftsbereich
Energie- und Bahntechnik
Heidemannstr. 166
80939 München - Germany
Ph + 49 89-3580676
info@cembre.de

Geschäftsbereich
Industrie und Handel
Boschstraße 7
71384 Weinstadt - Germany
Ph +49 7151-20536-60
info-w@cembre.de

