



**CEMBRE**

Full connection & identification  
systems for rolling stock



## 100% CEMBRE. FOLLOW THE CABLE APPROACH FOR HIGH QUALITY SOLUTIONS

CEMBRE products are used for **wiring in train carriages and locomotives**. Some of these have been specifically designed in order to guarantee maximum performance in the specific area of use, for example, the insulated, reinforced and vibrating-resistant crimp terminals.

Many CEMBRE products used in the railway sector comply with the EN 45545-2 standard, as they have received the Fire-smoke certification. Following specific laboratory tests, this certifies the fire behavior of materials and products used on railway vehicles.



CEMBRE offers solutions dedicated to the management of electrical cables for the railway sector

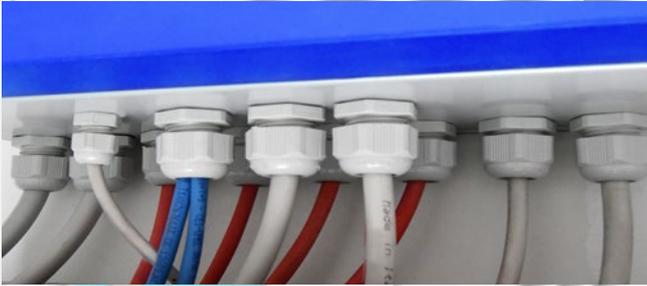


CEMBRE has a vast range of electrical equipment used in the fitting of train carriages

CEMBRE is able to provide quality solutions for creating electrical panels



CEMBRE provides states-of-the-art certified solutions for the management of the cable; the rich offer also includes the industrial labelling and thermal transfer system



CUTTING



CRIMPING



MARKING



## THE CEMBRE INTEGRATED SYSTEM / CONNECTORS

CEMBRE ensures the best performance by providing a coordinated system of connectors, tools and related dies, thus ensuring a safe and reliable connection.



**ANE-M / ANE-P / ANE-U**  
PA6.6 insulated copper tube connectors



**PK ..**  
PA6 insulated end sleeves



**VP / RP / BP / GP**  
PC insulated crimp terminals



**A-M / A-L / A-2M**  
Uninsulated copper tube crimping lugs



**HR-N**  
Uninsulated connectors

**DR-N**  
Uninsulated connectors according to DIN 46235



**T-M / T-L**  
Uninsulated connectors according to NF C 20-130

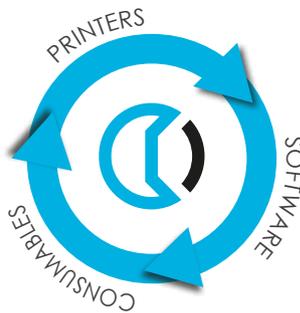
**Smartool Technology.** Data recording and intelligent control allow complete verification of operational parameters. SMARTOOL technology enables the user to store data up to 200,000 cycles on the integrated memory card for transfer to a computer via a USB cable.



# THERMAL TRANSFER TECHNOLOGY SYSTEM



MG4



Thermal Transfer Printer  
MARKINGENIUS®MG4



APP Geniuspro Mobile



**MG-PTS**    **MG-TAP**  
Push button legends

## INDEPENDENT TERMINAL BLOCK MARKING SOLUTIONS

Markers compatible with over 1000 terminal blocks currently in the market



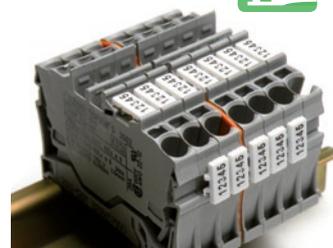
**MG-TPMF**  
Push-in



**MG-TDMO**  
Clip-on



**MG-VRT-R**  
Panels plates



**MG-CPM**  
Terminal block markers



**MG-SIGNS**  
Labels

# THERMAL TRANSFER TECHNOLOGY SYSTEM



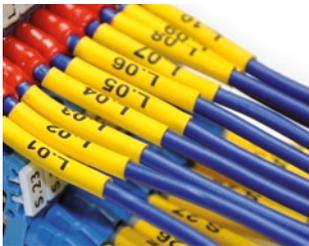
## Software GENIUSPRO®

- 15 years of continuous development based on customers requirements
- Importing from 11 x eCAD Software + Excel
- Free lifetime software updates, technical support & training
- 19 languages available

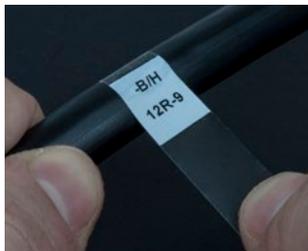
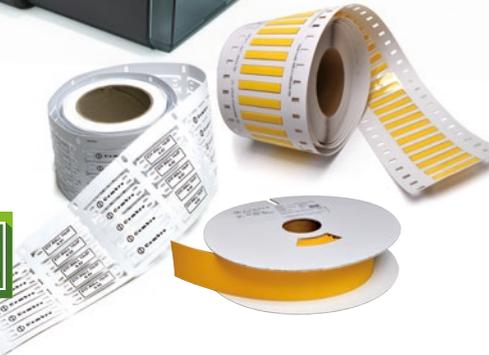
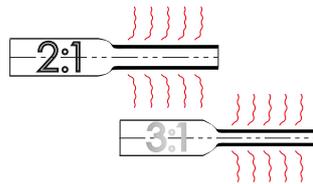


Thermal transfer printer for roll media ROLLY3000

## PRINTABLE HEAT SHRINKABLE ROLLING STOCK SOLUTIONS



**TERMO-ROLL**  
Heat shrinkable tubing



**KM-ROLL**  
Wraparound



**ETF-ROLL**  
Tie-on



**GMC-AL**  
Aluminium mounting plates

EN 45545-2 **us**

EN 50343 App. H

**SAE AS**

**LUL**  
London Underground

**MIL-STD**  
Military Standard



# THE CEMBRE INTEGRATED SYSTEM / GPT & DISTRIBUTION BLOCKS



**Robust-A**

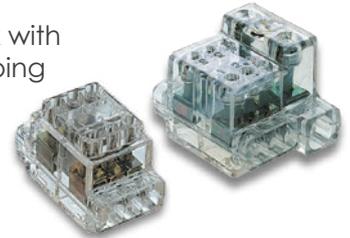


**Agil-E**



**ZETApiù®**

Single Pole  
Terminal Block with  
indirect clamping



**ZETAblock®**

Power Distribution  
Block with  
indirect clamping



CBLIGHT and  
CBLIGHT HD  
Portable LED lights

# THE CEMBRE INTEGRATED SYSTEM / CABLE GLANDS & ACCESSORIES

CEMBRE ensures the best performance by providing a coordinated system of connectors, tools and related dies, thus ensuring a safe and reliable connection.

**MAXIblock**<sup>®</sup>  
**MAXIbrass**<sup>®</sup>  
*spiralblock*<sup>®</sup>



Insulated Flexible Busbar  
and Flexible Braids



Heat-Shrinkable Tubing and  
Cable Ties



# SERVICES



**TECHNICAL EXPERTISE**



**PRODUCT CUSTOMIZATION**



**REMOTE MULTILANGUAGE ASSISTANCE**



**LOCAL SERVICE CENTERS AND PRODUCT SPECIALIST TEAM**



**DEDICATED LABORATORY TESTS**



**CEMBRE CONNECTION SYSTEM**



**TOOL CERTIFICATION SERVICE**

Cod. 6260930



[www.cembre.com](http://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 Ltd.**  
Dunton Park,  
Kingsbury Road,  
Curdworth, Salford Coldfield,  
West Midlands, B76 9EB  
United Kingdom  
Ph +44 01675 470440  
sales@cembre.co.uk

**CEMBRE S.a.r.l.**  
22 Avenue Ferdinand  
de Lesseps  
91420 Morangis Cedex  
France  
Ph +33 01 60 49 11 90  
info@cembre.fr

**CEMBRE España S.L.U.**  
Calle Verano 6 y 8  
Pl Las Manijas  
28850 Torrejón de Ardoz  
Madrid - Spain  
Ph +34 91 4852580  
comercial@cembre.com

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

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

**CEMBRE Inc.**  
Raritan Center Business Park  
300 Columbus Circle-S.F.  
Edison, NJ 08837 USA  
Ph +1 (732) 225-7415  
sales.us@cembre.com  
**Midwest Office**  
1051 Perimeter Dr #470  
Schaumburg, IL 60173

