



**LECHSYS**  
**ALL AROUND**  
**THE TRUCK!**



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LECHSYS AND ISOFAN  
TECHNOLOGIES COME  
TOGETHER TO OFFER  
SIMPLE AND HIGH-PERFORMANCE  
PAINTING SOLUTIONS  
IN THE SECTOR OF  
COMMERCIAL VEHICLES



Lechsys: **"All around the Truck"**, through the selection of some dedicated binders, enriched with the new Isofan proposal and connected to the Lechsys tintometric system, is Lechler Tech's response to the market need to improve painting processes in the sectors of commercial vehicles and Truck Refinish, bringing ever more performing technical solutions with high aesthetics and high-quality level.

Lechsys: **"All around the Truck"** presents painting processes to be selected according to the type of manufactured item, costs and application plant, with technical solutions of high quality and aesthetic value, meeting the strictest regulations. The proposed painting processes have been validated by laboratory tests through **ISO 9001:2000** quality procedures and have been confirmed by the market by means of thousands of applications, ensuring absolute reliability and safety.

**Over 6.000 colours** are at the end user's disposal: they are complete, constantly updated and realised with high resistance pigments, to safely face any colour request.

## INNOVATIVE PRODUCTS

MEETING  
THE CATEGORIES AVAILABLE  
IN THE **DIRECTIVE 2004/42/CE**  
ON EMISSIONS

## QUALITY AND SAFETY

OF THE PAINTING PROCESSES

FINISHES WITH **HIGH  
AESTHETIC LEVEL**

**COLOUR LINE  
OF THE LECHSYS SYSTEM**  
FOR GREATER FLEXIBILITY  
AND VERSATILE APPLICATION



### NEW BINDERS ISO FAN

**BINDER ISO FAN NEUTRAL 44501:**  
in the ratio 75/25 binder/tinters by volume and in the L3.75 pre-dosed can, it is proposed to obtain the most popular colours in this sector. In the ratio 60/40 binder/tinters and in the L3.0 pre-dosed can using the new six tinters with higher concentration, it is indicated for the **more critical colours in the area of yellows, reds and oranges.**

**BINDER ISO FAN WHITE 44500:**  
in the ratio 95/5 binder/tinters by volume and in the L3.80 pre-dosed can it has been conceived to **improve opacity in the area of whites and derived colours.**

### PRIMERS/PRIMER FILLERS 2K

**LS102 (29102) EPOBUILD PRIMER 2K** epoxy primer with high filling power

**LS107 (29107) EPOXYPRIMER** epoxy primer with high anticorrosive properties

**LS109 (29109) ACRIPUR PRIMER** epoxy-acrylic primer with high performance

**LS175 (29175) EPOFAN PRIMER R-EC** highest-quality epoxy primer with pigments against corrosion

**04000/04003 HI BUILD EPOXY PRIMER WHITE/GREY** high-thickness epoxy primers with the highest anticorrosive properties

**Y175100 HYDROPOX PRIMER HCR** highest anticorrosive power with low environmental impact

### ENAMELS 2K

**LS144 (29144) ISOLACK** Gloss enamel with high aesthetic aspect

**LS155 (29155) ACRITOP** Highest-quality gloss enamel

**LS164 (29164) ACRITOP UHS** Ultra High Solids enamel with VOC < 420 g/l and an excellent aesthetical aspect

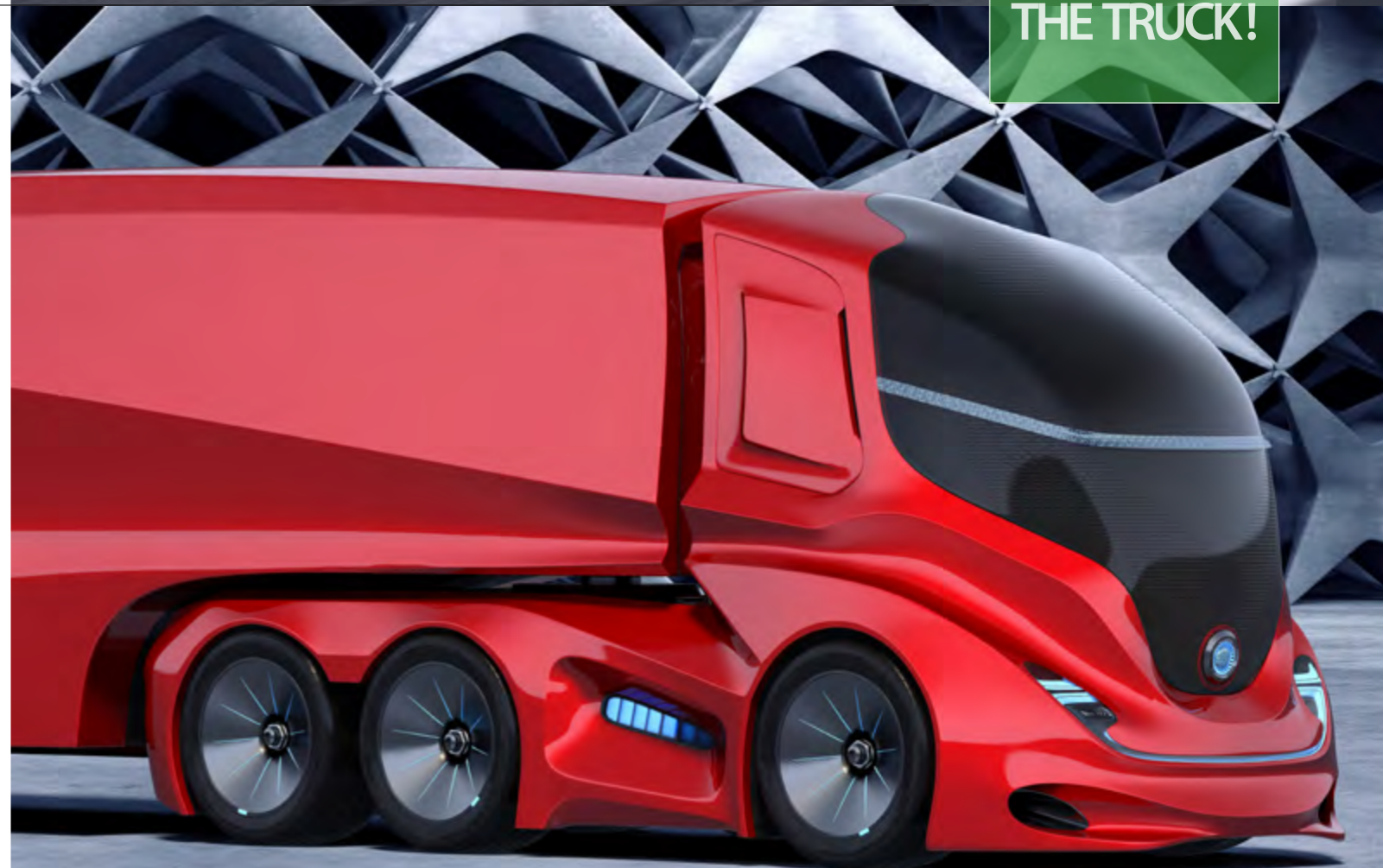
**LS441/LS443/LS446 (29441/29443/29446) ACRYL 2K AC AC/SATIN MATT/GLOSSY** Direct adhesion from matt to gloss with good anticorrosive properties

**ISO 500 (44500) ISO FAN WHITE ISO 501 (44501) ISO FAN NEUTRAL** brilliant ultra high solids enamels VOC < 420 g/l with high opacity and high coverage

**LH155 (YD155) HYDROCRYL 2K** Water-borne enamel with excellent performance and excellent aesthetical aspect



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## 7 PAINTING PROCESSES FOR ANY SITUATION

The choice of the painting process is a very delicate phase. Lechsys: "All around the Truck" has designed 7 different painting processes to be selected according to the type of processing to be performed, to the costs and the results expected by the customer.



**Cost-effective painting process:**  
cost reduction  
Primer LS102 EPOBUILD PRIMER 2K  
Smalto LS144 ISOLACK



**Fast painting process:**  
easy and flexible use  
also at low temperatures  
Primer LS109 ACRIPUR PRIMER  
Enamel LS155 ACRITOP



**Painting process with direct adhesion:**  
the compromise between resistance and aesthetics with different gloss levels  
Enamels with direct adhesion  
LS443/LS441/LS446 ACRYL 2K  
AC /SATIN MATT/GLOSSY



**Water-borne painting process:**  
low environmental impact  
Primer Y175100 HYDROPOX PRIMER HCR  
Enamel LH155 HYDROCRYL 2K



**High resistance painting process:**  
where performance matters  
Primer LS175 EPOFAN PRIMER R-EC  
Enamel LS155 ACRITOP



**Ultra High Solids painting process:**  
flexibility and high quality  
Primer LS107 EPOXYPRIMER  
Enamel LS164 ACRITOP UHS



**Ultra High Solids painting process with high performance:**  
maximum resistance and aesthetic quality  
Primer 04000/04003  
HI BUILD EPOXY PRIMER  
WHITE & GREY  
Enamels 44500/44501  
ISOFAN WHITE & NEUTRAL

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EQUIPMENT TO SUPPORT THE OPERATOR IN AN INTUITIVE AND EFFICIENT WAY

### THE TINTING MACHINE

is the mixing device. All dispensers of the tinters are equipped with stirring lids for **quick and efficient mixing**

### THE WORK STATION

is combined with it and provides the ideal support to organise all tools necessary for **colour reproduction and control**.

### THE SOFTWARE LECHLER MAP

guides the operator in the search for formulations, including customised formulations and in many other functions: **creation of working folders, management of consumption, inventory and**

**pricing of the material.** It guides to the preparation of products in connection with the scale, display and printing of labels and of the necessary safety documentation.

### THE CENTRE FOR EXCELLENCE

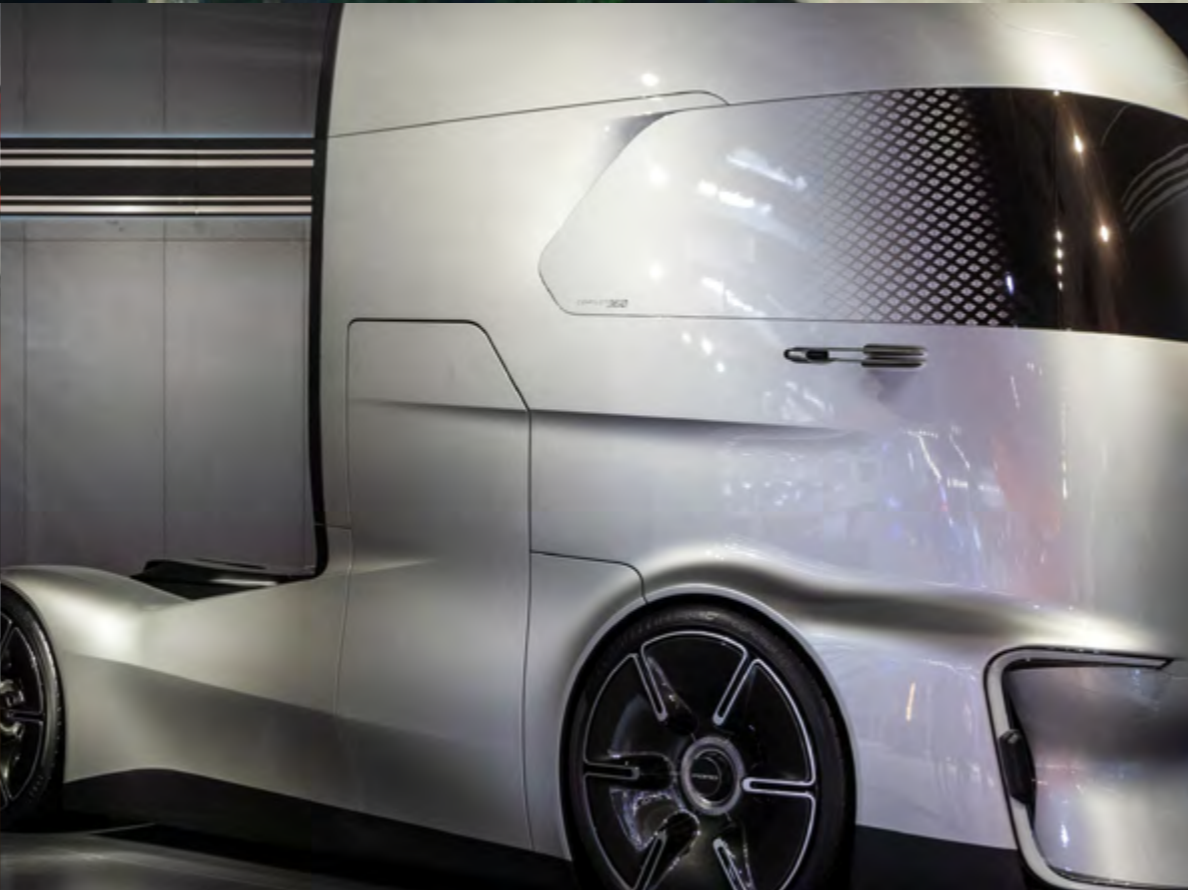
At the customer's service for training and **professional updating with candidates attending the CFE or through dedicated online courses and a prompt technical and instrumental assistance both in the field and by phone.**

### THE WEBSITE WWW.LECHLER.EU

allows you to access to information on products, courses and industry news, as well as technical and safety documentation, available for download.



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## FIELDS OF APPLICATION

- Commercial vehicles
- Fitting of special vehicles
- Cold stores
- Agricultural, building & earth-moving machines
- Means of urban transport (buses, tramways, undergrounds and monorails)
- Special means of transport (cable cars and funiculars)





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## PROPOSALS AND COLOUR TOOLS



## MASTER CHROMA ADVANCED

is the exclusive colour collection specific for Lechler Tech systems and consists of over **3.000 solid colour references ranked in 32 colour fans** inside a practical suitcase



## MASTER INDUSTRY

is the colour **collection specific for the industry sector and commercial vehicles** containing about 1.300 colour proposals intended for manufacturers of industrial vehicles, agricultural, earth-moving machines and oil machines



## MAP CROSS REFERENCE

is a **cross reference tool between the colour codes of the Master Chroma Advanced and the most popular colour codes in the field of commercial vehicles (British Standard, NCS, RAL 841 GL and vehicle manufacturers) and of Master Industry with the most commonly used codes in the industry sector (manufacturers of agricultural machines, oil industries, public services and corporate enterprises)**



## COLOR READER

is an **"ultra-portable" reader** for direct measurement of solid colours on the surface and it allows to identify them in a few seconds among the thousands of colours available in the collections.



## SPECTROPHOTOMETER

The fixed or portable spectrophotometer allows the preparation or formulation of solid colours according to the sample.



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UNI EN ISO 9001:2015  
UNI EN ISO 14001:2015



SISTEMI DI GESTIONE  
CERTIFICATI



Responsible Care®  
OUR COMMITMENT TO SUSTAINABILITY