

R E F I N I S H



Caring about the differences!

High-efficiency processes



Since 1858 millions of customers have been choosing Lechler paints in the Industry, Refinish, Decorative, Yachting and Habitat sectors, the five brands of the group.

After over 150 years, about 600 people work with competence and passion in the research, development, production and commercialisation of paints and in end-user training.

Lechler is present in Europe with the central headquarters in Como, the production sites in Como, Seregno and Foligno and the four subsidiaries in Manchester (UK), Grenoble (France), Barcelona (Spain) and Kassel (Germany).

In Brazil the enterprise operates in the production site and subsidiary in Parai (Rio Grande do Sul) and in the subsidiaries in Rio Negrinho (Santa Catarina), Ubà (Minas Gerais) and Paulínia (São Paulo).

Lechler products are currently distributed in over 65 countries.



Lechler Refinish is the proposal for car body shops using **High Efficiency Painting Processes**, composed of high tech products with a low environmental impact and wish to differentiate on the market and offer their customers a **SUITABLE QUALITY** concerning both aspect and repair duration and work at the same time with the **greatest efficiency and productivity with respect of the environment**.



The logo "HI-Efficiency" identifies products, articles and services developed to allow car body shops paint processes optimisation, adopting the right approach to the work method and determining a competitive advantage in the repair activities.





How to choose the best paint process if you have
LECHLER MAPP EASY



How to detect the right colour if you have
CME EASY or COLOR BOX EASY



How to get the right consulting if you adhere
to the BODYSHOP EFFICIENCY PROGRAM

EASY EFFICIENCY PROGRAM

The easy choice
The right process
The best repair

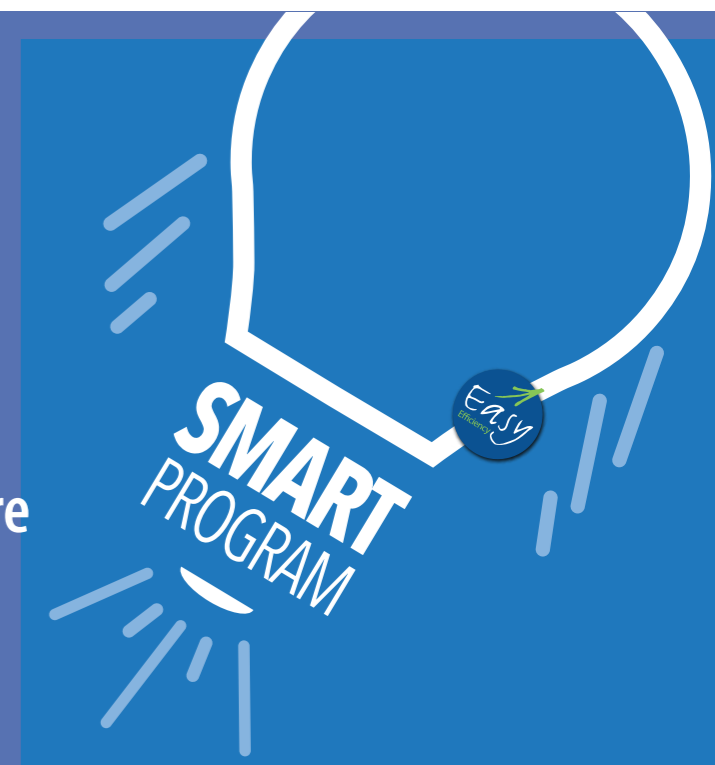
Discover how to simplify your work at www.so-easy.org



Caring about the differences!

Something has changed,
so let's change to be even
better.

Let's change, to realise a more
efficient and safe future.



The process of changing demand in the Automotive market has undergone a strong acceleration. The only possible answer is adopting innovative working methods. Due to **this we have developed new tools and methods to help you manage the body shop business as efficiently as possible, thus ensuring a safer future.**

Thanks to an always updated and constantly evolving Value Proposition according to the new market needs, it is possible to find the most efficient solution to different needs, thus guaranteeing adequate levels of PROFITABILITY, without compromises in terms of QUALITY and with the maximum protection of environmental sustainability.



PRODUCTS/PROCESSES

A complete and innovative range of products and processes allows you to identify specific solutions that, as well as allowing to reproduce a suitable quality level, also offers the opportunity of maximising the productivity by reducing process times and energy costs.



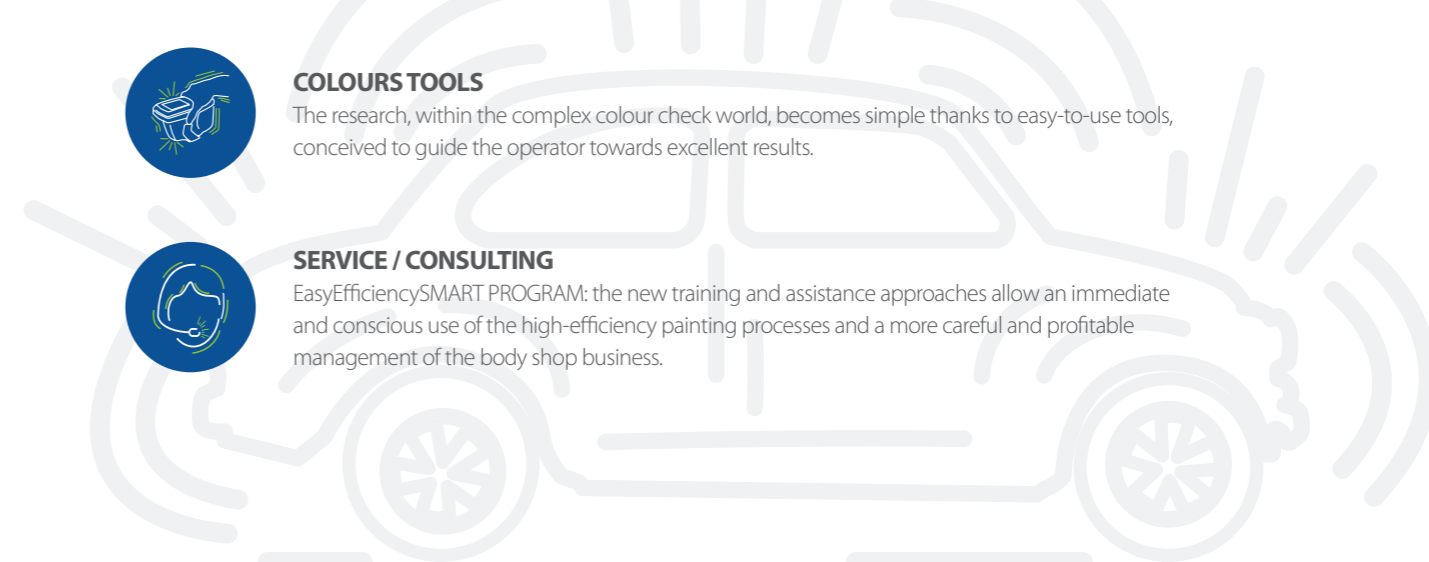
COLOURS TOOLS

The research, within the complex colour check world, becomes simple thanks to easy-to-use tools, conceived to guide the operator towards excellent results.



SERVICE / CONSULTING

EasyEfficiencySMART PROGRAM: the new training and assistance approaches allow an immediate and conscious use of the high-efficiency painting processes and a more careful and profitable management of the body shop business.



Hydrofan HE System



Hydrofan High Efficiency

To improve your efficiency!



Caring about the differences!

Hydrofan High Efficiency reduces repair costs!

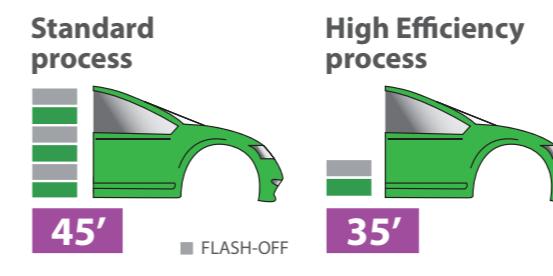
One single system, two application methods:

- product consumption reduction (-30%)
- time process reduction (-20%)

Hydrofan HE BASECOAT has been chemically improved to make the daily practice of the repair processes in the car body shops faster and easier.

One flexible system thanks to specific additives: **one single tintometric system with two application methods.**

According to the repair it is possible to choose the most efficient application method between the STANDARD process and the HIGH EFFICIENCY process, which under special conditions allows you to reduce **product consumption and times.**



- A basecoat colour system to obtain two-coat colours of cars, motorcycles and commercial vehicles.
- An innovative system presented in a practical packaging ensuring an excellent final result and the improvement of the work processes.
- A compact system with slightly over 60 tinters in 0,25, 0,5, 1 litre cans, with a refined first assortment volume for the production of metallic, pearl and solid colours.
- Specific thinners and additives make this system suitable for the application of all surfaces under different conditions (temperature and humidity).

It is practical: it does not require any stirring on the machine nor any addition of binders or hardeners.

It is easy to apply: it can be easily worked also by painters with less experience and with traditional equipment.

It is flexible: it can be applied in the traditional way or with two consecutive coats without flash-off.

It is rapid: very fast flash-off making it easy to sand if needed or masked with an adhesive tape for more than 1 colour.

It has a **reliable colorimetry** of over 35.000 original colours which can be reproduced.

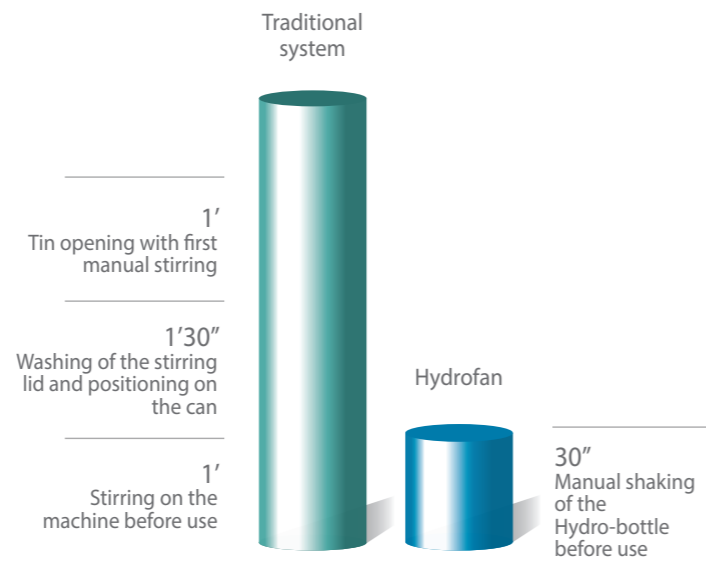
The limited number of tinters and the small pack size allow a **rapid tinter rotation.**



“Clean, cost reduction, quick&easy”

The Hydrofan HE Basecoat tinters are contained in the innovative packs **Hydro-bottles**

- They are fitted with a self-cleaning cap **Quick-Dosing System**, allowing you a thorough and rapid dosing from 0,1 until a few hundred colour grams.
- They are **ready for use** for an easier colour preparation, without any addition of additives or binders.
- They allow an **immediate** replacement of empty bottles, with no product waste.
- They are provided in a protection packaging with thermal performance, ideal for an **Anti-Shock** dispatch.
- They do not need any investments in new equipment: just the Hydrobox shelf is needed for their use.
- Hydrobox is safer: it has a static structure, with no mechanical parts or electric elements; **Hydrofan tinters do not need to be mixed.** (just a 10 second shake by hand)
- Hydrobox can be integrated with a heating kit.



Macrofan HS System



A system giving added value to your work.

The modular completion for the solid colours.

It is a polyvalent, rational and modular tintometric system to produce finishes and primer fillers with different characteristics and performance.

It is composed of 31 concentrated tinters (MACROBASE), 5 specific binders to obtain gloss, matt and effect solid finishes and other 5 binders for the production of coloured primer fillers/primers of different type and quality.



- Complete choice of finishes, from UHS to 1K nitro-acrylic.
- Wide range of colours and effects.
- Wide choice of coloured primer fillers/primers.
- High coverage and productivity.



Macrofan HS Top Coats System

It is a tintometric system composed of 26 concentrated tinters (MACROBASE) and 5 specific binders to obtain over 15.000 finishing solid colours with different performance (UHS, and 1K nitro-acrylic) and effects (gloss, matt, texture).



MAC41 (M4001) PW UHS Top Coat (VOC<420g/l)

UHS gloss enamel with high opacity and coverage.

MAC5 (M5000) 1K Top Coat

One-pack nitro-acrylic gloss enamel for the repair of restoration cars and motorcycles.

MAC14 (M1004) HS MATT Top Coat

Polyacrylic enamel with scratch-resistance satin effect for exterior parts.

MAC15 (M1005) and MAC16 (M1006)

HS FINE and TEXTURE Top Coat

Enamels with textured effect for car interiors and exteriors.

Macrofan HS Primer&Filler System

It is a tintometric system composed of 10 concentrated tinters (MACROBASE), 5 of which are in common with the module "Top Coats" and of 5 specific binders obtaining 3 different types of primer fillers (from filler to sealer), 1 primer/filler and 1 primer for plastics. They all are available in over 400 different colours matching all colours for interiors and original undercoats used in the automotive sector.



MAC 6 (M6000) GREEN-TECH HS FILLER

HS polyacrylic filler with "Powertech" technology

MAC 71 (M7001) HS HIGH FILLER

HS polyacrylic high build sealer for dry-on-dry processes.

MAC 9 (M9000) HS UNDERCOAT

HS polyacrylic sealer for wet-on-wet processes.

MAC 81 (M8011) AP AUTOLEVEL PRIMER

2K self-levelling primer/sealer with direct adhesion on all types of substrates (cathodic coated substrates, plastics, etc.) for W/W or D/D processes.

Beside favouring the opacity power of finishes with considerable time and paint saving, the utilisation of coloured primer fillers allows you to obtain three-coat finishes using the filler as a first coat: this is a solution offering reduced energy consumption and maximum speed of work.



Product range



Clearcoats

A complete high performance product range, compliant with directives on emissions into the atmosphere, available as UHS solvent-based products (MACROFAN line) as well as waterborne products (HYDROFAN line), to obtain gloss, semi-gloss, matt and scratch-resistant finishes. Useable with forced drying and air drying processes.

Primer fillers and primers



The range is completed with a wide offer of solvent-based or waterborne primer fillers and primers with different performance levels, available in white, grey and black version, to satisfy all needs of the different repair processes and working methods. The innovative MACROFAN range and the classic GREEN-TI provide an answer to any need.



UV Tech Line

This is the range of UV drying products allowing high-productivity repairs with very low energy consumption and very low solvent emissions. Ideal for small repairs or spot repairs.



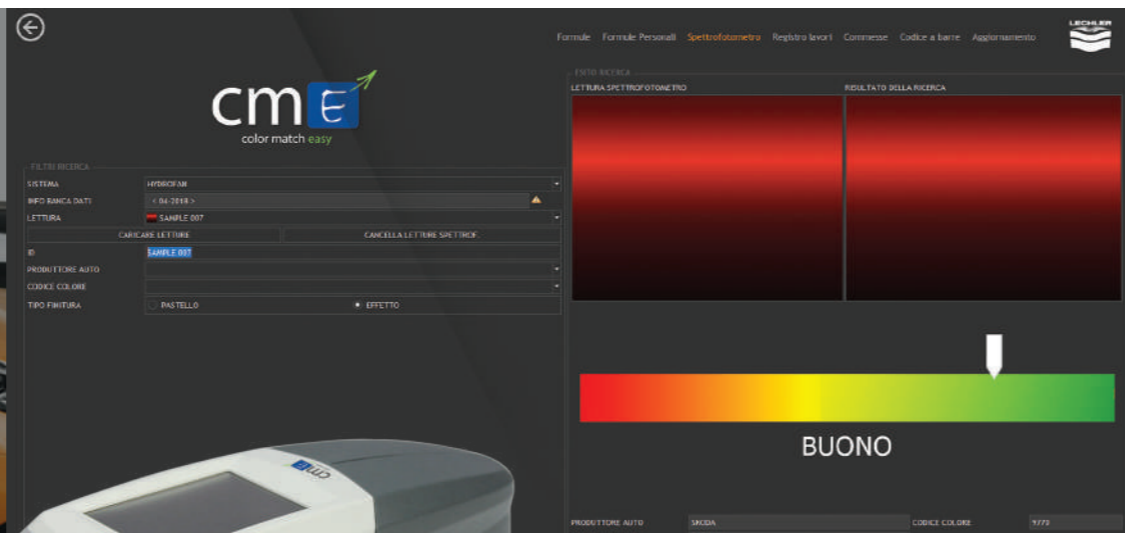
Putties

Safety and ease of use are the main features of all range putties, from universal to traditional, up to the more specific for plastics or with fibreglass.

Energy Spray Line

It is the product line of aerosols for small and fast repairs. This is a complete product series of high quality for professional use comprising coloured primer fillers, primers, clearcoats and auxiliaries.





Colour tools

Easy PC Box

It is a computer, which can be positioned on the Work Station and allows the ease and guided search for even customised colour formulas; it ensures control and dosing of various components through connexion with 7 kg. electronic scale.

Lechler MAP®

Paint & Color Management Software

It is the multipurpose software, designed to optimise performance and profitability of distributors and end-users.

It allows the management of formulas, dosing of tinters and paints, the management of work orders, the print of labels and safety data sheets, the display of product information and stock management. It allows a rapid update via internet of all technical and safety information as well as colour and product formulas.

Colour Match Easy

Color Match is the new automatic formula system of Lechler based on a multiangle reading spectrophotometre and dedicated software making the colour detecting and correction fast, safe and effective even for the most difficult colours.



Colour Box Easy & Colour Box Chroma Flex

Colour collections containing hundreds of colour references, on wide size cards, obtained by spraying car refinish products of latest technology and grouped in fans by means of rings.

They are ideal for the precise and reliable car colour identification.

The Color Box is consistently updated with new colours. It is available both in chromatic (Color Box Chroma Flex) and in car manufacturer order (Color Box Easy).



Master Car 5

Modular colour collection with colour chip references for solid, metallic, mica/pearl colours of the car fleet. The colour chips are contained in a practical, compartment box.

Master Motor 2

Modular colour collection with traditional colour chip references for solid, metallic, mica/pearl colours of the motorcycle fleet. The colour chips are contained in a practical, compartment box.



Hydrofan & Macrofan Tinting Guide

Colour fans proposing the colour development of the tinters within the Hydrofan and Macrofan systems.

Macrofan Primers & Fillers Tinting Guide

Practical colour fans containing over 180 original colour references of primer fillers with relevant formulas printed on the back side.

Technical Assistance

Colour Call Center

The vast know-how on colour, colour formulas and colour archives of cars and motorcycles are at the disposal of customers through a highly professional and prompt "online" service.

Technical Assistance Team

A support of our competent and professional technical assistance team is ensured both in Lechler and on site in a sector of ever-evolving technology.

Hardware and Software Assistance

Skills and professionalism for the correct management of tintometric, spectrophotometric equipment and of SW programmes are put at the user's disposal.

The website dedicated to Lechler Refinish:

<http://refinish.lechler.eu>

Integrated in the Lechler official website, the Lechler Refinish website collects all useful information for customers and professionals of the car refinish market, illustrates the value proposition and colour tools, presents the newest products and projects and displays useful services for the painters' activity.

Projects and events of distributors and car body shops find space and visibility in the news section and in the homepage boxes, where these initiatives are shared with the Lechler Marketing Department.

Color website

www.lechler.eu

Through the access to a dedicated area it is possible to obtain all information relating to colour formulas and to colour ranges of car manufacturers updated in real time.

The online catalogue of Lechler Refinish products

The online catalogue allows you to search by name, code, product type or systems all Lechler Refinish products. Each product indicates its description, technical and safety data sheet and, in case, insights or information marketing material.

The Lechler Portal

The Lechler Portal (<http://portal.lechler.eu>) is the aggregator of all Lechler web services displayed to customers. It is constantly updated as concerns functions and contents and it is a useful tool to obtain in real time helpful information and material for the daily activity of professionals working with Lechler products.

The Lechler website

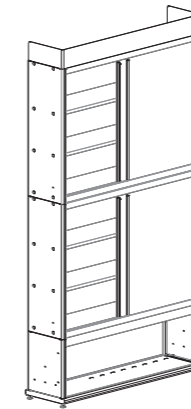
Information and operation in real time on any device

The official website (<http://www.lechler.eu>), which can be consulted and utilised both from the desktop and from mobile devices, is the online showcase for the whole value proposal of Lechler.

It is available in 5 languages and it is a reference point for those willing to know and to be kept informed on products and services offered by Lechler and its brands. The section "Centre for Excellence", completely dedicated to customers, allows you to download schedules and detailed programmes of training courses.



Refinish systems



BASIC PLUS installation

HYDROFAN Basecoat System (HYDROBOX).

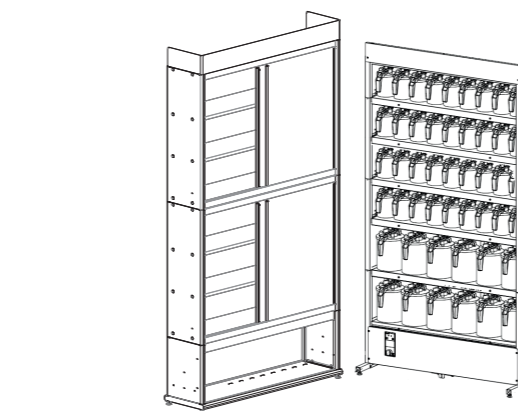
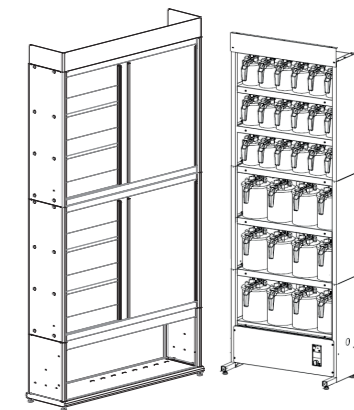


MACROFAN HS Primers&Fillers

(Stirring machine for 10 MACROBASES) allow you to obtain coloured primer fillers and primers for the reproduction of original undercoats and primers used in the 1st painting.

BASIC installation

HYDROFAN Basecoat System (HYDROBOX) allows you to obtain all two-coat solid, pearl and metallic colours of cars and motorcycles.



PREMIUM installation

HYDROFAN Basecoat System (HYDROBOX)



MACROFAN HS Top Coat

(Stirring machine for 26 MACROBASES) allow you to obtain solid colours of cars and motorcycles with direct gloss process.

PREMIUM PLUS installation

HYDROFAN Basecoat System (HYDROBOX)



MACROFAN HS SYSTEM

(Stirring machine for 31 MACROBASES)

- **Top Coat** - allows you to obtain solid colours of cars and motorcycles with direct gloss process.
- **Primers&Fillers** - allows you to obtain coloured primer fillers and primers reproducing original undercoats and primers used in the 1st painting.



Training & Assistance

The services that Lechler puts at the disposal of its users through the CENTRES for EXCELLENCE aim at supporting the user in the correct utilisation of products with professionalism, timeliness in the information update and competence.

The Centres for Excellence of Lechler are multifunctional spaces meant for users and distributors. In dedicated structures equipped with avante-garde facilities and instruments they offer and ensure:

- A high level professional update through courses offering a correct mixing of theory and practice to ensure the maximum result in the shortest time as possible.
- Consulting services and technical assistance on products, colours and instruments with high professionalism and timeliness.



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SISTEMI DI GESTIONE
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Responsible Care®
 OUR COMMITMENT TO SUSTAINABILITY