



## PRESS RELEASE

Saint-Cyr/Menthon, France, 13th September 2018

# LAMBERET UNVEILS 12 FIRSTS AT THE IAA MOTOR SHOW AND WINS THE TRAILER INNOVATION AWARD FOR ERGOWALL, ITS NEW MULTI-TEMPERATURE PARTITION SYSTEM

From 20th to 27th September visit the Lamberet Group, and its subsidiary Kerstner at the IAA Motor Show, Hall 27 - Stand A31, at the biggest exhibition dedicated to refrigerated vehicles with “Augmented Efficiency”.

From 19th to 27th September at the IAA, the world's largest transport fair, Lamberet and Kerstner will welcome visitors to their Stand located in Hall 27. With strong sales performance in Germany and internationally, the Lamberet group will showcase seventeen models at the Hanover Fair, the widest range of commercial and industrial refrigerated vehicles for the future. But more than anything, the vehicle body builder would like to attract the attention of transporters and logisticians from all over the world with its innovations. So, no fewer than 12 world firsts will be unveiled by Lamberet and Kerstner at Hanover.

Six of them have been nominated for the prestigious Trailer Innovation Awards, awarded by a jury made up of the international press representing 16 countries. In recognition of their outstanding performance, Lamberet has won this trophy for the second time. The new Ergowall multi-temperature partition system won in the Component category. The trophy will be awarded by the Chairman of the German Automobile Manufacturers Association (VDA), Dr Kurt-Christian Scheel, at an official ceremony on Friday 21st September at 2 pm at the park's conference centre.

### Interview

**Lamberet Group CEO, Erick Méjean, underlines Lamberet's commitment to Customer efficiency:**

*“The Lamberet Group is defined by the pursuit of a proactive growth strategy. Over the last 3 years, we have invested 10 million euro annually. This is also the minimum, necessary amount that will be committed over the coming years, with a balanced distribution between our Research and Developments needs and our industrial tool.”*

*“Lamberet has derived real business acceleration from its horizontal specialisation policy in the field of refrigerated truck bodies. We have the widest range of solutions: vans, chassis, straight trucks and semi-trailers, which is unique in the world of bodies. Within these areas of expertise, our offer is sub-segmented and adapted according to the business and changing needs of our Customers. Transport and logistics actors must indeed respond to increasingly complex challenges, in a context of strong environmental change: last-mile delivery, freight consolidation for delivery in urban areas, multi-temperature roll-out, Pharma... they use more technically advanced vehicles and rely on the bespoke to allow their organisation to benefit from augmented efficiency. Our bodies have become the means to directly and positively impact the competitiveness of their company.”*

*“This is our answer to this underlying trend, reflected in our commitment to increase the efficiency of our bodies through innovation. We have worked on improving the fundamentals of the transport industry: operating costs, safety, ergonomics and the environment. This is the common thread that runs through our presence at the 2018 Hanover IAA Motor Show. First and foremost, we unveil new products: no fewer than 12 Firsts! we want to show our current and future Customers, as well as their associates, the benefits that the efficiency of our equipment can provide them with on a daily basis. We are very proud that this initiative has received recognition by the Industry, through the Trailer Innovation Award for our new Ergowall partition system for multi-temperature operators.”*



## IAA INFOGRAPHICS

### 12 FIRSTS TO DISCOVER ON THE LAMBERET STAND, HALL 27, A31:

#### Six breakthrough innovations nominated at the Trailer Innovation Awards:

- ERGOWALL, new multi-temperature partition system (winner)
- SAFELIGHT Flex LED, 180° retractable rear lights
- AEROTAIL, aerodynamic spoilers with automatic positioning and retraction
- EASYFIT, new technology for integrated insulation
- SAFESTAIR, access ladder with built-in handrail
- MULTIPLEX, connected truck, for efficient distribution efficiency

#### Six new bodies:

- AeroSR2, the new generation of SR2 refrigerated semi-trailers
- FRIGOLINE Expert 12, the first refrigerated body for 7 to 12-tonne straight trucks
- MERCEDES new Sprinter refrigerated van, VanSolution Partner-certified
- MERCEDES new Sprinter refrigerated chassis with Frigoline body
- MERCEDES new Econic with CNG, a new generation Zero Emissions refrigerated distribution vehicle
- KLEUSTER Freegone Frigoline, power-assisted refrigerated tricycle that will revolutionise last-mile delivery

and also:

**LAMBERET - KERSTNER | Hall 27 - Stand A31**  
800 m<sup>2</sup> of exhibition, 6 vehicles, demonstrations...  
**Not to be missed:**  
Ergowall Winner of "Trailer Innovation Award", X-City chassis,  
Corner of MERCEDES VanSolution Partner, new body :  
Frigoline Expert 12, smart truck Multiplex...

**LIVE DEMONSTRATION | NEW MOBILITY WORLD**  
The delivery from the last meter to the last kilometer!  
No Emission, no noise, more agility...  
The electric tricycle FREEGONE Frigoline Lamberet  
reinvents the fresh product city distribution.

**LAMBERET - KERSTNER**  
**OUTDOOR STAND K41**  
IVECO DAILY CHASSIS  
Allround 35m<sup>3</sup>  
Frigoline Expert 12  
MAN TGE FOURGON  
Kerstner Cooljet 203  
VW T6 FOURGON  
Kerstner Cooljet 103

**IVECO | Hall 17 - Stand B06**  
DAILY 3520L 2.3 HPI  
Kerstner Cooljet 206

**MERCEDES | Hall 14-15**  
VITO Kerstner Cooljet 103  
ECONIC Frigoline HD 26

**LAMBERET - KERSTNER & MERCEDES-BENZ CharterWay**  
**OUTDOOR STAND L90**  
**A partnership for the future!**  
This 500th vehicle associates a Actros MERCEDES from CharterWay  
and a new generation trailer X-City 33 with 2 steering axles and  
an automatic Distri+ shutter.

**VOLKSWAGEN**  
**OUTDOOR STAND S51**  
+ test Zone ADAC  
CRAFTER L3H3 FWD  
Kerstner Cooljet 203



## IAA TECHNICAL FILE

# ERGOWALL

## THE ERGONOMIC LINK IN THE COLD CHAIN

The development of temperature-controlled product distribution (food or pharmaceuticals) requires vehicles that are truly capable of managing several temperatures simultaneously, with a range of between  $-28^{\circ}\text{C}$  to  $+22^{\circ}\text{C}$ . Compartment bulkheads must be perfectly watertight, modular, easy to move for the driver and compatible with the constraints of intensive operation.

The new ERGOWALL partition wall system meets all these requirements and is a true technological breakthrough compared to existing systems.

The ERGOWALL system fitted to the vehicle is ATP-compatible.

The use of innovative materials has enabled us to achieve unmatched levels of performance. Impact resistance and flexibility under stress drastically reduce the risk of breakage. The compactness of the raised system gives good passage height, thus optimising the usable volume and securing the load. Finally, the 50% reduction in the weight (gain of 100 kg) of the system is of benefit to the payload and offers savings in consumption

### ADVANTAGES :

- Very high-level insulation based on hard foam
- Military quality impregnable polycarbonate coating
- Flexible, shape-retaining memory foam core
- Auto-locking of the slide in the top and bottom position



*The Ergowall partition system revolutionises the operation of multi-temperature vehicles.  
Winner of the Trailer Innovation Award 2019, in the Component category.*



## IAA TECHNICAL FILE

# Aerotail

## AUTOMATICALLY DEPLOYED REAR AERODYNAMIC SPOILERS

The Aerotails are fitted to the rear door. These are simple, efficient aerodynamic appendages. Their deployment and concealment are automatic and do not require any additional action by the driver. When the doors are opened the Aerotails follow the rotational movement induced on the hinges and finish by being aligned and camouflaged against the side wall.

### AVANTAGES :

- Innovation: 100% fully automatic
- Exclusive technology for the Lamberet double-action spring hinges
- Assisted opening and closing by the return spring
- Minimum 1% saving in consumption with distribution profile



*Aerotails are the first rear spoilers that are fully automatic.  
The observed consumption saving is a minimum of 1% in mixed conditions.*

## IAA TECHNICAL FILE

# SAFESTAIR

## RETRACTABLE ACCESS LADDER WITH INTEGRAL GRAB HANDLE

*The rear SAFESTAIR retractable access ladder is innovative with the integration of a safety rail. Its exclusive kinematics automatically follow the movements of deploying or storing the ladder. The user can therefore hold onto the rail to stabilise himself and getting in or out of the loading area is safe.*

### ADVANTAGES :

- 5-step ladder with a wide platform at the entrance
- Automatic handrail to the right and/or left as required
- Equipment for straight trucks and semi-trailers
- User-friendly, ergonomic handling



The SAFESTAIR integral handrail automatically deploys when taking out the ladder.  
Falls account for 50% of recorded workplace accidents for drivers.

## IAA TECHNICAL FILE

# SAFELIGHT FLEX LED

## LUMINOUS REAR SIGNATURE ON BREAKAGE-RESISTANT SUPPORT, ARTICULATED TO 180°

*These rear lights designed for bodies for trucks and semi-trailers have a rotating breakage-resistant support at 90° towards the front and rear. The support returns to its initial position automatically after an impact. This freedom of movement reduces the risk of breakage increasing safety and also the service rate of your fleet, for which operation and maintenance costs on this equipment is radically reduced.*

### ADVANTAGES :

- Independent modules from the leading brand, HELLA Shapeline
- 100% LED technology with scrolling indicators
- Easy-Maintenance: integrated SuperSeal connector
- Exclusive patented rotating retraction system



SAFELIGHT Flex LED is the first front and rear retractable device on the market.  
Broken lights are the first item that could lead to vehicle immobilisation in haulage.

## IAA TECHNICAL FILE

# EASYFIT

## NEW GENERATION OF INTEGRATED INSULATION KITS FOR VANS

EASYFIT kits have the advantage of optimised design and production using new digital technologies. They therefore offer maximum operational advantages for users and unmatched safety for the cold chain. This integrated insulation for vans is therefore proof of a perfectly controlled insulation coefficient and satisfies the highest international requirements. This performance is achieved without compromise to higher practical aspects. This is seen in practice by the compatibility with the original side door or even the optimised interior volume.

### ADVANTAGES :

- "Reinforced insulation" quality in accordance with ATP regulations
- Optimised for the sizes of food containers
- The palletisation is held between the wheel arches
- Sliding side door compatible



*Easyfit technology uses exclusive 3D design and production techniques.*

*These kits offer better insulation and optimised volume while preserving all the features of the basic vehicle.*

## IAA TECHNICAL FILE

# LAMBERET MULTIPLEX

## THE CONNECTED LINK IN THE COLD CHAIN

Multiplex is a connected communications system developed by Lamberet to equip high added value refrigerated vehicles, trucks and semi-trailers. Based on a watertight unit and connectors, proven in the industrial vehicles field, it uses the vehicle's CAN-Bus and multiplexing technology to centralise information relating to the chassis and the body with its equipment, such as the curtain, the refrigeration unit or the tailgate. Multiplex enables these different functions to be combined for greater security and ergonomics. All the information and its control is made available to operators via a dedicated Lamberet Smartphone application interface and also feeds the logistics specialist's telematics system.

### ADVANTAGES :

Multiplex offers a choice of functions such as:

- Display and remote control of vehicle functions
- Control of interior lighting during opening
- Logging of docked vehicles
- Control of engine starting depending on the status of the equipment (step, lift tailgate, curtain, etc.)
- Truck engine power demand depending on the needs of the refrigeration unit, etc.



*The multiplexing technology used by Lamberet offers new efficiency-oriented features. The MULTIPLEX app is compatible with all Smartphones and Bluetooth connections.*

## IAA TECHNICAL FILE

# AEROSR2

## THE GREEN LINK IN THE COLD CHAIN

**Lower consumption, easy maintenance, ergonomics and operator safety: AeroSR2 is the signature for the development of a new range of refrigerated semi-trailers, SR2.**

AeroSR2 industrialises the innovations that Lamberet has developed and tested in the framework of the EDIT collaborative project run by Renault Trucks within the Volvo Group. Lamberet is the partner responsible for the bodies in this study, which has been substantiated by the putting the prototype, Urban Lab 2, on the road. The field tests performed over tens of thousands of miles have made it possible to prove the most efficient innovations for reducing operating costs and the environmental footprint within current regulations. The project won the “Low Emissions Driveline Award”, from the CARA-PFA consortium at the Solutrans International Transport Show.



The AeroSR2 programme incorporates a fundamental development of the SR2 chassis. Urban Lab 2 has shown that the best method of improving an industrial vehicle’s air penetration is to reduce the overall height. SR2 now offers the choice between two extra-flat front chassis modules, saving 5 cm overall. The lighter GL 8 mm module is optimised for long distance. The unmatched HD 10 mm module is devoted to distribution. The SB+ 10 mm module provides maximum rigidity for carrying meat. These 3 modules, combined with the thin roofs on Lamberet bodies, make the SR2 the lowest semi-trailer on the market when in standard configuration (ATP reinforced insulation, tyre size 65 and coupling height of 1100), providing a usable interior height of 2.70 m, with an overall height of 4 m. The aerodynamic savings are completed by the CX Profiles at the front and the “Slush” rear with exclusive integrated handles.

AeroSR2 unveils an unmatched rear providing greater safety and ergonomics whilst reducing operating costs. The patented light signature is based on the patented 100% LED Safelight system, which combines design features with breakage-resistant protection. Access to the loading area is facilitated by the Safestair ladder with integral hand rail. The doors are fitted with the most spectacular of the innovations: the Aerotail aerodynamic spoilers which are deployed and retracted automatically.

The body has the advantage of the new Ergowall partition making it the most efficient multi-temperature solution on the market. The Lamberet non-conductive composite panels are the most obvious technological feature for maintaining different temperatures within a refrigerated body. To this Ergowall adds another decisive advantage in terms of ergonomics, long service life and maintenance costs.

**All your business-specific models which distinguish the SR2 range have the advantage of the AeroSR2.**

## IAA TECHNICAL FILE

# FRIGOLINE EXPERT 12

## NEW REFRIGERATED BODY FOR 7 TO 12-TON TRUCKS

FRIGOLINE Expert 12 is the first refrigerated box-body entirely designed for the low tonnage truck segment. It has been designed by Lamberet to offer a competitive advantage in terms of design, robustness, insulation, lightness and ergonomics. Its range of sizes and rear opening solutions take into account new containers and final mile delivery use.

Lamberet anticipates the accelerated development of the niche market for trucks with GVWR of 7 to 12 tons linked to the imposition of stricter clean-up standards and the need to expand city centre distribution massively.

### ADVANTAGES :

- Gain in payload of up to 10%
- Optimised aerodynamics with a smooth rear, and front Cx Profiles [1]
- Enhanced design with integral aluminium moulding
- Visibility with Safelight LED Ramp integrated into the frame [2]
- Flush "fridge" handles for greater security [3]
- Automatically adjusting double-action spring door hinges
- Available with swing or sliding side door
- 4 interior usable widths, 2100, 2210, 2310 and 2460 mm
- Compatible with the automatic Distri+ P curtain, whatever the width



*The recessed door handles are the exclusive signature of bodies equipped with the Frigoline Expert 12 body. This category of vehicle is expected to grow in the future.*



### IAA TECHNICAL FILE

# FRIGOLINE HD 26 MERCEDES ECONIC

## NEW DISTRIBUTION TRUCK CONCEPT - ZERO-EMISSIONS

The distribution vehicle reinvented! Ergonomics: its accessibility is unprecedented due to the ultra-low cab floor with a folding door to the right. At the rear the automatic Distri+ P curtain and the retractable tail lift also make the driver's life easier. Environment: its natural gas-driven engine also drives the Eco-Drive refrigeration generator of the new dual-temperature CARRIER Iceland Twin-Cool unit. Safety: the pedestrian detection systems on the Econic and the camera integrated into the rear Lamberet Safelight ramp is reassuring in the city.

#### ADVANTAGES :

Unique bodywork expertise:

- Optimised chassis environment
- Multi-temperature with Ergowall partition
- Maximised useful height
- Conversion in collaboration with Mercedes-Benz



*The Econic extra low cabin is the solution in distribution.*

*Lamberet stands out with its Zero Emissions range, the largest on the market.*

## IAA TECHNICAL FILE

# KLEUSTER FREEGONES

## FRIGOLINE

### ZERO EMISSIONS REFRIGERATED ELECTRICALLY POWER ASSISTED TRICYCLE

The final yard for the final mile delivery? It's easy with the new Freegone Frigoline and its refrigerated 1.5 m<sup>3</sup>! It meets European Regulation 15194 as an electrically power assisted cycle. No emissions, no noise and no space requirements because it can take cycle paths. Its refrigeration unit is ATP-approved. Its electrical traction effortlessly propels it up to 25 km/h, has a starting aid on hills, and charges in 5 hours when plugged into a 230 V 16 ampere socket.

#### ADVANTAGES :

- Refrigerated body with side opening
- Traction and refrigeration charging coupled
- Reversing buzzer
- Complete lighting kit with recall at the top of the body



*The Lamberet signature, "a range of 1 to 100 m<sup>3</sup>" has never made so much sense.  
The Freegone Frigoline offers 1.5 m<sup>3</sup> of standalone cold production.*

## IAA TECHNICAL FILE

# SR2 X-CITY

## NEW GENERATION OF CITYFRIGO CHASSIS WITH STEERING AXLES

This single-wheel Lamberet Tandem chassis is balanced and has a standard tailgate that is more practical to use. Its latest generation X-Steering steering axle with cables has an optimised tension adjustment system. The geometry is mathematically perfect unlike systems with bars: the angle of the wheels follows the Ackermann Principle at low speed, the synonym for ideal tractor-semi-trailer turning. Manoeuvrability is balanced between left and right, the turning circle is the optimum that can be obtained, and tyre friction and scrubbing are reduced.

### ADVANTAGES :

- Manoeuvrability superior to a small tonnage truck
- Tyre service life multiplied by 4
- Emission of particles from tyre scrubbing divided by 4
- 12% reduction in consumption in urban/regional use



*The Distri+ P air curtain offers fully automated handling.  
It is the effective complement to the X-City chassis to streamline urban distribution.*

## IAA TECHNICAL FILE

# MERCEDES SPRINTER EASYFIT KERSTNER VAN

## THE FORCE AWAKENS!

The black livery of Mercedes-Benz Van Solution Partner is not short on class for the latest Sprinter. Its integrated insulation benefits from the new Easyfit technology to meet ATP standards in negative cold, Class C and positive cold, Class A. These new generation kits offer amazing benefits. The flexible designs allow coverage of the very wide range: available in different wheelbases in traction propulsion, twin wheels and 4x4 to satisfy the needs of every customer. The side door allows direct loading of 1200 mm pallets, a completely new benefit!

Kerstner's strength is to offer insulation and refrigeration units under its unique brand. Perfectly adapted and optimised, this exclusive pairing on the market provides better thermal performance for lower energy consumption. It is even on the 39S traction version, the only refrigeration solution approved to date. Mercedes-Benz did not hesitate to offer it in its catalogue as a factory option under the label Van Solution.

### ADVANTAGES :

- Cab partition wall retained for greater safety and comfort
- ATP "Reinforced" insulation feature
- Palletisable between wheel arches (single)
- Business customisation packs



*The new MERCEDES Sprinter with body by Lamberet and Kerstner is available in versions 32S, 37S, 39S and 43S. Kerstner refrigerated units have specially designed aerodynamics.*



### IAA TECHNICAL FILE

## MERCEDES SPRINTER FRIGOLINE CHASSIS

### TO EACH BUSINESS HIS OWN FRIGOLINE!

Lamberet fits out the new Mercedes Sprinter chassis of this range of refrigerated bodies for commercial vehicles. It comes in several typologies to better adapt to the specifications of every professional and the various GVWs available, including over 3.5 tonnes.

Firstly, it offers the best insulation in its category thanks to its 85-mm composite panels. This is a strong point of these bodies, which are subject to many door openings. Their small volume provides less thermal latency than is found on heavy goods vehicles. The insulation also has the advantage of a very high resistance/lightness compromise by maximising the use of aluminium.

#### ADVANTAGES :

- Aerodynamics: CX Profiles in front
- Ergonomics: exclusive "Easy Handle" door handles
- Safety: patented assisted rotating door stops
- Visibility: compatible Safelight working lights and integral camera



*The new Sprinter cab chassis is already available in a refrigerated version with Frigoline Lamberet box bodies. Frigoline bodies come in pallet, rolls, meat carrier, catering and multi-temperature versions.*

## CORPORATE

### **Download the high-resolution visuals and documents associated with this release:**

(Release source in Word, HD artwork) via WeTransfer: <https://we.tl/t-2E4ZwKnLYK>

### **About the Lamberet unit: the strongest link in the cold chain**

The Lamberet unit is the gold standard for refrigerated vehicle body builders. Since 2010, the Group has rolled out an investment plan, unique in the sector, combining technological innovations, new product developments and the expansion of its industrial sites, with, in particular, the creation of a new factory for commercial vehicle bodies.

Lamberet stands out for its unique experience in Europe. It is the only player in the sector to design and produce the 5 types of temperature-controlled bodies: built-in insulation for vans, drop frame boxes for cabin floors, cab chassis boxes and bodies for industrial straight trucks and semi-trailers.

A simplified joint stock company under French law headquartered in Saint-Cyr/Menthon in Ain, Lamberet is part of international industrial group AVIC. The Lamberet Group achieved a consolidated turnover of a 205 million euros in 2017, of which 50% was for export, where the brand has a distribution network in 40 countries. The latest commercial developments are in North America (2016) and China (2017-2018).

Production is carried out in 4 specialised factories: Saint-Cyr/Menthon (France, 01), Saint-Eusèbe (France, 71), Sarreguemines (France, 57) and Kerstner (Germany).

After-sales is one of the brand's strong points with 11 integrated services agencies – including the last site opened in 2018 in Lyon Saint-Priest with a second site planned in Spain – supporting a network of 350 certified vehicle body builders.

To learn more, visit our website: [www.lamberet.com](http://www.lamberet.com) and follow us on social networks on @Lamberet.

### **See you at IAA from 20th to 27th September in Hanover (Germany)!**

With nearly 1,000 m<sup>2</sup>, Lamberet presents the biggest exhibition of refrigerated vehicles at the IAA Motor Show. With new models and innovative equipment, the key word for a Zero Emissions future will be “Augmented Efficiency”.

### **About the Hanover IAA International Transport Exhibition:**

Useful information for visitors attending the IAA Motor Show is available on the dedicated website: [www.iaa.de](http://www.iaa.de)

Find the video of the 2016 show dedicated to the Lamberet exhibition online: <https://youtu.be/fZc2glw3L1M>

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# WORLD CHAMPION!



2013



2019

## **LAMBERET**

**WE INNOVATE. YOU SAVE.**

For the second time Lamberet has won the Trailer Innovation Award at the IAA 2018, the largest trade show in the world devoted to transport!



Our new ERGOWALL partition system won in the Components category. This revolutionary partition is fitted in our refrigerated, multi-temperature bodies for straight trucks and semi-trailers, as new or retro-fit. It is almost unbreakable and allows an unmatched passage height. It will optimise your service rate and your productivity. Your dock operators and your drivers will find its ergonomics and lightness very attractive. See the demonstration by flashing this code!

