

# #Innovations1st

SR2  
SUPER  
BEEF

IAFO  
Intelligent Air Flow Optimization

KPES®  
KING PIN ENERGY SPREADER

 LAMBERET

SR2  
SUPER  
DUPLEX

SR2R  
RAIL > ROAD

 FrigoVIEW130°

SAFESTAIR

SR2/e

SAFESTAIR

FRIGOLINE

LCV  
LAMBERET COMMANDE VOCALE

 LAMBERET

e-COOJET  
203

Kerstner 

FRIGOVAN

## WE INNOVATE. YOU GAIN.

e-COOJET  
103

FRIGOVAN<sub>2</sub>  
ZERO EMISSION

 LAMBERET

EASYFIT

easy maintenance

 FrigoVIEW130°

Aerotail

FRIGOLINE  
CITYBEEF

SR2  
SUPER  
CITY

SR2/e

FRIGOLINE  
PROBEEF

FRIGO  
LIGHT

FRIGOLINE  
HD

 LAMBERET

CXsystem

BEEFLIFT

Kerstner 

EASY  
CONNECT

EASY  
HANDLE

 LAMBERET

Kerstner 



VANS . TRUCKS . TRAILERS



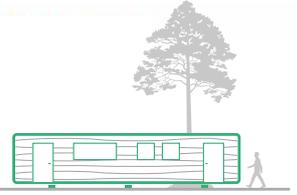
in partnership with



A refrigerated body at the end of its life can become a valuable resource for designing eco-friendly modules.



Regoods and Lamberet are developing a upcycling process allowing them to change their purpose. From refrigerated vehicle body to modular infrastructure!



Regoods manufactures a range of low-carbon modules. User comfort and ecology are at the heart of the processes.



**Regoods partnerships with Lamberet to develop a low-carbon module from the recycling of end-of-life refrigerated bodies.**

Today, 15% of French inputs in processed raw materials come from recycling (The Shift Project "Decarbonizing the Industry" - 2021).

As specialists in the circular economy, founders of Regoods have identified that the cells of refrigerated trucks have a maximum service life of 12 years, in line with health regulations.

The applications of Regoods modules are varied: offices, reception counters, lodges, kiosks, bars/snack bars, coworking spaces, workshops, storage spaces, and meeting rooms.



# LAMBERET energy

*New energy to take the lead*

Lamberet contributes to noise-free and CO2-free temperature-controlled transport with a new offering called Lamberet energy.



## Empowering the supply of refrigerated vehicles:

### Assist

in analysing current operational constraints and explain the impacts of a smooth and risk-free energy transition towards partially or fully electric solutions..

### Guarantee

system performance throughout the contract duration and take care of end-of-life management, re-use, and battery recycling.

### Supply

"energy packs" to power refrigeration systems based on customer needs.

### Develop

Full-Service Long-Term Lease solutions tailored to minimise the impact of the energy transition on clients' operating accounts.

### Monitor

all operational data through connected systems to ensure optimal system usage.

## HYBRID SYSTEM

To ensure the cooling unit power, the Energy Pack (battery + conversion + control) allows for total hybridation of the standard engine system through the supply of its electric mode. Electric charging is done through the power grid.



## 100% ELECTRIC SYSTEM

The 100% electric mode for powering the cooling unit is a technology that eliminates CO2 emissions throughout the entire route and reduces noise pollution anytime.

The Energy Pack is sized according to use.

Electric charging is done through the power grid.



# SAFESTAIR

Retractable access ladder  
with integrated automatic holding ramp.



NOMINATED

Work-related accidents are regularly observed when climbing up or down truck bodies. Safestair is the ergonomic and secure solution redefining the standard for modern vehicles rear access: Safestair innovates with the integration of a safety ramp.

Thanks to a deformable parallelogram concept combined with a single secured linkage (anti-pinch), **the deployment and storage of the Safestair's ramp are automatic**, ensuring locking and great stability of the assembly.

Its exclusive kinematics accompanies the deployment or storage movement of the ladder. User can thus hold onto the ramp for secure and stable ascent or descent to the cargo area.



- 4 or 5-step ladder including a wide platform for the last.
- Automatic handling ramp on the right or left, on demand
- Equipment designed for both truck bodies and semi-trailers.
- Intuitive and ergonomic handling.



**SMART**  
CONNECTED BOX



The new SMART CONNECTED BOX is a vehicle dashboard integrated remote control technology, designed for Kerster CoolJet cooling units.

**INTEGRATED  
ANDROID  
AUTO APP FOR  
COOLING UNIT  
REMOTE  
CONTROL.**



- Interface with the original dashboard media Ux screen through the smart connected box.
- Android Auto protocol displaying cooling unit's user interface.
- Use of the original vehicle CAN for connectivity functions.
- Sending cooling unit information to a dedicated platform (Service codes).
- User access to data on a web platform and smartphone.
- Over-the-air (OTA) updates.
- Security Package: Geofencing, door openings detection, alarm sent to drivers and fleet manager.



**FIRST**

The first application of CoolJet cooling units with Smart Connected Box and dashboard media integrated control will take place on the new Renault Master XDD in 2024, thanks to its innovative "openR link convertor companion" function.

# SR2 SMART&SAFE

Refrigerated Semi-Trailer SR2 Smart&Safe: operational excellence for augmented transportation efficiency.



## SR2 Smart&Safe offers an optimal volume/energy frugality ratio.

Its body achieves insulation coefficients at the highest levels while preserving reparability and customization possibilities. The 100% composite panels incorporate high-performance polyurethane foam, benefiting from Lamberet's expertise in thermal bridge control, tightness, with door-sealings featuring exclusive Rustin Teflon-coated multi-lips Elastomere, and integrated cremone locks in doors with increased thickness to 90 mm. Its smooth rear, the air flow optimization at the **front with the CX system and profiles**, and the **HD 10 chassis module lowering the overall height**, all contribute to optimal aerodynamics, leading to optimized tractor and cooling unit energy consumption.

## The SR2 Smart&Safe incorporates Lamberet's latest exclusive innovations for safety and ergonomics.

The Easyconnect sliding electrical and air sockets connections on the Drylin monorail facilitates hitching without the risk of blocking. The 240-liter secured aluminum tank (keyed cap and anti-theft strainer) can accommodate any type of fuel (GNR, HVO, B100). The

Safelight LED shock-resistant rear lights rotate 2 x 90° forward or backward, the retractable rear access Safestair benefits from an automatically deployed ramp, ensuring a third point of support for the user without the risk of shearing. Inside, the **Ergowall 2.0 partition wall, sliding and liftable, ensures optimal ergonomics and longevity**, and features a bright orange color easily visible to Fenwicks operators.

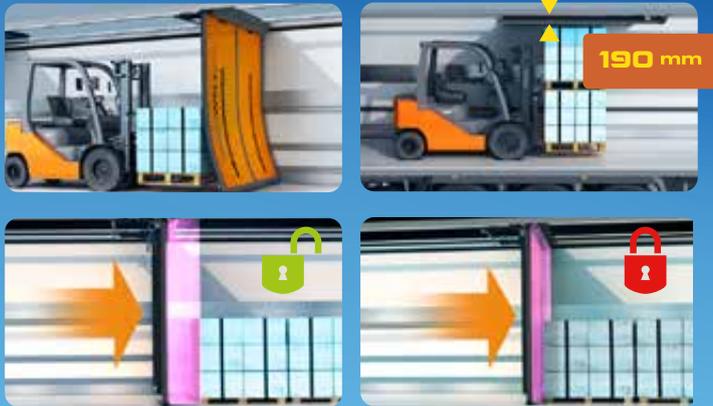
Safety is enhanced by the ADI (unintended departure prevention). **The patented internal IAFO aerodynamic system ensures homogeneous and powerful air diffusion** through an open channel, without power loss thanks to the use of the Coandă effect.

Connected, SR2 Smart&Safe is newly equipped with a continuous **Tyre Pressure Monitoring System (TPMS)**, mandatory from July 2024 for all new vehicles of its type.

With SR2 Smart&Safe, LAMBERET presents a refrigerated semi-trailer at the forefront of useful innovation. A concentration of solutions offering our customers a clear competitive advantage, both to retain their dock operators and drivers and to increase logistics efficiency and productivity.

# ERGOWALL

Ergowall: the lightweight, secure, and efficient solution for your multi-temperature vehicles.



- Military quality polycarbonate coating
- Flexible, shape-retaining memory foam core
- Auto-locking of the sliding capacity, top and bottom position
- Compact system to maximize longitudinal travel of the bulkhead
- Locking in "working" or "rest" position ensured by a patented automatic device.
- Upper strap, to manually unlock sliding.

## CXsystem

Front incorporating CX Profiles optimizing the body aerodynamics and the efficiency of the cooling unit.

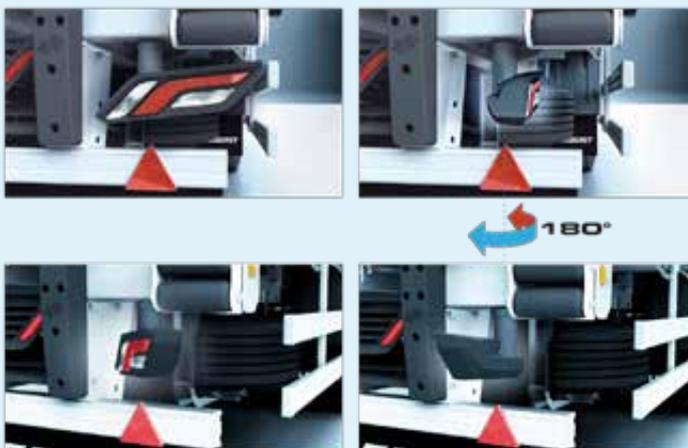


## IAFO

Patented air distribution system with open air guides: Internal Air Flow Optimizer



## SAFELIGHT



Rear LED signature on a rotating break-resistant support at 2x90°



## SAFESTAIR



Secure rear access with automatic handling ramp



# SR2 X-CITY 24-27-33



Developed by Lamberet, the X-City range provides an ideal solution to the challenges of urban and regional distribution. The SR2 X-City combines the advantages of rigid trucks and high-capacity semi-trailers.

It is available in versions for 24, 27, or 33 pallets. Their maneuverability is due to the Lamberet X-Steering chassis with a directional axle that follows the tractor's steering angle.

With a specific aluminum floor covering, synthetic protections for skirting boards, a pneumatically assisted insulated curtain, and a noise-resistant tail lift platform surface, this SR2 X-City is eligible for the Piek label, allowing quiet night deliveries.



- 12% more loading space compared to a rigid truck of the same size.
- Up to 60% additional payload.
- Integrated and timed air curtain.
- ERGOWALL 2.0 insulated partition.
- X-Steering system: reduces fuel consumption and tire wear.

## DISTRIP+

In urban environments, delivery locations make it challenging to use swinging rear doors. The Lamberet Distri+ P V3 insulated curtain, assisted, autonomous, and 100% pneumatic, allows for quick deliveries while optimizing and respecting the cold

chain. Its ergonomic controls and pneumatic assistance ensure quiet opening and closing, while providing effective insulation for frozen products.



# Renault Trucks D Wide 19 E-Tech

Electric delivery rigid with body and cooling unit powered by traction batteries.

**FRIGOLINE  
HD**



Lamberet, an extensive range already available for any electric truck:

D Wide 26T



D Wide 16T



The electric distribution truck is a reliable solution for supplying stores in the city center. The Renault Trucks E-Tech Frigoline HD Delivery Truck already complies with the Low Emission Zones (LEZ) standards.

Thanks to its powerful electric motor, emitting no gases and with an extremely low noise level, it offers an efficient solution tailored to the requirements of ecological transition. With a Gross Vehicle Weight Rating (GVWR) of 19 tons, a loading capacity of 18 pallets, a 100% electric multi-temperature cooling unit, and a retractable liftgate, all combined with a Lamberet Frigoline HD refrigerated body, **this vehicle is the ideal solution for Zero Emission, Zero Noise urban delivery.**

The Lamberet Frigoline HD body encapsulates the brand's expertise for Distribution operations,

featuring reinforced insulation combined with durable and resistant assembly technology. Thanks to its ergonomic design, the ERGOWALL partition facilitates multi-compartment transport for operators, while remaining resistant to the repeated impacts during loading.

The Carrier Engineless 100% electric TRS Syberia cooling unit ensures the cooling process, featuring two evaporators for transporting fresh and frozen goods in different compartments (-/+ or +/- or +/-). This unit guarantees optimal operation for a route with multiple unloading points.

- Eligible for PIEK label for silent deliveries.
- Significant reduction in gas emissions and noise nuisance.
- Maximum insulation, minimum energy consumption.



**WE INNOVATE. YOU GAIN.**



**#Innovations1st**

**100** <sup>1<sup>st</sup></sup> COOLING UNIT  
**% INTEGRATED**  
ULTRA - ENERGY - EFFICIENT

**e-COOLJET  
106**

Lamberet is leading a new era of conversion for refrigerated vehicles.

Our Kerstner e-CoolJet 106 cooling unit integrates the compressor and condenser underneath the chassis to preserve aerodynamics, ensure accessibility to underground parking, and maintain the original WLTP certification of your van or platform-cab. With a peak power consumption of only 45 A, the e-CoolJet 106 is suitable for all your refrigerated vehicles in ATP A-Class, whether they are thermal or electric.

double impact:

## Peugeot e-Partner van

EASYFIT

100% electric, 100% refrigerated, featuring high efficiency cooling unit.

The e-Partner is an **electric van** available in 2 sizes: M (wheelbase 2785 mm) or XL (wheelbase 2975 mm). Paired with the KERSTNER e-CoolJet 106 cooling unit, it is a perfect match for transporting goods under controlled temperatures in city centers. With a volume of 1.7 m<sup>3</sup> or 2.1 m<sup>3</sup>, it can carry up to 12 Euroboxes!

Its loading area benefits from a reinforced-class integrated insulation according to ATP certification standards. The sliding side door fitted with a double sealing according to DIN 1815 tightness specifications, the reinforced anti-wear floor, and the anti-shock protections on the wheelcases and thresholds ensure the successful execution of distribution missions whatever the situation!

- The original cab partition wall is retained for increased safety and soundproofing
- Insulated sliding side door
- Integrated cooling unit preserving original overall height of 1.82 m
- Ultra-low energy consumption cooling unit: ensures optimal driving range

**Kerstner**  
e-COOLJET  
106



Up to **2,1m<sup>3</sup>**

Up to **12 Euroboxes**



## Mercedes Sprinter van

EASYFIT

Easyfit Integrated Insulation, the Pros' Refrigerated Van!

The Mercedes Sprinter van is available as a refrigerated version in two dimensions: 37S (wheelbase 3665 mm) and 43S (wheelbase 4325 mm with short rear overhang).

In this configuration featuring a direct drive cooling unit and reinforced-class high-efficiency Lamberet insulation kit, it is suitable for transporting both fresh or frozen foodstuffs. The integration of the unit above the cab ensures no compromise to the overall height or aerodynamics. Moreover, the non-slip floor with two drains minimizes risks during cargo handling maneuvers. Ideal for distribution, it is well-suited for loading of Euro pallets, including through the side door which benefits from an unprecedented useful width of 1.22 m!

- ATP certified "reinforced-class" insulation, test based on Sprinter
- Insulated sliding side door
- Retained cabin partition for increased safety and comfort
- Business customization packages available



Up to **11m<sup>3</sup>**

Sub-zero cold capacity

## KLEUSER FREEONES

The CoolBike to ensure the final stretch of the last-mile delivery!



## FRIGOLINE

**Zero emission, zero noise**, this pedal-powered utility vehicle benefits from an electric assistance and a highly stable tricycle architecture. It offers powerful braking, a payload of up to 220 kg, and safety features such as the cruise control, a reverse motion buzzer, a complete lighting kit with a high-beam doubling, and even a rearview camera. Its body comes with a reinforced-class insulation certified by ATP, with **a state-of-the-art K-value thanks to the 85 mm thick Lamberet composite panels**. As a result of this exclusivity, cold-loss is led to a minimum.

A range of configurations allows adaptation to your business needs: positive or negative cold, full rear opening, or **full side opening with two independent swing doors**, multi-compartment, and more: just do imagine your business!

- Distribution through the Renault Trucks network in most countries
- All-in-one solution for both drive and refrigeration
- Up to 1.3 m<sup>3</sup>

PREMIERE: Full side opening



## Nissan Townstar EV Platform-cab

Downtown deliveries? Nothing easier thanks to the new Nissan Townstar Platform-cab !

**An exclusive innovation, it is now available for the first time ever in the "Aero" body version, with an overall height of 1.90 m.**

- 100% Electric EV version, drive and refrigeration
- Positive cold, ultra-low energy consumption
- Without additional battery pack

It adapts to any situation: no more issues accessing underground parking, and it passes through tolls in class 1. Moreover, perfectly streamlined, it preserves its energy consumption. In the 100% electric EV version, it benefits also from the high efficiency of the Kerstner eCooljet 106 cooling unit and from the reinforced-class insulation quality, ATP certified, to maximize its range: less energy loss, more aerodynamics, better range...

In this L1 Aerobody configuration, the most compact, its overall length remains below 5 meters and the loading area already offers over 3 m<sup>3</sup>! The Nissan Townstar Platform-cab is also available in the long L2 version, and with the Maxi body for an overall height of 2.18 m, offering in this case up to 5m<sup>3</sup>.

Overall Height 1,90m



# Renault Kangoo Platform-cab L2

A compact refrigerated platform-cab that packs a punch!

Lamberet introduces its Frigoline body on the new Renault Kangoo platform-cab L2 for the first time! In this configuration, the loading area reaches the record volume of 5 m<sup>3</sup>! This version added, Lamberet offers the widest range of conversions on the Kangoo platform-cab: 2 lengths (L1, wheelbase 2716 and L2, wheelbase 3100) and -Lamberet exclusive- 2 body heights, "Maxi" at 2.18 m overall, and innovation, "Aero" at 1.90 m overall, specially adapted for underground parking, tolls, and a perfect aerodynamics. These 4 versions are available in gasoline, diesel, and 100% electric!

Equipped with the KERSTNER eCooljet 106 cooling unit powered by the traction battery, whether the engine is thermal or electric, it can handle the most demanding positive cold distribution missions thanks to its very high energy efficiency and hot gas defrost. Housed in the spare wheel location, subframe, this reliable, compact, and lightweight unit is naturally the ideal partner for the 1.90m overall height.

- Reinforced class insulation quality, ATP certified
- Option for a side door and multi-compartment on L2
- 3 choices of rear openings: OB1, OB2, and OT2

Up to 5m<sup>3</sup>

Up to 20 Euroboxes

FRIGOLINE



### Personalization for your business: Lamberet's expertise.

This Kangoo Platform-cab mobile store-display configuration is designed for a prominent name in direct sales of fresh products at home. Two side awning openings provide a great access to upper shelves that can showcase dry products and beverages. Meanwhile, lower refrigerated counters, accessible through display cases, take care of perishable goods.

### High-end features:

- High-brightness LED lighting with PIR infrared sensor
- Kickstrips and wheelcases protection
- Multi-lip door sealings
- Optional rear parking radar and camera



## Iveco eDaily Chassis-cab

**FRIGOLINE  
PRO**

Our Frigoline Pro range offers a professional insulated body solution dedicated to chassis-cabs up to 7.5 tons of GVW.

An innovation, **the new eDaily, built by Lamberet in partnership with Fraikin and Carrier**, achieves an ideal synthesis: palletizable, 13 m<sup>3</sup>, negative cold, 100% electric, both for traction and refrigeration, without an additional battery pack!

- Zero emissions, 100% electric
- ePTO 15 kW
- Drive & refrigeration
- Better range



The new Carrier Pulsor eCool cooling unit **connects directly to the vehicle's 15 kW ePTO supply**, plugged to the original drive battery. It utilizes the high-voltage direct current from the chassis battery system.

This project benefits from Lamberet's "**Urban Delivery Concept**" approach: to maximize autonomy, **energy loss must be minimized**. The Frigoline Pro technology offers the best mass/insulation ratio for this purpose. It combines 100% composite panels with a high-performance polyurethane core, **increased to 85 mm thickness** (a Lamberet exclusive) without metallic inserts, elastomeric seals with 6 micro-grooved lips for perfect sealing, and an ultra-lightweight modular aluminum subframe.

**This makes it the most suitable refrigerated body for electric vehicles.**



13 m<sup>3</sup>

Negative Cold

**FRAIKIN**  
YOU DRIVE. WE CARE

**Carrier**  
TRANSCOLD

## JAC Motors iJAC 7.5 T

## FRIGOLINE CITY

Access to historic urban centers is increasingly regulated, encompassing restrictions on vehicle dimensions, noise levels, and increasingly ambitious pollution standards.

Lamberet and JAC Motors join forces to meet this challenge.

Drawing on its expertise and experience in the field of semi-trailers and high tonnage refrigerated rigs, LAMBERET has developed "Frigoline City," a refrigerated body specifically designed for the light rigid vehicle segment in between 7 and 12 tons GVW.

Paired with a JAC Motors cab chassis and the Carrier Engineless XARIOS 8 MT cooling unit connected to the original drive battery through a power box, this body combines 100% electric drive & cool, lightness, robustness, and versatility.

With a loading capacity of 8 pallets and its transverse insulated partition allowing for multi-temperature use and a retractable taillift for easy loading and unloading maneuvers, it provides an economic and ecological solution to meet the mass-distribution challenges in city centers.

- 100% electric, 107 kWh batteries, drive and refrigeration
- Reinforced insulation minimizing energy loss to preserve range
- Local zero emission during use
- Minimum noise and vibration
- Advanced cab: ideal compactness/volume ratio in the city
- GVW of 7.5 tons, with a 700 kg battery bonus (country dep.)



**JAC**  
MOTORS

+100



WEBSITE  
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 **LAMBERET**



doubleimpact

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