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BOXES & TRAILERS

I S O T H E R M A L

R E F R I G E R A T I N G

 **LAMBERET**



BOXES & TRAILERS
Isothermal
Refrigerating

**A SINGLE TECHNOLOGY
 FOR MULTIPLE
 DIMENSIONS**



Lamberet, which specializes in refrigerated vehicles, designs, produces, and sells a full line of boxes and trailers.

Depending on your business, the volume you want, and the payload, Lamberet can offer you the best isothermal or refrigerated solution for your needs.

These professional-quality vehicles are ATP-certified and have "heightened" insulation as a standard feature, based on the regulations in force for transporting perishable foodstuffs. An ATP certificate (previously, veterinary qualification) comes with your equipment.

Lamberet trailers meet the requirements of:

- > food service businesses
- > hunting companies
- > home distribution
- > the meat sector
- > leasing (short- and long-term)
- > occasional storage and transportation (market, event) of fresh products.



+ LAMBERET'S BENEFITS

"OB" door:

Lamberet trailers come standard with an "OB1" single-leaf door. Shifted to the right to make distribution easier, its multi-lip seals provide excellent impermeability.

The closing system is made up of a stainless steel rod controlled by an ergonomic single-motion "Easy Handle".

In the 1300 and 2000 kg versions, two dimensions are available: 1780x830 or 1930x980 mm.

"OT" door:

As an option for 1300 and 2000 kg trailers, the "OT2" full-opening door is made up of two leaves that offer the full width of the vehicle for loading access.

This solution is ideal for quick loading and unloading, stacking on pallets, and transporting meat products.

The single-motion "Easy Handle" allows for easy, ergonomic handling.





LAMBERET: AN EXPERT IN COMPOSITES TECHNOLOGY

ATP regulations:

The transportation of perishable foodstuffs is subject to dual regulations:

- a legal obligation to achieve results, requiring that products must be kept at the temperature indicated by law (<http://agriculture.gouv.fr/securite-sanitaire-le-paquet-hygiene>).
- an obligation of means, which requires using an ATP-approved transport solution.

Lamberet trailers benefit from ATP compliance certification, "Heightened Isothermal" qualification, issued by the competent authority Cemafrroid (www.cemafrroid.fr).

Lamberet insulation is the fruit of years of experience, research and development. It represents proficiency in a technology dedicated solely to cold.



Combining composite materials which are complicated to implement and have a strong insulating capacity, our panel offers incomparable advantages: at least 16% more insulating than a metal-sided panel, ideal for refrigeration applications because it is non-conductive, uses no metal and is thus non-corrosive, and economical to repair, waterproof and steamproof. This leading technology in the field of refrigerated industrial vehicles provides you with better preservation assurance and an optimized economic return by limiting the use of your cooling unit.



SWAP BOX

isothermal

SWAP BOX

refrigerated



In the "heightened isothermal" version, this swap box meets ATP regulations as a means of transporting perishable foodstuffs at above-freezing temperatures, for a maximum distance of 80 kilometres without transshipments (without doors opening).

Based on the isothermal swap box equipped with an "above-freezing" cooling unit, suited to any distance of transportation and to the distribution of perishable foodstuffs in accordance with ATP regulations.

+ BENEFITS

The best level of insulation ("heightened" ATP) ensured by Lamberet composite panels

Dimensions suited to most light utility vehicles and large multipurpose vehicles

Optimized volume: 0.8 m³

EQUIPMENT

- Extra-thick (85 mm) insulating panels with a polyurethane core
- Interior and exterior coating made of anti-shock polyester
- Antibacterial-treated white gel-coat
- Lockable single-leaf door
- 2 removable 75 mm roof grates for replaceable eutectic plates (plates not included)
- 2 handles on each side



+ BENEFITS

Eligible for ATP "FRAX" marking and certification

Powerful Transcool Wallis cooling unit (540 W / 0°C / 30°C)

Two-mode: Road (supplied by the pulling vehicle) and 230V mains

EQUIPMENT (isothermal box +) :

- "Road" plug-in kit, including: Cable, two-contact half-plug + one auxiliary
- Pre-equipment supplies for connecting the unit to the pulling vehicle: Additional half-plug and circuit breaker
- 230V "mains" plug-in kit: Transformer, electric kit, and one diode bridge
- Suitable for vehicles with a 90A or greater alternator (or installing an optional power kit post-sale)
- No grid for eutectic plates



TRAILER

500 KG GWR

isothermal or refrigerating

TRAILER

750 KG GWR

isothermal or refrigerating



Assembly of an isothermal or refrigerating box on a single-axle chassis qualified for a GVWR of 500 kg, this trailer complies with perishable foodstuff transportation laws and is compatible with most vehicles equipped with a hitch, including sedans*.

Professional quality accessible with a B* or B96* permit! This assembly combines an isothermal or refrigerated body of very high quality, with a robust, stable single-axle chassis. Ideal equipment for transportation or as a cold room with occasional boosts.



BENEFITS

An additional useful volume of 0.8 m³

Approved means of transporting cold perishable foodstuffs for 80 km without transshipments (isothermal version)

With "road" cooling unit, meets ATP regulations for above-zero cooling without any distance restrictions

With 230V "mains" cooling unit, serves as a mobile cold room with occasional boosts

* with a suitable vehicle and in the context of current legislation.

EQUIPMENT

(isothermal or refrigerated box +):

- High-resistance chassis made of welded galvanized steel
- 1 axle with 155/70 R13 wheels + jockey wheel with diameter 48
- Spare wheel mount with 1 wheel and 1 crank
- Certified recessed lighting
- Lateral rear stabilizing stands
- 420 mm-high drawbar with ball 50 mm in diameter



BENEFITS

4 configurations to choose from: isothermal (no cooling unit, transports less than 80 km without transshipments), with mains-powered unit only (booster cold room) or refrigerated with road-usable unit alone or with both road and mains (transport for all distances and occasional-boost cold room)

Powerful, durable "heightened" insulation with ATP approval

Foot-step incorporated into body

Optimized useful volume: 2.8 m³

* with a suitable vehicle and in the context of current legislation.

EQUIPMENT

- Extra-thick (85 mm) insulating panels with a polyurethane core
- Impact-resistant polyester walls with antibacterial white gel-coat surface
- Smooth gray flat floor, with one siphon
- Swing-open 1250 x 850 mm door, lockable, with "Easy Handle"
- Galvanized steel body, single-axle, outer 155/70 R13 wheels
- 420 mm-high fixed drawbar with ball 50 mm in diameter
- Inertia braking with automatic reverse and power parking brake
- Jockey wheel and stabilizing stands
- Spare wheel and crank



TRAILER

1300 KG GVWR

isothermal or refrigerating



TRAILER

2000 KG GVWR

isothermal or refrigerating



Designed for food service and event professionals*, the 1300 kg trailer combines a substantial useful volume of nearly 5 m³ with options to adapt to each activity: Pallet-ready version with "OT" rear door, meat hooks, special food shelves for caterers, etc.

Offering 5 to 7 m³ of useful volume, this is a true customizable vehicle based on your activity and suited to the transport of large-volume perishable foodstuffs. In its "meat door" version with full rear opening, meat hooks, extra useful height, and red-tinted no-slip floor, this is the ideal solution for meat industry professionals.

+ BENEFITS

Stable two-axle chassis adapted to long distances

Up to 690 kg of payload

Configuration 100% adaptable to your business

Meets perishable foodstuffs transport regulations: "Reinforced Isothermal" quality approved by ATP

No-slip foot-step to ensure easy access

* with a suitable vehicle and in the context of current French laws: B96 or BE permit that may be required depending on the GVWR of the pulling vehicle.

EQUIPMENT

- Extra-thick (85 mm) insulating panels with a polyurethane core
- Impact-resistant polyester walls with antibacterial white gel-coat surface
- Flat grey no-slip floor, 1 siphon
- Aluminium plinth 140 mm high
- Swing-open 1780x830 mm door, lockable, "Easy Handle"
- Galvanized steel body, two-axes, 165/70 R13 wheels outside the body
- 420 mm-high fixed drawbar with ball 50 mm in diameter
- Inertia braking with automatic reverse and power parking brake
- Automatic jockey wheel 60 mm in diameter and stabilizing stands

+ BENEFITS

Stable two-axle frame adapted to tall loads

Ideal for transporting large pallet containers

Available in three useful heights (1800, 1950, 2050 mm)

Meets regulations for transporting perishable foodstuffs: "Heightened Isothermal" quality approved for ATP, HACCP "Hygiene" specifications

No-slip foot-step to ensure easy access

EQUIPMENT

- Extra-thick (85 mm) insulating panels with a polyurethane core
- Impact-resistant polyester walls with antibacterial white gel-coat surface
- Flat grey no-slip floor, 1 siphon
- Aluminium plinth 140 mm high
- Swing-open 1780x830 or 1930x980 mm (optional) door, lockable, "Easy Handle"
- Galvanized steel body, two-axes, 175 R 14 C wheels outside the body
- 420 mm-high fixed drawbar with ball 50 mm in diameter
- Inertia braking with automatic reverse and power parking brake
- 70 square jockey wheel, stabilizing stands
- Spare wheel and crank



Additional equipment



Refrigeration unit: An isothermal trailer is limited by regulations to perishable foodstuffs for a distance of 80 km without opening the doors. With a refrigeration unit, your trailer becomes a cold room with occasional boosts (mains-powered model alone, seen in photo) or enables transport over any distance (road function).



Unit control and mains connection: The digital controls make it possible to set the desired temperature and display the current temperature. An outside plug, equipped with a special extender (8m or 15m, optionally), is used to connect the mains function (optional) to the domestic 230V network (min. 16 A).



Vehicle connection (road mode): In road mode (optional), the electrical unit is connected by means of a "fenwick" plug to the pulling vehicle's battery, whose alternator must have at least 90 A. Below that, a "power kit" installed post-sales is adaptable to some vehicles.



Securing rails and runners (optional): The aluminum runners protect the walls from repeat impacts. The securing rails secure and stabilize your goods during transport.



Adjustable and liftable shelves (optional): Height-adjustable and liftable, the shelves are available for multiple levels and two depths (400 or 500 mm). 100% aluminium (corrosion-resistant), they are secured in a lifted position by mechanical rods.



Middle shelf (optional): This shelf forms one or more additional loading levels for storing your food items. Modular and removable, a shelf is formed of slatted aluminium racks for better ventilation.



Meat hooks (optional): In the meat transport version, trailers of 750 kg and above have inserts in the roof for fastening the right system for your business: Fixed or removable hook bars, slider-type hangers, bi-rails, tubes, or a hybrid. Additionally, the floor can be red-tinted, no-slip treated coarse-grained steel.



Grating (optional): The floor is covered with removable, slatted plastic slabs, which are easy to wash, in order to allow optimized ventilation, prevent contact between food items and the ground, and protect the cargo from condensation moisture. Recommended for the HACCP hygiene approach.



Door retainer: Lamberet trailers have a door retainer (made of rubber or T-shaped, depending on the model). To facilitate operations in narrow parking areas, 180° retainers are optionally available (see photo).



Anti-theft lock (optional): For heightened security, this dedicated lock fastens onto the drawbar, thereby preventing anyone from towing away your trailer. Ceiling light (not depicted): If the body is equipped with a cooling unit, a ceiling light illuminates the loading area.



Body fittings (standard): All trailers are equipped with a full set of fittings: A jockey wheel to facilitate turning; two stabilizing stands at the rear and a parking brake for static usage or parking; a spare wheel and crank; a 13-pin trailer plug with removable 7-pin adapter.



Footstep: Built into the 750 kg version or attached onto the 1300 or 2000 kg version, the fixed steel "one-level" no-slip foot-step makes it easier to access the loading area.



	ISOTHERMAL REMOVABLE BOX	REFRIGERATED REMOVABLE BOX	TRAILER 500 KG
Usable length	1 200	1 200	1 200
Usable width	810	810	810
Max useful height (besides evaporator)	820	820	820
Overall length	1 390	1 680	2 570
Overall width	985	985	1 410
Overall height	1 000	1 000	1 466
Volume (m³)	0.81	0.81	0.81
Minimum unladen weight (kg)*	85	135	220
MAM (maximum authorized laden weight)	NA	NA	500



	TRAILER 750 KG	TRAILER 1,300 KG	TRAILER 2,000 KG
Usable length	1 620	1 830	2 450
Usable width	1 220	1 420	1 420
Max useful height (besides evaporator)	1 400	1 800 / 1 950 / 2 150	1 800 / 1 950 / 2 150
Overall length	3 360	3 550	4 180
Overall width	1 900	2 060	2 090
Overall height	2 070	2 455 / 2 605 / 2 805	2 515 / 2 665 / 2 865
Volume (m³)	2.8	4.7 / 5.0 / 5.6	6.3 / 6.8 / 7.5
Minimum unladen weight (kg)*	420	610	780
MAM (maximum authorized laden weight)	750	1 300	2 000

*Not counting options or cooling unit on trailers. Indicative average weight of a 100 kg electric cooling unit. Dimensional tolerances: +/- 5%

PERMIT REGULATION FOR BRAKED TRAILERS

(Since January 19, 2013 in France)

This data is an example, refer to the current road code: www.service-public.fr/particuliers/vosdroits/N530

<p>If the GVWR of the trailer does not exceed 750 kg, a B permit is enough</p> <p>&</p> <p>If the total GVWR (pulling vehicle + trailer) is less than or equal to 3500 kg</p>	<p>GVWR TRAILER</p> <p>≤ 750 kg</p>		<p>B PERMIT</p>
<p>If the total GVWR (pulling vehicle + trailer) is between 3501 kg and 4250 kg inclusive</p>	<p>GVWR TRAILER + VEHICULE GVWR</p> <p>≤ 3500 kg</p>		<p>B PERMIT</p>
<p>If the total GVWR (pulling vehicle + trailer) is between 3501 kg and 4250 kg inclusive</p>	<p>GVWR TRAILER + VEHICULE GVWR</p> <p>between 3501 kg & 4250 kg</p>		<p>B96 PERMIT</p>
<p>If the total GVWR (pulling vehicle + trailer) is between 3501 kg and 7000 kg inclusive</p>	<p>GVWR TRAILER + VEHICULE GVWR</p> <p>between 4251 kg & 7000 kg</p>		<p>BE PERMIT</p>

Depending on the road code, a GVWR trailer above 500 kg must have its own license plate. Lamberet has SIV authorization from the French Ministry of the Interior and offers the ability to carry out grey-card formalities on your behalf.