



RIGID
HD
HEAVY DUTY

12 > 32^T

Cold transport tailor-made for your requirements





12 > 32 T

FLEXIBILITY SERVING YOUR PROFITABILITY



The new Lamberet HD (Heavy Duty) CX System body designed for 12 to 32 tonnes vehicles deploys cutting edge technologies derived from the Lamberet semitrailers, such as the triple thickness bolted frame, double knot door hinges, recessed locking gear, CX aerodynamic front profiles, etc...

Whether mono- or multi-temperature, our latest technical innovations (100% pneumatic Distri+ curtain, upper rear Safelight Full-LED light unit, Gripster PIEK aluminium floor, indirect cryogenic installations...) meet all your requirements.

The new HD 3 hinges reinforced rear frame is ideal for intensive distribution. The aerodynamic has the benefit of a new CX System front profile, which avoids the creation of an aerodynamic vortex between the vehicle cabin and the body, and the smooth, slightly convex rear surface fluidifies drag resistance.

Pallets, trollies, flora, hung meat, chilled, frozen, ice cream... Lamberet offers you a personalised solution adapted to your specialist application. Lamberet bodies are fitted on the vehicles but are also valued for the construction of articulated lorries in France and throughout Europe. Their robustness is also suitable for specialist logistics such as road/rail (demountable bodies on support brackets).



THE LAMBERET ADVANTAGES

Cx system front profile:

The vertical CX Profiles integrated on the front face vectorise the air flow laterally and act on the vortex generated between the vehicle's cabin and the body to optimise the overall air penetration coefficient.

Latest generation Duo reinforced rear:

For intensive bay docking operation without damage, our new "Duo" rear configuration incorporates doubled fixings on the cross-member and new technology horizontal HRE buffers, combining resistance, very high energy absorption capacity and retained bearing functionality.





Expert in composite technology

Lamberet insulating panels are the fruit of years of experience, research and development.

The mastery of a veritable technology exclusively dedicated to cold transport.

Developed for cold road haulage, used in the nautical industry for their remarkable seal, the Lamberet composite panels are created from a succession of sealed compartments, to which are added blocks of ultra-insulating foam in sealed cells, with a density of only 35 kg/m³.

Their polyester facing has a heat conductivity coefficient 150 times lower than steel. They are assembled by gluing, with no mechanical fixing, and thus no thermal bridge. In short, this technology is the easiest to repair in the event of an incident, by a significant margin.

You therefore have the benefit of increased safety, and an economy of operation for your refrigeration unit, which also improves maintenance and consumption costs.

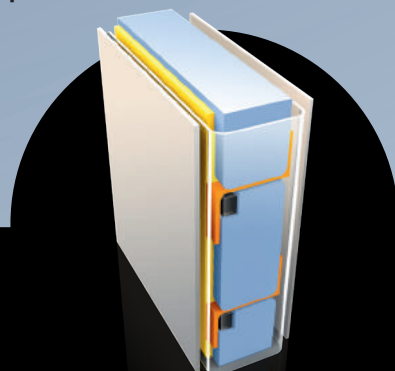
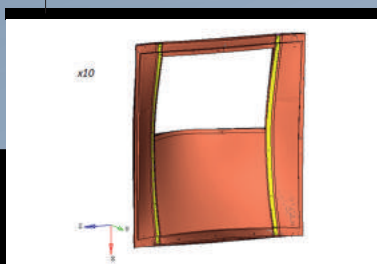
Anti-shock body protection:

The external mouldings encasing the body are in anodised aluminium. Their high density and monobloc design provide enhanced resistance to everyday impacts. Their aerodynamic shape and detailed finish with colouring harmonised with the front CX Profiles and frame are an enhancement to your image.

Safety: THLE front arches.

The front face incorporates 2 safety arches in THLE steel mechanically fixed to the roof and floor. These enable excellent resistance and meet the requirements of the most severe crash tests.

The result is a reinforced structure: +40% deformation resistance.





Rear Heavy-Duty 3 hinge frame:

This is a Lamberet innovation, a new frame combining a very high level of rigidity and integrated protection, significantly reducing incident-related work and repair costs:

Form from a skeleton of THLE welded connections, reinforced by vertical posts in solid aluminium, fixed to the edge of the panels and with a third layer of internal sections in stainless steel, this is assembled by bolting, without welds and thus incorporating no weaknesses. It has an unparalleled weight / strength ratio: with a payload advantage of at least 50 kg compared to an old technology welded steel frame. It combines the best of Lamberet expertise, tried and tested on HD semitrailers of the brand:

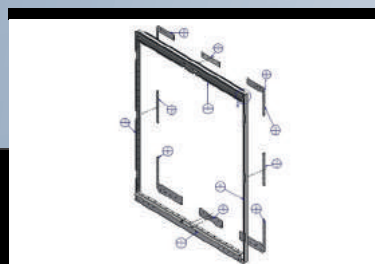
- No visible external fixing, minimising risks of impacts.
- Integrated vertical protection using buffers, including hinges.
- 3 double-knot continuous hinges in stainless steel, removing the open doors from impact zones.

- Exclusively, the recessed, reinforced linkage (\varnothing 27 mm) is protected, providing superior transmission length and a smoother, more aerodynamic rear surface, which is easy to wash and to decorate.
- Dual slope, anti-wear, stainless steel threshold.
- Upper cross-member with cover and buffers protecting the lights (depending on model).
- Doors 90 mm thick for maximum insulation and integrated thermal break.
- Teflon multi-lip monobloc seal, providing ease of opening, even with negative temperatures.

Patented Easy Door-Lock (EDL):

The EDL assisted rotary door stops are an innovation patented by Lamberet. They provide easy and reliable locking on the rear doors.

EASY · DOOR · LOCK
EDL





HD kickstrips: with exceptional stress resistance, exceptional kickstrips: 5 x 7 mm piped seams, recessed return glued and screwed into the floor, at 300 mm glued and riveted to the entire length of the side faces, with additional screwing at the entry to the frame.



Special distribution front (option): dedicated to intensive applications, this includes:
 - shaped buffers to deaden the impacts of pallets and optimise air return
 - a reinforced, threaded aluminium kickstrip 4.7 mm thick, 3 times more rigid
 - a front face vent.



Interinox, partial or full: as an option, the side faces can be coated in partial or full Interinox. This is a veritable doubling of the internal wall; the stainless steel sheeting provides protection from upper impacts from trolleys used in distribution or impacts from carcasses in meat carrying configuration.



Fixed longitudinal partition: these enable general separation of chilled goods from frozen for urban deliveries (from the rear or from the side with doors on the side and within the partition).



Mobile lateral partition: This is an ergonomic element with its own decompression valve, gas jacks or spring dividers adjusted for each internal height,

an integrated synthetic seal reducing friction, and which does not harden when cold. Its integrated profiles protect it from impacts and optimise air flow for each compartment.



Side access by folding or sliding door: to offer ease of access under all circumstances to the loading zone, you have the choice of folding or sliding doors, singles or doubles.



Fixed lateral partition: According to the client's needs, the body can be equipped with a fixed lateral partition with an access door to the front compartment.



High luminosity interior LED lighting: As an option, 4 recessed LED ceiling lights with internal timer switch provide exceptional lighting, low electrical consumption and impeccable durability. The recessed switches and cabling cannot be snagged by handling structures.



Duplex double-level loading: System using vertical recessed rails in the side faces and lateral beams can support 1000 kg, enabling palletisation on 2 levels.



Lamberet bodies can be equipped with all configurations of meat hanging systems and specialist accessories: tubes, bi-rails, Italian slide bars, connecting sections, manuviande...



Made to measure: as proof of its expertise, Lamberet can combine a Distri+ automatic sequence rising door and a folding door on the same body.

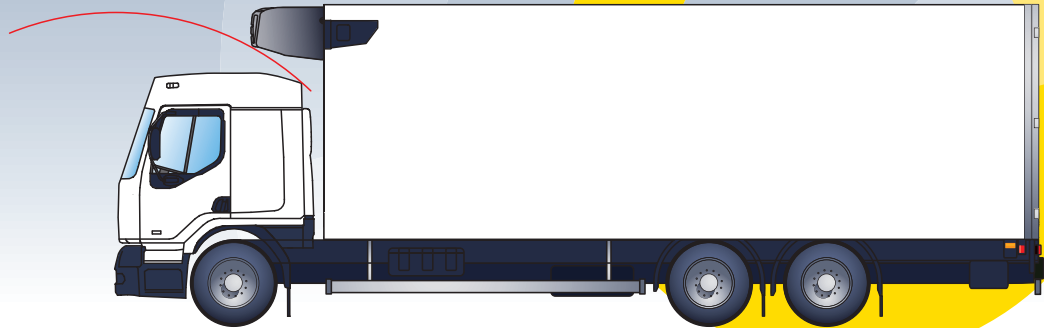


Refrigeration unit technologies: Lamberet can equip your bodywork with all known types of refrigerated units on all types of chassis, even those using natural gas. Our product range includes latest generation indirect cryogenic solutions for mono or multi-temperature operation.

TECHNICAL FEATURES

Validation of the geometry:

Cabin tilting and load distributions validated on order.



Body dimensions:

Only certain combinations of heights, widths, lengths and panel thicknesses are possible depending on GVWR.

Available internal heights: 1.95 m, 2.05 m, 2.15 m, 2.25 m, 2.35 m, 2.45 m, 2.53 m, 2.60 m, 2.65 m, 2.70 m, 2.75 m and 2.80 m.

Available internal widths: 2.26 m, 2.36 m, 2.46 m and 2.50 m.

Correlation table showing exterior body length / number of pallets in mono-compartment version:

Ext. length ⁽¹⁾	4.67 m	5.07 m	5.48 m	5.89 m	6.29 m	6.70 m	7.11 m	7.51 m	7.92 m	8.33 m	8.73 m	9.14 m	9.55 m	9.95 m
Euro pallets ⁽²⁾	11	12	13	14	15	16	17	18	19	20	21	22	23	24

⁽¹⁾ Length measured between the exterior of the front and rear faces. ⁽²⁾ For an internal width of 2.46 m.

Panel thicknesses depending on product range:

Product	XL-Y	XL-X	SL-Y	SL-X	IA-I
Side faces	60	60	45	45	35
Roof	85	115	85	115	85

Types of side opening available:

Depending on the equipment selected, some side openings may not be available.

1 - Single fold-away side door

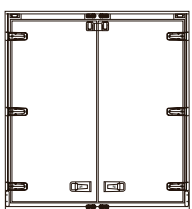
PRODUCT	WIDTH		HEIGHT		
	XL-Y / XL-X	1 000	1 930	2 130	
	1 300	1 930	2 130	2 300	2 430
SL-Y / SL-X	1 000	1 930	2 130		2 430
	1 300		2 130		
IA-I	850	1 930			
	1 000	1 930	2 130		
	1 300	1 930	2 130		

2 - Single sliding door

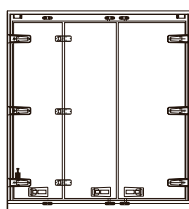
PRODUCT	WIDTH		HEIGHT	
	XL-Y / XL-X	915		1 930
	1 400	1 860	2 130	

Types of rear opening available:

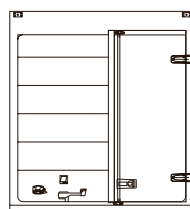
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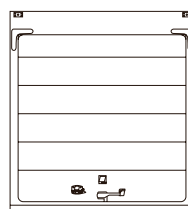
OT2 family



OT3 family



Hybrid family



Curtain family

