



C A B C H A S S I S

NEW **FRIGOLINE**

Refrigeration
for Professionals



Cab chassis
2,5 > 7,5 t

**THE KEY TO SUCCESS
 WHATEVER YOUR
 SPECIALITY**



New Frigoline and New Frigoline Pro offer professional refrigeration body solutions designed to equip all cab-chassis with 2.5 to 7.5 of total permissible laden weight.

New Frigoline and New Frigoline Pro bring together the skills and technology developed by Lamberet for the most rigorous transport applications, tested and approved on our 44-tonne Semitrailers of almost 100 m³. These include expertise in assembling elements that incorporate aluminium and steel with a very high limit of elasticity, to combine reduced dead weight with exceptional resistance; very high level insulation to preserve the foodstuffs being transported and prolong the lifespan of refrigeration groups, while reducing CO₂ emissions; and ergonomics specially designed to increase your comfort and efficiency.

Whatever your profession, a real «Pro» fridge is now available to you, providing catering options, a meat carrier (New Frigoline Pro Beef), multi-temperatures, flower wheel cages, urban distribution and so on.

In terms of dimensions, our refrigerator bodies can always be adapted to your needs and expectations.



+ THE ADVANTAGES OF LAMBERET

Reinforced back

Two buffers covering the threshold and two buffers at the end of the side members absorb shocks from behind. In addition, New FrigoLine Pro has two central buffers for the threshold, two large buffers on the vertical posts of the frame, and two buffers protecting the side marker lights (if the vehicle is fitted with them).

Body shock protector

The outer mouldings surrounding the body are made of anodised aluminium. Their high density and thickness offer extra resistance to minor everyday accidents. Their aerodynamic shape and light grey metal colour give them an elegant and classy finish.





Superior insulation quality

New Frigoline and New Frigoline Pro offer cutting-edge insulation thanks to walls with a minimum thickness of 85 mm, that is 25 mm more than regulation thickness which demands 60 mm.

Lamberet composite technology is devoted exclusively to low temperature, and is the outcome of years of experience in research and development. It is thanks to a combination of materials that is complex to use, without a heat bridge, that incomparable advantages can be obtained: 16% more insulation than a panel with metallic facing, ideal in a variety of temperatures because of being nonconductor and resistant to impacts due to its coating of totally compliant polyester fibre, without metal and therefore without corrosion.

Your foodstuffs are preserved whatever the outside conditions. The working time of the refrigeration group is reduced, with concomitant reduction of consumption and wear.

Designed for intensive use

New Frigoline Pro benefits from a reinforced floor made up of two crossed backing plates 6.5 mm thick, designed to bear the heaviest loads. The frame is protected from impacts when handling goods by stainless steel angle bars covering the whole length of the posts.

Reinforced watertightness

The 100 mm double floor plinths give lasting protection to the body when loading. New Frigoline Pro offers extra-tall (160 mm) HD ribbed plinths and front angle bars to reinforce watertightness and facilitate cleaning.





Adaptation of aluminium chassis

The stub frame is completely modular and, together with the cyclist crash guards, combines excellent rigidity with controlled weight.

These accessories are available for attaching to the body and can be adapted to any size of cab chassis. The wheel mudflaps are semi-circular, in black PU as a basic or stainless steel as an option.



Back frame bolted on and reinforced with double thickness

Composed of a structure of steel gussets with a very high limit of elasticity (THLE) and lined with solid aluminium posts assembled by bolts, it has the benefit of outstanding robustness in relation to weight. It brings together the best that technology has to offer: a double slope extruded threshold, posts set edgewise on panels without exterior riveting and four hinges with continuous stainless steel rods.



« Easy Handle » back doors

These are 85 mm thick, guaranteeing excellent insulation, reinforced by maximum watertightness of the multi-lip elastomer frame seals (6).

Designed for intensive use, the doors with their TO frames have the benefit of being able to move on four large section hinges. The continuous stainless steel hinge pin and double wear bushings guarantee durability and resistance to little everyday bumps. The « Easy Handle » system facilitates opening and closing of the doors :

- double slope threshold assists interior decompression on opening
- design of the cam/keeper mechanism facilitates locking
- new «single movement» handle with an extended ergonomic gripping area requires less effort when manipulating.





1 Leaf (LO1) or 2 Leaf (LO2) Back Opening : allows quick access for distribution and avoids loss of low temperature. They can be adapted to all your needs thanks to their integral headroom and the option with BO1 of hanging the hinges on the right or left.



2 (TO2) or 3 (TO3) Leaf Total Back Opening : take advantage of the integral headroom to facilitate loading of panels for posts. In the case of 3 leaves (TO3), the central leaf, hung on the left or right, also facilitates distribution.



Raised Opening (RO) : the insulating curtain frame which is opened by hand accelerates manoeuvres without any blocking from outside when in the open position. Completely bolted on, it is ultra-resistant.

(For future marketing, please consult us).



New Frigoline Beef : (illustration: New Frigoline Pro Beef) specially designed for transporting meat, this version is fitted with a reinforced roof for attaching a hanging device appropriate to your activity : a bar with hooks, a sliding hanger, two-rail hanger or tube cupboard, with or without connecting section.



Catering fittings : removable shelves of adjustable height, available in several tiers and depths (400, 500, 600 mm) enable you to transport your foodstuffs in an orderly and flexible manner while ensuring that they are protected.



Single (900 mm) or double (900 + 500 mm) side door : these can be adapted to your needs thanks to their integral headroom, multiple positions and the option of hanging BO1 on the left or right. Angle bars protect the posts from impact.



Back access : the double step is retractable, foldable or tip-up, and specially adapted for distribution as it reduces blocking. The 4 or 5-step ladder at the back facilitates loading, especially when used as a meat carrier. The addition of a stirrup offers ultra-quick one-off access.



Tailgate elevator : the back of the chassis can be fitted with different forms of tailgate to facilitate your manoeuvres: folding tailgates or half-tailgates are available in several loads and dimensions.



Side door stirrup : comes as a single or double U, in a two-step version that is fixed or retractable (depending on available space), with an alarm if retractable.



Partial inter-stainless steel cladding : acts as anti-puncture armouring and lies on top of the polyester facing. The stainless steel slows down wear and tear by abrasion and reinforces the sides which are prone to tearing and puncturing by the bones of meat carcasses.



Partitions : these allow several compartments to be created and both fresh and frozen foodstuffs to be transported. They can be fixed lengthwise or crosswise with or without a door, or else sliding crosswise and lifting with the aid of gas struts.



LED lighting : An LED overhead light (two if the interior measures over 3.90 m) guarantees exceptional illumination, low electricity consumption and great durability. It is extra flat, just like the switch plate, thus preventing it catching on packages or handling appliances.

TECHNICAL FEATURES

(New Frigoline & New Frigoline Pro version – 85mm thickness – TO type back (lengths +24mm for LO)/105 mm thickness: only with interior width of 1.86 m and 2.02 m)

Exterior width		1 994					2 087					2 237				
Interior width		1 824					1917					2067				
Interior height		1 800	1 950	2 050	2 150	2 250	1 800	1 950	2 050	2 150	2 250	1 800	1 950	2 050	2 150	2 250
Exterior length	Interior length	Volume in m ³														
2 750	2 580	8,5	9,2	9,6	10,1	10,6	8,9	9,6	10,1	10,6	11,1	9,6	10,4	10,9	11,5	12,0
2 850	2 680	8,8	9,5	10,0	10,5	11,0	9,2	10,0	10,5	11,0	11,6	10,0	10,8	11,4	11,9	12,5
2 950	2 780	9,1	9,9	10,4	10,9	11,4	9,6	10,4	10,9	11,5	12,0	10,3	11,2	11,8	12,4	12,9
3 050	2 880	9,5	10,2	10,8	11,3	11,8	9,9	10,8	11,3	11,9	12,4	10,7	11,6	12,2	12,8	13,4
3 150	2 980	9,8	10,6	11,1	11,7	12,2	10,3	11,1	11,7	12,3	12,9	11,1	12,0	12,6	13,2	13,9
3 250	3 080	10,1	11,0	11,5	12,1	12,6	10,6	11,5	12,1	12,7	13,3	11,5	12,4	13,1	13,7	14,3
3 350	3 180	10,4	11,3	11,9	12,5	13,1	11,0	11,9	12,5	13,1	13,7	11,8	12,8	13,5	14,1	14,8
3 450	3 280	10,8	11,7	12,3	12,9	13,5	11,3	12,3	12,9	13,5	14,1	12,2	13,2	13,9	14,6	15,3
3 550	3 380	11,1	12,0	12,6	13,3	13,9	11,7	12,6	13,3	13,9	14,6	12,6	13,6	14,3	15,0	15,7
3 650	3 480	11,4	12,4	13,0	13,6	14,3	12,0	13,0	13,7	14,3	15,0	12,9	14,0	14,7	15,5	16,2
3 750	3 580	11,8	12,7	13,4	14,0	14,7	12,4	13,4	14,1	14,8	15,4	13,3	14,4	15,2	15,9	16,6
3 850	3 680	12,1	13,1	13,8	14,4	15,1	12,7	13,8	14,5	15,2	15,9	13,7	14,8	15,6	16,4	17,1
3 950	3 780	12,4	13,4	14,1	14,8	15,5	13,0	14,1	14,9	15,6	16,3	14,1	15,2	16,0	16,8	17,6
4 050	3 880	12,7	13,8	14,5	15,2	15,9	13,4	14,5	15,2	16,0	16,7	14,4	15,6	16,4	17,2	18,0
4 150	3 980	13,1	14,2	14,9	15,6	16,3	13,7	14,9	15,6	16,4	17,2	14,8	16,0	16,9	17,7	18,5
4 250	4 080	13,4	14,5	15,3	16,0	16,7	14,1	15,3	16,0	16,8	17,6	15,2	16,4	17,3	18,1	19,0
4 350	4 180	13,7	14,9	15,6	16,4	17,2	14,4	15,6	16,4	17,2	18,0	15,6	16,8	17,7	18,6	19,4
4 450	4 280	14,1	15,2	16,0	16,8	17,6	14,8	16,0	16,8	17,6	18,5	15,9	17,3	18,1	19,0	19,9
4 550	4 380	14,4	15,6	16,4	17,2	18,0	15,1	16,4	17,2	18,1	18,9	16,3	17,7	18,6	19,5	20,4
4 650	4 480	14,7	15,9	16,8	17,6	18,4	15,5	16,7	17,6	18,5	19,3	16,7	18,1	19,0	19,9	20,8
4 750	4 580	15,0	16,3	17,1	18,0	18,8	15,8	17,1	18,0	18,9	19,8	17,0	18,5	19,4	20,4	21,3
4 850	4 680	15,4	16,6	17,5	18,4	19,2	16,1	17,5	18,4	19,3	20,2	17,4	18,9	19,8	20,8	21,8
4 950	4 780	15,7	17,0	17,9	18,7	19,6	16,5	17,9	18,8	19,7	20,6	17,8	19,3	20,3	21,2	22,2
5 050	4 880	16,0	17,4	18,2	19,1	20,0	16,8	18,2	19,2	20,1	21,0	18,2	19,7	20,7	21,7	22,7

New Frigoline

- Solution adapted for vehicles of up to 5 tonnes of total permissible laden weight
- ATP agreement issued by CEMAFROID: insulation of «Reinforced» quality
- Body of composite panels (food-grade gel coat – polyester – polyurethane) reinforced with aluminium inserts designed according to HACCP hygiene directives
- Exterior protective mouldings in anodised aluminium
- Double-thickness back frame composed of a structure of steel gussets with a high limit of elasticity under a solid aluminium reinforcement with 4 integrated door hinges (if TO2/TO3)
- Threshold protected by 2 buffers with integral headroom
- Insulating floor in composite, reinforced by crosswise inserts and containing special 12mm backing plate, with 1 AV.D runoff drains
- Smooth aluminium plinths in brackets of h100 mm (with double bottom)
- LED overhead light (1 if Li <3,90, 2 if over that), with box switch
- Doors made watertight with multi-lip elastomer seals (6)
- Aluminium enhanced chassis, h 100 or 160 mm
- 2 vertical buffers at end of side sill
- 1 anodised aluminium cyclist crash guard
- Upper AR side marker lights if width 2.06 m

+ New Frigoline Beef

- Solution adapted for meat-carrying vehicles with up to 3.5 tonnes of total permissible laden weight
- Roof reinforced with inserts to a distance of 610 mm, making it suitable for fixing hangers

+ New Frigoline PRO

- Solution adapted for vehicles with up to 7.5 tonnes of total permissible laden weight
- Floor reinforced with high resistance multi-fold double plywood with a cumulative thickness of 13 mm (2 x 6.5 mm)
- Triple thickness frame (steel with a high limit of elasticity – aluminium – stainless steel) containing stainless steel angle bars for integral protection of posts
- Protection of threshold over its total length and height by 2x2 elastomer buffers
- 2 strong section buffers on vertical posts of frame under the first hinge
- 2 buffers inserted into the AR side marker lamps, if the vehicle is fitted with them
- HD aluminium reinforced ribbed plinths, 160 mm high
- Watertightness reinforced by interior angle bars at front, in brackets on the plinths

+ New Frigoline PRO BEEF

- Solution adapted for meat-carrying vehicles with up to 7.5 tonnes of total permissible laden weight
- Roof reinforced with 35x8 mm insulated steel inserts, to a distance of 610mm, making it suitable for fixing hangers



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