

# Transfor Industries COOL

*Innovative refrigerated truck bodies*



DURABILITY



SPEED



Cargo Van



Cab Chassis



Larger Truck Bodies

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# Transfor Industries COOL

# WHO ARE WE?

Transforcool industries specializes in the design and manufacture of refrigerated vehicles, with a range from 71 to 2,472 ft<sup>3</sup> (2 to 70 m<sup>3</sup>) of vans, chassis cabs and larger truck bodies.



## Expert in Composite Technology

It is the true mastery of the technology exclusively dedicated to cold. Combining composite materials of complex production and high insulating properties, this technology gives our panels incomparable advantages.



### Insulation

The combination of thermal-bridge-free materials provides unparalleled benefits: 16% more insulating than metal base panels, ideal for multi-temperature applications.



### Strength

Both inside and outside coatings are shock resistant that will keep their original appearance over time. The panels are made with both insulating and structural elements that are highly resistant to compression. Because they are totally sealed during the fabrication process, there is no risk of water infiltration in the walls.



### Polyurethane Foam 0% HCFC

A fabrication process is in place to control and optimize the foam's density at all points. Airy and homogenous foam density for a highly efficient insulation. The vehicle strictly contains 0% HCFC.



### Food Industry

100% composite coating is metal and corrosion-free. No pollution risk or degradation of the transported goods. The coating totally protects against humidity, condensation and water.



### Maintenance

Washable with high-pressure water and detergent without any risk of corrosion, is resistant to natural products and chemicals. No infiltration risk between the panels.

## Refrigeration

For our work, we use the highest quality components from the best specialists in the transport refrigeration industry.

## OUR PRODUCT OFFERING

**NEW FRIGOLINE - GVWR of transportation vehicle ranging up to 16,535 lb. (7,500 kg)**  
Truck body length from 10 to 16 ft.



**GVWR of transportation vehicle ranging from 16,535 lb. to 26,456 lb. (7,500 kg to 12,000 kg)**  
Truck body length of box from 11 to 20 ft.

**GVWR of transportation vehicle ranging from 26,456 lb. to 70,548 lb. (12,000 kg to 32,000 kg)**  
Truck body length from 15 to 32 ft.



### Uses

Whether you have pallets, flowers, fresh produce, frozen produce, ice cream, piece of meat hanging, health or pharmaceutical products, Transforcool has the solution. Whether it's mono or multi temperature, our technical solutions including removable or fixed partitions, swinging or sliding side doors, swinging, roll-up or awning rear doors, sliding ramps, folding or retractable tailgates will answer all your requirements.

**NEW FRIGOLINE - GVWR of transportation vehicle ranging up to 16,535 lb. (7,500 kg)**  
 Truck body length from 10 to 16 ft.



The NEW FRIGOLINE truck body made with “high-efficiency insulation”

**NEW FRIGOLINE AESTHETIC, LIGHT AND ERGONOMIC**

- Shockproof protection: the exterior mouldings surrounding the box are made of anodized aluminium.
- Reinforced insulation: 100 mm (3.93 in) protection rails at the base with double return on floor protect the box while loading.
- Adapted aluminium chassis; bolted double-layer reinforced rear frame.

Back doors are easy to handle due to the conception of the gasket made with high-efficiency and friction resistant elastomer materials.

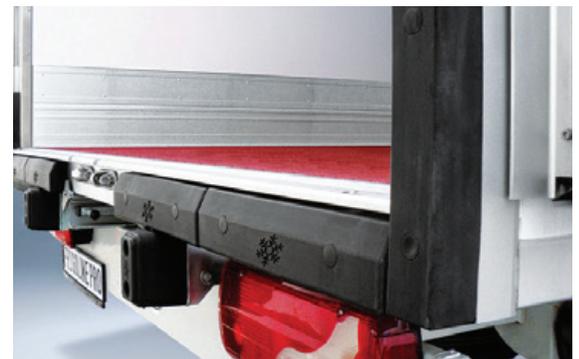
**DESCRIPTION OF THE TRANSFORMATION**

The NEW FRIGOLINE truck body made with “high-efficiency insulation” 85 mm (3.35 in) thick composite panels are coated with an antibacterial -polyester- polyurethane gel coat. Aluminium inserts are integrated in the panel, designed to meet the HACCP hygiene guidelines.

- 5 available back door types.
- Standard equipment: bolted double-layer reinforced rear frame, “Easy Handle” back doors, interior LED lighting, none slippery, anti-wear aluminium floors, retractable back access stepladder, HD ribbed protection rails and front angle bars to reinforce water-tightness and facilitate cleaning.

**REFRIGERATION**

Power adapted to your needs for fresh or frozen applications.



Reinforced back



Reinforced insulation (water-tightness)

**GVWR of transportation vehicle ranging from 16,535 lb. to 26,456 lb. (7,500 kg to 12,000 kg)**  
**Truck body length from 11 to 20 ft.**



- Tailor-made refrigeration solutions
- Truck bodies that adapt to all chassis
- The composite construction of its panels is lighter which will improve the payload
- Mono or multi temperature, our technical solutions including removable or fixed partitions, swinging or sliding side doors, swinging, roll-up or awning rear doors, folding or retractable tailgates will answer all your requirements.
- Transforcool's technology gives you high-quality insulation, protecting the transported commodities and prolonging the refrigeration units while lowering the CO2 emissions.



## Advantages

### REINFORCED REAR PROTECTION

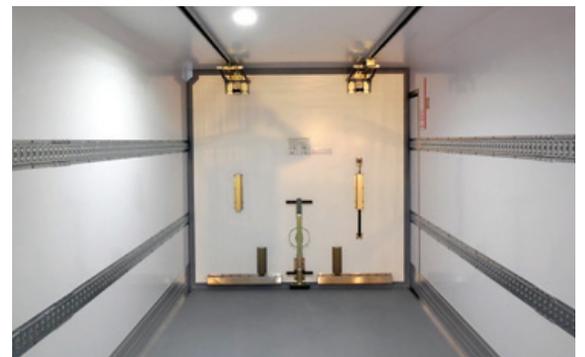
As an option, the rigid vehicle chassis can be fitted with reinforcement arms and roller bumpers in order to absorb the shocks during the frequent loading/unloading operations and protect the bodywork.

### DUPLEX PACK

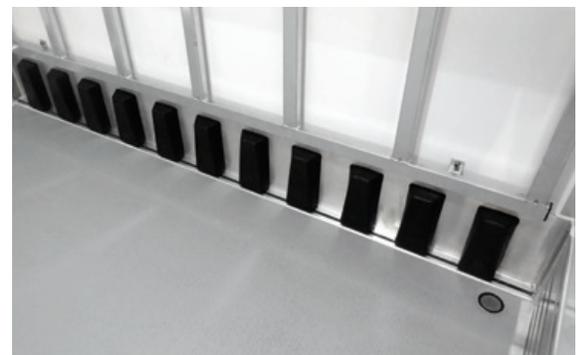
System with recessed vertical rails in the lateral surfaces and bars able to support 1000 kg. allowing palletizing on 2 levels.

### THE ISOTHERMAL QUALITIES AT THE SERVICE OF YOUR REFRIGERATION UNIT

By lowering its operational time, it reduces its consumption, wear and tear and maintenance costs. All these points contribute to sustaining its residual value and reducing its cost of ownership.



Ergonomic and mobile lateral partition (option)



Front protection: grid and rubber bumpers

**GVWR of transportation vehicle ranging from 26,456 lb. to 70,548 lb. (12,000 kg to 32,000 kg)**  
*Truck body Length from 15 to 32 ft.*



## Advantages

### CX SYSTEM FRONT PROFILE

The integrated vertical CX profiles on the front face of the truck body vectorizes the air flow laterally out and act on the vortex generated between the vehicle's cabin and the body to optimize the overall air penetration coefficient.

### LATEST GENERATION DUO REINFORCED REAR

For intensive bay docking operation without damage, our new "Duo" rear configuration offers resistance, very high energy absorption capacity and retained bearing functionality.

### ANTI-SHOCK BODY PROTECTION

The external mouldings are made of anodised aluminium. Their high density and monobloc design provide enhanced resistance to everyday impacts.

### SAFETY

The front face incorporates 2 safety arches made of steel mechanically fixed to the roof and floor for an excellent resistance at the most severe impacts. The reinforced structure insure more than 40% deformation resistance.

### 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.

### HEAVY-DUTY TRIPLE HINGE REAR FRAME

Our innovative frame is bolted, without any welds for an unequalled structural rigidity.

- No visible external hinges, minimising risks of impacts.
- Integrated vertical protection using bumpers, including double-knot continuous hinges.

The continuous axis made of stainless steel keeps the opened doors from impact zones.

- The handles are recessed and protected in the back doors. They are easy to open and provide a more aerodynamic in addition to being easier to wash and to decorate to rear surface of the vehicle.
- Dual slope, anti-wear, stainless steel threshold.
- The top cross-rail has integrated bumpers to protect the lights (model specific).
- The doors are 90 mm thick for maximum insulation for an integrated thermal break.
- Teflon coated multi-layer weatherstrips, make the doors easy to open even with contrasting, negative temperatures.

- Your customized refrigerated solution for 12 to 32T GVWR, 2 or 3 axle trucks.
- Truck bodies adaptable to all chassis models.
- Whether mono- or multi-temperature, our latest technical innovations meet all your requirements.



Cx system front profile



Latest generation duo reinforced rear



Easy Door-Lock (EDL)



## FREQUENT OPTIONS OF TRANSFORMATION

### Air curtain – key points

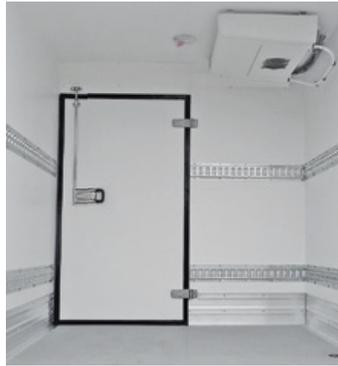
- Automatic switching on and off
- Decreases the loss of cold and reduce of fuel cost
- Ergonomic: eliminates all the inconveniences of the traditional curtains, including the loss of space



### Other examples of available options



Fixed longitudinal partition



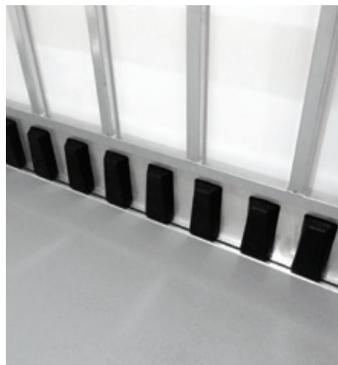
Fixed lateral partition



Mobile lateral partition



Interinox partial or full protection rails



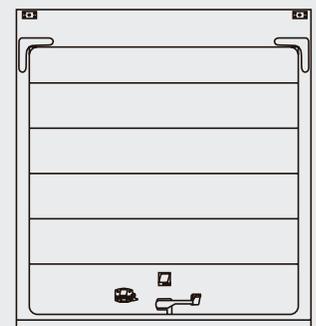
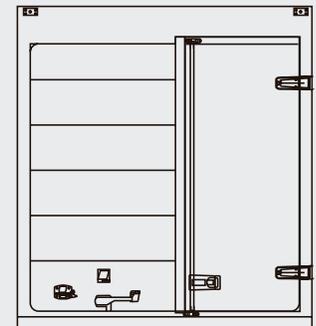
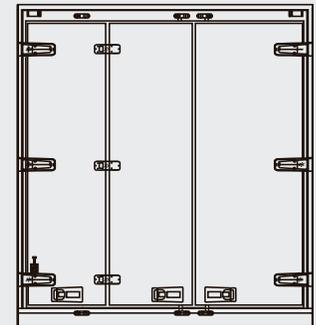
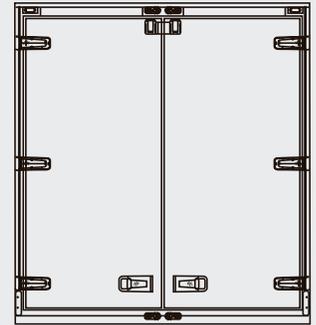
Special distribution front panel dedicated to intensive applications



High luminosity interior LED lighting

### Types of rear opening available

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



Total back opening, 2 or 3 part door, hybrid, curtain, our products meet all your needs to optimize your profitability.

# TECHNICAL FEATURES

GVWR of transportation vehicle ranging up to 16,535 lb. (7,500 kg) - NEW FRIGOLINE

Outside length	Internal width	Internal height
120.1" (3,050 mm)	81.1" (2,060 mm)	84.6" (2,150 mm)
143.7" (3,650 mm)	75.2" (1,910 mm)	76.8" (1,950 mm)
143.7" (3,650 mm)	81.1" (2,060 mm)	84.6" (2,150 mm)
155.5" (3,950 mm)	81.1" (2,060 mm)	84.6" (2,150 mm)
167.3" (4,250 mm)	81.1" (2,060 mm)	84.6" (2,150 mm)
175.2" (4,450 mm)	75.2" (1,910 mm)	76.8" (1,950 mm)
175.2" (4,450 mm)	81.1" (2,060 mm)	84.6" (2,150 mm)
179.1" (4,550 mm)	81.1" (2,060 mm)	84.6" (2,150 mm)

## GVWR OF TRANSPORTATION VEHICLE RANGING FROM 16,535 LB. TO 70,548 LB. (7,500 KG TO 32,000 KG)

**Bodywork dimensions:** Only some combinations of panel heights, widths, lengths and thicknesses are possible, please contact us.

Available outside length:

GVWR	Available outside length
Up to 16,535 lb. (7,500 kg)	135.8" (3.45 m)
	151.6" (3.85 m)
	167.7" (4.26 m)
	183.9" (4.67 m)
	199.6" (5.07 m)
	215.8" (5.48 m)
	231.9" (5.89 m)
	247.6" (6.29 m)
From 16,535 lb. to 70,548 lb. (7,500 kg to 32,000 kg)	From 15.5" to 32.8" (From 4.715 m to 9.995 m)

**Available internal heights:** 76.7" (1.95 m), 80.7" (2.05 m), 84.7" (2.15 m), 88.6" (2.25 m), 92.5" (2.35 m), 96.5" (2.45 m), 99.6" (2.53 m), 102.4" (2.6 m), 104.3" (2.65 m), 106.3" (2.7 m), 108.3" (2.75 m), 110.2" (2.8 m)

**Available internal widths:** 81.1" (2.06 m), 85" (2.16 m), 89" (2.26 m), 93" (2.36 m), 96.9" (2.46 m), 98.4" (2.5 m)



Exclusive distributor

