

# Carlsen Baltic

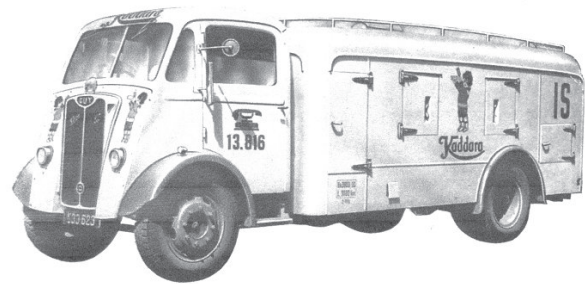
## First choice lightweight mobility for food business

About Us / Why Carlsen Baltic / Product range /  
What is Eutectic Refrigeration? / Features & Benefits

# About Us

**Carlsen Baltic is a market leading manufacturer of lightweight refrigerated truck bodies for frozen, chilled and multi-temperature food distribution, as well as fully-equipped food trucks and trailers.**

Carlßen was originally founded in Denmark in 1885 as a manufacturer of horse-drawn carriages. Since 1929, the company has been developing and manufacturing temperature-controlled transport solutions. Having started as a small family business, Carlsen has gradually grown into an internationally recognized company. Over 15,000 light commercial vehicles were produced by Carlsen in the last



decades. Most of them are still being operated by drivers all over Europe and beyond.

Since 2005, the main activities of the company were transferred to a newly established subsidiary Carlsen Baltic in Kaunas, Lithuania, where we have modern facilities in a total surface area of more than 8,000 m<sup>2</sup>.

**85+ years of experience**  
in refrigerated trucks production



**1929**

First refrigerated trucks were built



Since  
**2012**

ISO 9001 and  
ISO 14001 certified



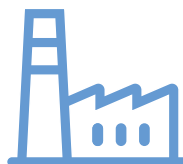
**2018**

First 100% electric  
refrigerated body  
on electric chassis



**1885**

Founded in Denmark  
as a manufacturer of  
horse-drawn carriages



**2005**

Production transferred  
to a new factory  
in Lithuania



**2016**

Implementing  
Lean

Our products are ideal for ice cream and frozen food, home delivery, food distribution, and catering industries. A team of dedicated engineers works together with our customers to develop the best solution for their business needs. Constant innovation and focus on quality enable us to maintain weight and efficiency leadership within the deep freeze distribution industry in the EU.



Our signature product, lightweight freezer truck bodies for light commercial vehicles, are ideal for inner-city distribution and last-mile deliveries in residential areas. Zero-emission eutectic refrigeration system used in Carlsen bodies is an eco-friendly, reliable and maintenance-free alternative to conventional cooling. It has full autonomy, maintaining cold chain integrity even when the vehicle engine is off.

## Why Carlsen Baltic?

Lightweight solutions ensuring the highest possible payload

Eutectic and other eco-friendly refrigeration systems

Compatibility both with electric and internal combustion vehicles

Dedicated engineers working together with customer to develop the best solution

Complete solutions through partnerships with vehicle manufacturers and equipment suppliers

## Carlsen Baltic at a glance



**133**

Years of  
excellence



**100**

Model  
range



**6500+**

Bodies produced  
since 2006

# What is Eutectic Refrigeration?

**Eutectic refrigeration is an eco-friendly, reliable and maintenance-free alternative to conventional cooling.**



Refrigerated truck with eutectic cooling



Deep freeze compartment with eutectic plates.

Consists of eutectic plates filled with eutectic brine

Cold is accumulated in eutectic plates


Eutectic plates are charged at night by electrically powered motor


Eutectic plates gradually release cold, thus refrigerating the area around

Accumulated cold is used to maintain set temperature during multi-drop deliveries throughout the day

## Features & Benefits

 Zero-emission refrigeration

 Zero-noise operation

 Low noise while charging (41 dBA only)

 Environmentally friendly solutions

 Electrical operation only

 Compatibility both with internal combustion engines and electric power train.



**Custom solutions**





# Product range

## PolarLite

−33 °C

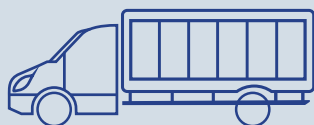
Freezer truck bodies



3.5T6 PolarLite



3.5T6 PolarLite



3.5T6 PolarLite

Ideal for ice cream or frozen food distribution.

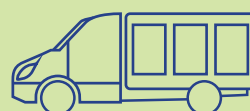
## MultiLite

−33 °C

+5 °C

+12 °C

Multi-temperature bodies



3.5T6 MultiLite



3.5T6 MultiLite



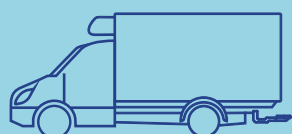
3.5T6 MultiLite

Ideal for distribution of variety of foods at the same time (fresh products, dairy products, ice cream, frozen foods, beverages, etc.).

## CoolLite

+5 °C

Fridge bodies



3.5T CoolLite with rear door

Ideal for chilled product distribution.

## Mobile Kitchen

Food trucks & trailers,  
mobile bars, sales displays



Fully equipped food trucks, ideal for street food operations.



### Lightweight Solutions

- One of the lightest bodies on the market
- Payload up to 1100 kg



### Stable temperature

- Continuous cooling, even when vehicle engine is off
- High instantaneous refrigerating capacity, suitable for multiple door openings and short period between openings
- Merchandise preserved even in case of vehicle failure



### Low operating cost

- Charged at night on mains power using off-peak electricity
- No fuel required for refrigeration during delivery



### Low TCO

- Maintenance-free
- 8+ years of effective system life
- High product reliability proven through 25+ years in operation



### Versatile after sales support

- Full 12 or 24-month warranty for all products
- Service & technical assistance throughout the EU & beyond by our mobile service team or our partners
- Spare parts supply



Discover more lightweight solutions at [www.carlsenbaltic.com](http://www.carlsenbaltic.com)

Carlsen Baltic UAB  
Veiverių g. 150, LT-46391 Kaunas, LITHUANIA  
+370 37 407343, [info@carlsenbaltic.com](mailto:info@carlsenbaltic.com)

Follow us:

