

L4BHS

 **Lumikko**
BY BITZER GROUP

ADVANCED TRUCK SOLUTION

OPTIMISED
SIZE AND
PRICE

 **Lumikko**

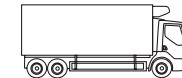




MAXIMAL TRANSPORT CAPACITY IN A SMALL PACKAGE

After two years of product development, we are launching a new, technologically advanced traction truck solution that is built around the new BITZER hybrid compressor. Thanks to the hybrid compressor, a separate electric motor is no longer needed.

The design premise was to create a cost-effective, lightweight, smallest available diesel-powered traction truck solution equipped with an internal evaporator. Thanks to the internal evaporator and lightness, transport capacity can now be put to maximal, versatile use.



L4BHS is especially suited to act as a source of power in small and medium-sized temperature-controlled trucks.

BY FAR THE BEST TRANSPORT CAPACITY

BITZER hybrid compressor is a compressor and an electric motor in one-no separate electric motor needed. **Light weight** decreases fuel consumption and increases cargo carrying capacity. **Compact size** makes the product also ideal for trucks fitted with a higher cabin.

Integrated evaporator and lightness allow versatile use of the load compartment and optimize transport capacity. Blast air

circulation has been improved by simulating load compartment temperatures and blast speed.

Design follows the new Lumikko concept, which emphasizes dynamism, agility and resourcefulness.

New LC3UP Control User Panel is clear and easy to use. New software updates can be downloaded directly via the USB port to the device.





COST-EFFECTIVE AND FLEXIBLE

Purchase price for the L4BHS traction truck solution is **low** in its class. Life cycle costs are reduced by optimizing the amount of parts and components. **Modular structure** results in lower maintenance costs as possible component repairs can be carried out in a more flexible manner.

L4BHS is especially suited **to act as a source of power in small and medium-sized** temperature-controlled trucks.

The 4 kW cooling capacity (-20°C / +30°C) is sufficient even for FRC-certified frozen food transports and FNA-certified refrigerated transports by larger trucks.

According to field tests, the launch of the new traction truck solution will take place in late 2015. As well as having a competitive price, the product is covered by a two-year warranty.

HYBRID COMPRESSOR

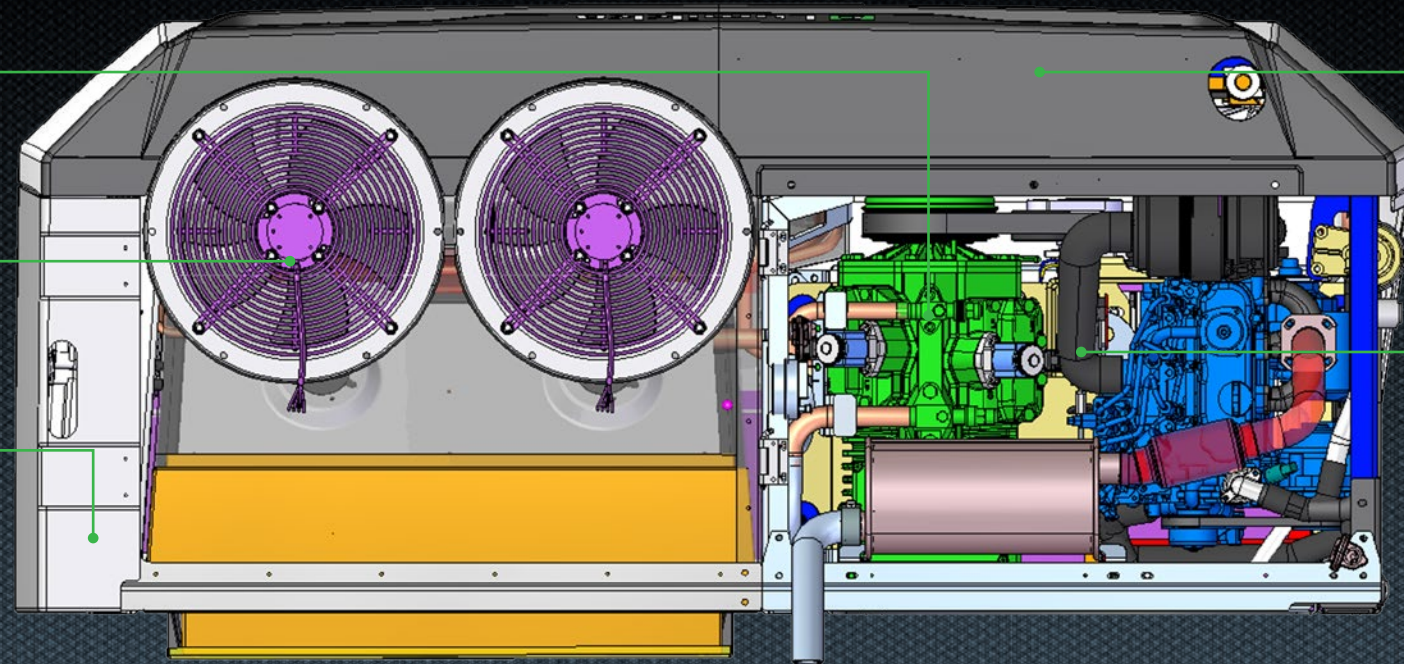
Due to the special compressor-electric motor combination, the product is extremely small in both size and weight.

INTEGRATED EVAPORATOR

Integrated evaporator allows versatile use of the load compartment and optimizes transport capacity.

DESIGN

New design emphasizes Lumikko's dynamism, agility and resourcefulness. Lumikko is recognized from afar.

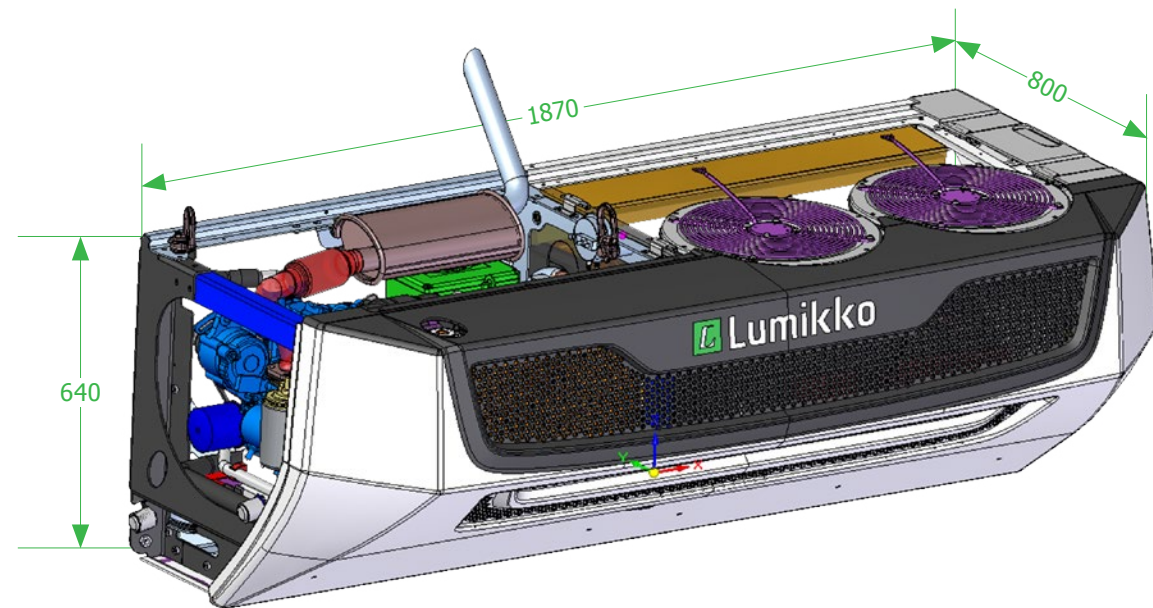


SMALL IN SIZE AND WEIGHT

Fuel consumption decreases and cargo carrying capacity increases. The product is also ideal for trucks fitted with a higher cabin.

MODULAR STRUCTURE

Life cycle costs are reduced by optimizing the amount of parts and components. Light structure and low maintenance costs enhance product reliability and cost efficiency.



L4BHS TECHNICAL DATA AND PERFORMANCE FIGURES

Technical data	
Dimensions	1870 x 800 x 640 mm
Weight	405 kg
Motor	Kubota 722 / 3 cylinders
Compressor	Bitzer BHS CET
Refrigerant	R-404A

Applications	
FRC	max. body length 6.0 m
FNA	max. body length 9.0 m

Cooling capacity +30°C -20°C transport temperature	
In diesel mode	4.0 kW
In electric mode	4.1 kW

Cooling capacity +30°C 0°C transport temperature	
In diesel mode	8.0 kW
In electric mode	8.2 kW



Read more

Lumikko Technologies Oy

Postal address: P.O.Box 304 // 60101 Seinäjoki // Finland

Visitor address: Kylmätie 1 // 60560 Hyllykallio, Seinäjoki // Finland

Tel +358 (0)10 835 5450 // Fax +358 (0)6 414 1921

lumikko@lumikko.com // www.lumikko.com

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