# Complete lightweight solutions for parcel delivery vans

**Modul-System offers new and innovative solutions for businesses in the parcel delivery service industry. The vehicle conversion can include flooring and lining, shelving, a bulkhead with sliding door and jump seat, lighting and an overload protection system.**
**"All products are lightweight and robust. The system has been developed together with companies in the industry to meet the users' demands for functionality and ergonomics", says Thomas Johansson, Vice President at Modul-System.**

At the Parcel+Post Expo Exhibition in Amsterdam, Modul-System has an ultra-light weight solution for postal and parcel service vehicles on display. The solution consists of lightweight flooring and lining, folding shelves, a bulkhead with sliding door, movement controlled ambient lighting and smart accessories.

"Additionally, our new weighing and overload protection system is installed in the vehicle", says Thomas Johansson.

The flooring, Modul-Floor, is a lightweight aluminum sandwich floor with integrated rails for lashing. The weight saved compared to a traditional 12 mm plywood floor is 15-20%. The floor stop rails, installed to the floor, prevents packages from sliding out into the vehicle aisle.

"The floor is glued to the vehicle. That means we don't have to drill any holes and therefore can eliminate the risk for corrosion, or conflict with battery pack on electrical vehicles.", says Thomas Johansson.

The lightweight lining is a polypropylene honeycomb construction saving almost 40% weight compared to traditional plywood lining, while the glued wall rails reinforce the vehicle body, improves safety and allows fixation of folding shelves and lashings to them.

Modul-System's patented folding shelves, made from ultra-high strength steel, can carry 120 kg and are very easy to operate. The new net solution prevents packages from falling from the shelves in the case of harsh breaking. The positioning of the nets is very easy to change thanks to a modular clip functionality.

*About Modul-System*
*Modul-System develops, manufactures and installs racking systems and equipment for service vehicles. The company is represented in 50 countries and has close to 50 years of experience in the industry. Modul-System is part of the Lifco group. Its head office is located in Mölndal just outside Gothenburg. For more information, please visit www.modul-system.com.*

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“The safety panel by the side door prevents theft of parcels and can also be used as a storage space for accessories like our heavy-duty trolley”, Thomas Johansson explains.

The bulkhead is based on a lightweight aluminum sandwich construction, which is up to 50% lighter weight than traditional bulkheads in steel or aluminum. The sliding door can be supplied with an ordinary handle without lock, a cylinder lock, slam lock or on demand an electrical lock. The buzzer is another smart accessory. An alarm will sound if the driver starts the vehicle with the bulkhead sliding door open. The buzzer is controlled through the Modul-Connect electrical system.

In addition, Modul-System has their new overload protection system on display.

“We’re extremely excited to present our new weighing system, which allows the driver to see the total vehicle weight either on the phone, through the Modul-Connect app, or on a display panel in the cabin”, says Thomas Johansson.

Using the Modul-Connect app, the user can also easily manage all connected electrical accessories in the vehicle, for example turn on and off lights. In addition, it is possible to review battery status.

”Our target is to provide a solution that integrates mechanics, electronics and software, to offer our customers the lowest total cost of ownership”, says Thomas Johansson.

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