

# BÖLLHOFF

## ECOFREIGHT

The innovative transport concept



## ECOFREIGHT – The innovative transport concept

The issue of sustainability is becoming increasingly important. In the field of logistics, the challenge is to transport goods in a resource-saving manner. Wood, paper and cardboard are to be avoided on delivery or are already prohibited by many companies. Filling material, such as wrapping foil or shrink hoods, is also reluctantly seen as a potential waste product.

In order to meet the requirements of our customers and establish sustainability in logistics processes, we use an innovative transport concept – ECOFREIGHT.



### INTEGRATED CHASSIS

An integrated chassis in the pallet floors with two rigid and two movable rollers ensures flexible transport. By activating a foot brake unintentional rolling is prevented. In combination with the use of a suitable handle for hooking in, the pallet is completely movable and the use of a lifting truck is no longer necessary.

### TRAILER COUPLING

Via flexible trailer couplings several pallets can be attached to each other and be moved.

Our ECOFREIGHT transport concept is based on mobile pallets with integrated load securing. Thanks to the combination of pallet, handle and trailer coupling, no lift truck is necessary. The absence of wood, paper and cardboard also protects the environment – for more sustainability in logistics.

Many shipments or part loads per point of need have a transport weight of less than 350 kg. Through ECOFREIGHT the delivery takes place with half pallet made of plastic instead of classic wooden pallets.

**Your benefits at a glance**

- Direct delivery to the places of need
- Simultaneous collection of the empties at delivery
- Securing loads during transport
- The mixing of goods from different small load carriers on a collective package is avoided
- Saving of packaging material



**ECOSIT® ECOBIN CONTAINER**

Optimized dimensions of the containers lead to optimal utilization of the pallets – the space required for transportation is minimized.

## LOAD SECURING

A matching end cover with integrated tension straps provides additional load securing. The lid is placed on top of the stacked ECOBIN containers and the tension belts are hung and fixed in a corresponding device in the pallet floor. If a truck is equipped with lashing eyes in the loading area, the load can also be additionally secured with them.

## HOLDING HANDLE

If required, a flexible handle can be hooked into the recesses of the pallet. In combination with the integrated running gear, the pallet can be moved as with a lift truck.

Full pallets (without chassis and trailer coupling) are still used for shipments with higher weights. The full pallets we use are made of plastic and also have a surrounding stacking edge and additional anti-slip elements.

## STACKED EDGE

An all-round stacking edge prevents the containers from slipping and falling down.



By using the transport concept you benefit from:



### Cost savings

By avoiding waste (in the form of wrapping foil, separating cartons between the ECOBIN containers, shrink hoods and other filling material) you save the costs of disposal at the delivery point.

### Sustainability

The use of plastic pallets (instead of wooden pallets) ensures a considerably longer service life. The avoidance of the abovementioned waste ensures an environmentally friendly transport of goods.

### Fast and efficient item protection

The goods are always secured both during transport to the delivery point and during further transport within the company. Even if the entire pallet falls over, the ECOBIN containers remain in place. It is impossible for goods to fall out and for different articles to mix.

### Uniform collection of empties

The pallet also serves as a uniform collection point for empty containers, which can be taken directly to the loading area. Alternatively, the containers are often deposited at different points in production. This means that they take up unnecessary space and have to be collected in a time-consuming and costly manner.

### No lift truck required

For loading and transporting classic pallets, a lift truck is required, which usually has to be provided on site. Thanks to the integrated running gear, ECOFREIGHT does not require a pallet truck, so the resource is no longer tied up on site.

By placing ECOFREIGHT directly on the RFID box, maximum efficiency is guaranteed. After the order is placed, the empty containers are simply placed on the plastic pallet. The valuable space on the shelf is thus preserved for filled containers.

# BÖLLHOFF



## **Böllhoff Group**

Innovative partner for joining technology with assembly and logistics solutions.

Find your local partner at [www.boellhoff.com](http://www.boellhoff.com) or contact us at [fat@boellhoff.com](mailto:fat@boellhoff.com).

**Passion for successful joining.**

Archimedesstraße 1–4 | 33649 Bielefeld | Germany  
Tel. +49 521 4482-1326 | [message@boellhoff.com](mailto:message@boellhoff.com) | [www.boellhoff.de](http://www.boellhoff.de)

Subject to technical change.  
Reprinting, even in extract form, only permitted with express consent.  
Observe protective note according to ISO 16016.