

REUSABLE PACKAGING FOR E-COMMERCE AND PARCEL SERVICE SHIPMENT

sustainable – profitable



The situation

Goods traded online and shipped via parcel service account for a large share of total goods traffic – and the trend is increasing.



The task

Consumers, traders and manufacturers strive to avoid packaging waste. But how?



The solution

xpack. We offer a closed system: sturdy, hygienic and reusable packaging as well as a corresponding returning process – free of risk for the sender, simple and convenient for the receiver.

SUSTAINABILITY

Reuse & recycle – the perfect duo for ecological shipping.



xpack enables:

- ▶ Preventing packaging waste
- ▶ The proven reduction of CO2 emissions by around 80%, compared to shipping with cardboard boxes *
- ▶ Sturdy design and easy cleaning for numerous reuse cycles
- ▶ A holistic circular approach due to reusability and recycling according to type

* According to a Fraunhofer Institute study that compared CO2 emissions of disposable packaging to TyrePacks (the pioneer among xpacks). Depending on how often the TyrePacks are used, approx. 40% of the CO2 emissions are reduced within 5 cycles and approx. 80% within 30 cycles.

THE PACKAGING

xpack is a patented reusable packaging that was designed specifically for online trade and shipment with parcel services and their specific requirements. To the highest extent possible, recycled plastics are used. At the end of their reusability xpacks can be dismantled and recycled according to type.

Safe and economical:

- ▶ Protects excellently from mechanical impacts, dirt and moisture in package shipment – considerable reduction of damage rates
- ▶ Reduces volume significantly during shipment and along the entire process chain
 - ▶ The package perfectly adapts to its content:
 - ▶ Smaller packaging size – lower transport costs
 - ▶ Less or no filling material – less waste
 - ▶ Empty xpacks are easy to stack and nest:
 - ▶ Less storage space and optimized return costs
- ▶ Locking mechanism with opening control function
- ▶ Fast loading and closing

Adaptable and future-safe:

- ▶ Available in standard sizes – special sizes possible
- ▶ Possible addition of padding or thermal insulation
- ▶ Can be integrated into the Internet of Things:
 - ▶ Tracking, opening control function
 - ▶ Sensors for temperature, moisture, etc.
 - ▶ IT integration into your supply chain

Easy loading



Packaging adapts perfectly to its content



Front view: closed



THE SYSTEM SOLUTION

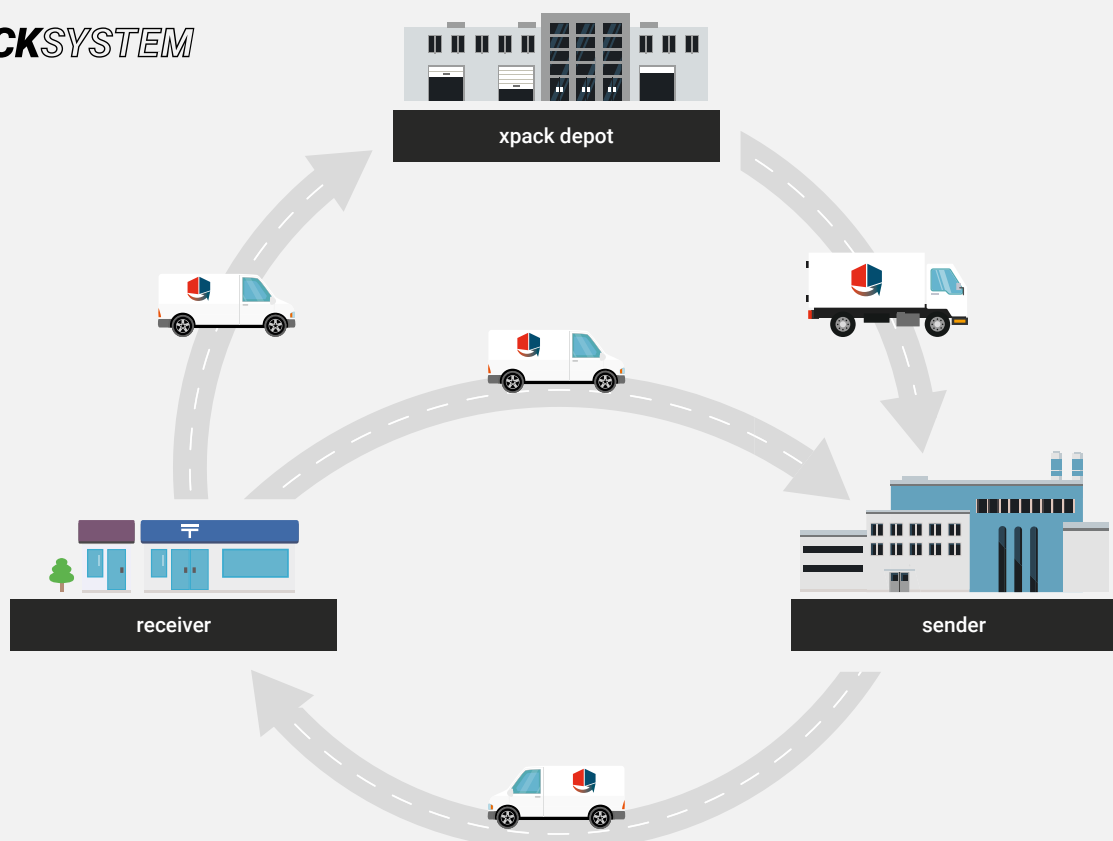
xpack is not only a packaging but a full-service offer on a pay-per-use base. The circulatory system is compatible with the leading parcel service companies and can be adapted to your individual processes and requirements.

The decisive factor for low-cost return is the fact that several empty packages are bundled for return. For this reason, xpack focuses on B2B shipment in a first step to ensure sufficient quantities and fast processing. Initially, however, the system is designed for B2C shipment from the start.

Your benefits compared to regular shipment solutions:

- ▶ Reducing waste and CO2 that helps your customer meeting their sustainability goals
- ▶ Contribution to your own sustainability strategy
- ▶ Less working time required for packaging
- ▶ Reduction of storage space for empty packages, also at the receiver's (if required, the empty packages can be returned daily)
- ▶ No additional packaging costs at return of goods
- ▶ No change to the logistic processes is required, but only an exchange of the shipping data for the purpose of coordinating the return of the empty packages
- ▶ Support for improving your packaging and shipping processes – including systems engineering and IT

X PACKSYSTEM





THE PIONEER AMONG XPACKS: TYREPACK

Field-tested:

The reusable packaging solution for car tyres and wheels has stood the test in more than 20,000 cases. TyrePack has received top ratings considering

handling, processing and waste avoidance – whether in B2B, B2C or C2C shipping.

www.tyrepack.com



xpack is a start-up of experienced industry experts in the fields of packaging and logistics – your contact for sustainable and profitable packaging systems.

YOUR CONTACT

xpack green logistics GmbH & Co. KG
Phoenixseestraße 10
44263 Dortmund

Phone +49 231 390895-0
Mail xpackinfo@tyrepack.com

www.xpack-system.com