

New Generation On Demand Packaging

01. PROBLEM

02. SOLUTION

03. ADVANTAGES

TABLE OF CONTENTS

## PROBLEM

Overpackaging represents a significant challenge in logistics and especially in warehouses, where due to the use of standard boxes with fixed dimensions, inefficiencies are generated and operational and logistics costs increase.

Standard boxes do not adapt to variable product sizes, causing various problems.





#### **LACK OF FLEXIBILITY**

Standard packaging rarely matches new products or new combinations.



#### **OVERPACKAGING**

Packages are often larger than strictly necessary, resulting in great environmental and economic waste.



#### **OPERATIONAL INEFFICIENCY**

The procurement process is hindered by lengthy lead times and the challenge of managing minimum lot sizes.



#### **NEGATIVE UNBOXING EXPERIENCE**

In B2C shipping, receiving a bigger than expected package often is detrimental to brand reputation.



#### **WAREHOUSE INEFFICIENCIES**

Stocking and moving a high number of box formats is often a tedious task.



#### **VAST MONEY WASTE**

These aspects collectively result in severe economic inefficiencies.

## SOLUTION

Voidless solves the problem of overpackaging and all the inefficiencies associated with the use of standard boxes.

Thanks to an advanced volume and material optimisation system, it is able to create customised boxes in real-time directly in logistics facilities.

Seamlessly integrated into warehouses, this system improves operational efficiency while reducing costs and environmental impact.



### **INPUT**



### **OUTPUT**















## ADVANTAGES



#### **CHEAPER BOXES**

Cost of each box is dramatically reduced, especially with volume reduction.



#### **FASTER OPERATORS**

With already erected boxes, operators are now faster: less workforce is required!



#### SIMPLIFIED CARDBOARD PROCUREMENT

Cardboard procurement and storage processes are greatly streamlined.



#### **ECONOMIC SAVINGS**

These efficiencies lead to significant savings per box, notably in express shipping costs.



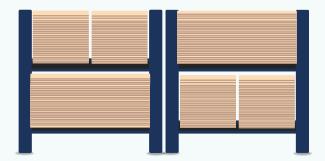
#### **EFFICIENT TRANSPORT**

Using smaller boxes reduces required transportation capacity.



#### **CO2 FOOTPRINT REDUCTION**

Minimizing material waste and optimizing transportation significantly lowers the carbon footprint of supply chains.



#### STORAGE SPACE IMPROVEMENT

Cardboard is now stored in foil form, much denser than pre-formed boxes.



#### **BOX CUSTOMISATION**

Logos, writings, transport documentation can be printed automatically on each single box.



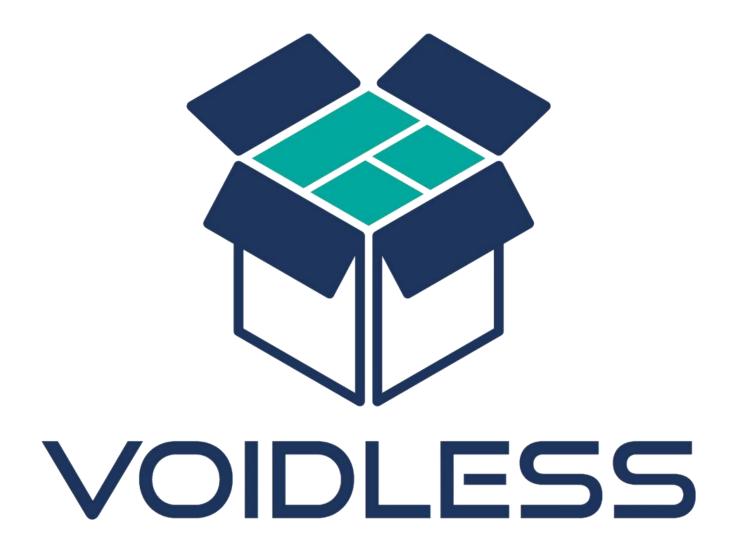
#### **FILLER MATERIAL REDUCTION**

Decreasing box volume directly reduces the need for filler material.



#### **IMPROVED UNBOXING EXPERIENCE**

Customers receive perfectly-sized, branded packaging, enhancing their unboxing experience.



# CONTACTS

### **PHONE**

+39 340 842 0083

### **EMAIL**

info@voidless-packaging.com

### WEBSITE

www.voidless-packaging.com