

Reusable packages



The boxes



BAC GALIA BEIGE 5L

- ▶ Ref. : 3212
- ▶ Dimensions : 300 x 200 x 114 mm
- ▶ Volume utile : 4 L
- ▶ Poids : 570g
- ▶ Conditionnement :
 - ✦ 800x600 : 24 bacs/UM, 256UM/camion
 - ✦ 1000x1200 : 60 bacs/UM, 130UM/camion



BAC GALIA ORANGE 10L

- ▶ Ref. : 4312
- ▶ Dimensions : 400 x 300 x 114 mm
- ▶ Volume utile : 9 L
- ▶ Poids : 930g
- ▶ Conditionnement :
 - ✦ 800x600 : 24 bacs/UM, 128UM/camion
 - ✦ 1000x1200 : 60 bacs/UM, 78UM/camion

In order to allow its customers to dispose of a tool to manage sustainable and reusable packages, GALION Solutions integrated the management of packaging flows into the inventory management of GALION Automotive.

GALION Automotive provides functions for inventory management, supply sourcing and despatch. The software is class-compliant and can deal with reusable packages linked to the products managed with labels. A label is connected to several packages which « follow » it during all its cycle. The system offers functions to modify a package linked to a label.

Baseline

The packages

Different types of packages

- Pallets
- Boxes
- Cases
- Interlayers
- Side extensions
- Covers

Main properties

Weight, dimensions, manager, external default code, allocation.

Transcodification of packages

According to customers or suppliers, the system applies the recommendations of transcodification of package codes.

Package bills of materials

A code gathers together the packages to use as well as the management rules. It enables to define

the quantity of packages necessary for a certain amount of packaged pieces.

The palletizing system

Used for customer contracts and more generally for every article stored internally, the palletizing system gives the precise method of packing. It is possible to add directions for packages which can be used for specific products.

The contracts

Packaging controllers

The packaging controller is the one who manages the package flow. Generally, this partner provides empty packages and is in charge of the cleanliness and of the overall state of packages. The controller is sometimes the « owner » of the packages.

The supply contracts

The software uses the principle of supply contracts in open orders for package supply. Packages can sometimes be bought.

The package stockpiles

Packages can be stored according to retail conditions or with labels. There is an inventory policy about packages to avoid the management of lots so that the transactions are simple.

A package is considered as full as soon as it is linked to a label. Several packages can be linked to one label.

The inventory mesh is generally the site, warehouse, zone, and can be finer if necessary.

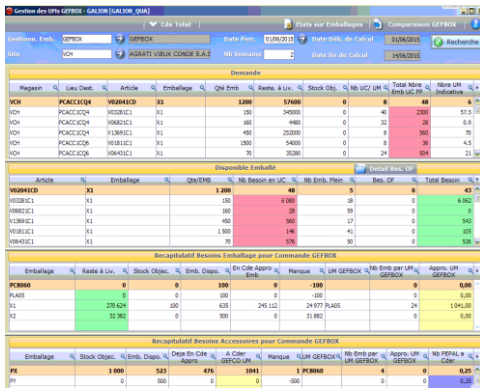
The package supply

Supply requests can be followed up according to two logics.

The MRP logic

Packages are part of the bill of materials of the product and the need for packages is processed as a need for components. A safety stock can be calculated.

The logic of resupply calculation of reusable packages



The screenshot displays the 'Gestion des UPRs GEFRO' software interface. It features several data tables for managing reusable packaging (UPR) stocks and orders. The tables include columns for article numbers, quantities, and various status indicators. The interface is in French and includes search and filter options at the top.

GALION Automotive offers advanced functions to calculate the procurement of packages. These functions take into account the amount of stored empty packages, the needs of the order book of packaged stocks. The module proposes then the volumes to provide in amounts of packages and automatically fills the order book.

The invoicing of packages

Invoicing of packages

The delivering company charges the customer or a third party for the totality or for part of the packages used for the delivery.

Pro forma invoices of packages

It is sometimes necessary to generate a document to specify the value of delivered packages in order to make customs declarations.

The package flow

Inflow of packages

The first transaction is the reception. It can be achieved with an entry, a transfer of stock or a reception which also carries out a transfer of stock. Stockpiles are generally located at a dedicated place.

Inventory of packages

The package stocks can be the subject of an inventory procedure just like any other product.

Transfer towards production

The package inventory can be transferred towards production zones before being « consumed ». This transaction is not mandatory.

Levy for the production

The package stock associated to a product can be levied during the production declaration. At that time, a package (or several packages) is linked to a label. The package will follow the label everywhere; it is moved with the label.

Levy for despatch preparation

In some situations, it is mandatory to complete pallets with empty packages. It is an automatic function integrated to the software.

Outflow by despatch

The outflow of stock from the warehouse is achieved when the label exits the stock by validation of the lorry's load. If the despatch is a transfer, the package stays « bound » to its label and can be transferred towards another site.