



## HANDLING UNITS MANAGEMENT

MANAGE LOAD UNITS TO BE ASSIGNED TO DOCUMENTS IN ORDER TO MAKE SHIPMENTS,  
IN MICROSOFT DYNAMICS 365 BUSINESS CENTRAL



The  
future  
behind

[www.eos-solutions.it/en/handling-units-management.html](http://www.eos-solutions.it/en/handling-units-management.html)



# Handling Units Management

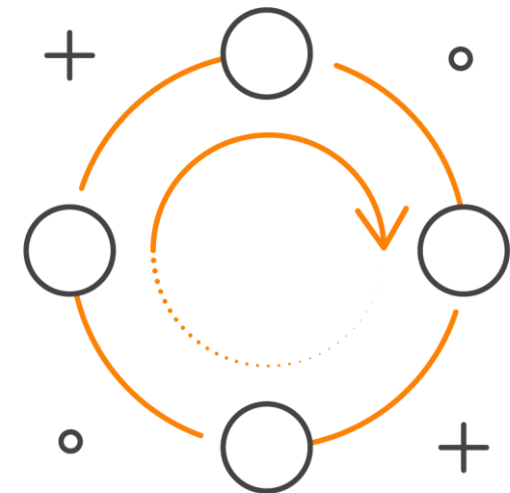
App for Microsoft Dynamics 365 Business Central



DO YOU WANT TO BE ABLE TO CREATE HANDLING UNITS TO ASSIGN TO DOCUMENTS? WOULD YOU LIKE TO BE ABLE TO DISTINGUISH BETWEEN BASE HANDLING UNITS AND CONTAINERS?

DO YOU WANT TO MONITOR ENTRIES FOR EACH HANDLING UNIT USED?

The Eos Solutions **Handling Units Management (HUM)** app allows you to **manage load units (pallets, boxes, etc.) to be assigned to documents, to make shipments** in Microsoft Dynamics 365 Business Central.



# Here is a list of the features involved



Tell me what you want to do



hum

Go to Pages and Tasks

Show less (3)

> Handling Units (HUM)	Lists
> Human Resources Setup	Administration
> Packaging Setup (HUM)	Administration
> Handling Unit Types (HUM)	Lists
> Handling Unit Locks (HUM)	Administration
> Packaging Materials (HUM)	Lists
> Packaging Instructions (HUM)	Lists
> Human Resource Units of Measure	Administration

## ALT + Q and HUM

Press ALT + Q and digit "HUM" for a list of the features involved



### Create

handling units from both the Handling Unit Code List and the Item Journals



### Define

whether the unit to be used is a base unit or a container for smaller units



### Monitor

the units assigned to documents thanks to a summary Factbox on the pages



### View

item entries for each unit used

# Handling Unit Types (HUM)



Handling Unit Types (HUM) | Work Date: 1/28/2021 Not saved

Search + New Edit List Delete Open in Excel

Code ↑	Description	Type	HU No. Series	SSCC	Default
BASKET	Basket	Package	HU-BASKET	<input type="checkbox"/>	<input type="checkbox"/>
PALLET	Pallet	Load Carrier	HU-PALLET	<input type="checkbox"/>	<input type="checkbox"/>

On the page Handling Units Types, it is possible to **establish whether a unit corresponds to a "Load Carrier" or a "Package"**.

You create a specific serial number for the handling units (HU).

It is possible to use a SSCC (Serial Shipping Container Code) numbering type.

## SSCC-18 Barcodes



# Packaging Setup (HUM)

On the Setup page you can enable the **Inventory Check Policy**: the system verifies that the stock by location / bin on the Handling Unit is congruent with what exists in general for location / bin.

You can choose **how to calculate the weight** of the HU. There are two allowed values:

- Content + Packaging
- Packaging

You can also choose whether to allow the **elimination of Handling Units and assignment criteria**.

The screenshot shows the 'Packaging Setup (HUM)' configuration page. The page is divided into several sections:

- General**:
  - Packaging Instruction ...: Default
  - Packing List Suggestion ...: Legacy
  - Inventory Check Policy ...: Strict
  - Packing List Suggesti...: Default
- Packing List**:
  - Packing List Report No. ...: 0
  - Weight Calculation ...: Content + Packaging
- Number Series**:
  - Packaging Material N...: (empty)
  - Packaging Instruction ...: (empty)
- Empties >**: (empty)
- Handling Units**:
  - Allow Handling Unit ...: When Draft
  - Handling Unit Assign...: Single Source Document

The top of the page features a navigation bar with a back arrow, a pencil icon, a plus sign, a trash icon, and a 'Saved' status indicator. There are also icons for bookmark, share, and refresh.

# CREATION of handling unit using code

Handling Unit | Work Date: 1/1/2025

HU1

Actions Related

**General**

No. HU Parent Handling Unit No. Location Code GIALLO Locked Draft

Type Load Carrier Location Code GIALLO Status Draft

HU Type Code HU\_LOADCAR Bin Code Editable

Packaging Material No. PM00003 Has Content No. of Issues 0

Blocked

**Content**

Handling Unit No.	Packaging Material No.	Type	No.	Unit of Measure Code	Quantity	Lot No.	Location Code	Bin Code	Order Type	Order No.	Net Weight	Gross Weight
HU1	PM00003	Handling Unit	HU1								0	7
HU1	PM00003	Item	1120	PZ	5		GIALLO				0	50

Packaging >

Miscellaneous >

To create a handling unit, proceed by creating a **New code** on the Handling Units (HUM) page.

Initially the Unit is in a "draft" status.

(The draft status doesn't trigger the Inventory checks).

On the "**Content**" lines you can manually add the contents of the handling unit.

The Handling Unit card can be:

- Draft
- Loaded
- Shipped

**During the change of status, the inventory checks are triggered** if provided by the HUM setup.

# CREATION of handling unit using item posting

The screenshot displays the SAP Item Journals interface. At the top, the page title is "Item Journals | Work Date: 1/1/2025". Below this, there is a "Batch Name" field containing "D683A50F-6". A navigation bar includes "Manage", "Process", "Post/Print", "Line", "Item", "Open in Excel", and "More options".

The main table shows a single entry with the following data:

Posting Date	Entry Type	Document No.	Item No.	Description	Alcohol	Sugar g/Kg	Location Code	Bin Code	Quantity	Unit of Measure Code	Handling Unit No.	Packaging Material No.	Unit Amount	Amount	Discount Amount
1/1/2025	Positive Adjmt.	TESTGG	1120	Raggi	0	0	GIALLO		7	PZ		PM00002	2.00	14.00	0.00

Below the table, there are two dropdown menus. The first is for "Handling Unit No." and the second is for "Packaging Material No.". The "Packaging Material No." dropdown is open, showing a list of materials:

No. 1	Description
→ HU1	
HUPACK_00004	Test packing
HUPACK_00005	Raggi
HUPACK_00006	
HUPACK_00007	Raggi
HUPACK_00008	
+ New	Select from full list

An orange arrow points from the "Handling Unit No." dropdown to the "PM00002" entry in the "Packaging Material" list.

Handling Units can be created on the [Item Journals](#) page:

On the Item Journals page indicate a positive adjustment for the item (e.g., 1120) and fill in the location code and quantity.

You can also enter the Handling Unit No. by choosing it from the list or by creating a new one.

If you indicate only the No. of packaging material **automatically the system will create the handling unit during posting.**

The Handling Unit is in Loaded status.

# Handling Units on sales / purchase documents



No. ↑	HU Type Code	No. of Issues	Status	Package Material	Location Code	Bin Code
→ HU1	HU_LOADCAR	0	Draft	PM00003	GIALLO	
HUPACK_00004	HU_PACKAGE	0	Draft	PM00003	MAIN	SPE
HUPACK_00005	HU_PACKAGE	0	Loaded	PM00003	GIALLO	
HUPACK_00007	HU_LOADCAR	0	Draft		GIALLO	63
HUPACK_00013	HU_PACKAGE	0	Draft	PM00003	MAIN	SPE
HUPACK_00014	HU_PACKAGE	0	Draft	PM00003	GIALLO	

Action	Description
Card	opens the Handling Unit card indicated in the No. field
New	it allows to create a new Handling Unit
Assign	it allows you to choose the unit to assign to the document
Unassign	it allows you to unlink the chosen unit

Once the handling unit is created, this unit can be used and assigned to sales / purchase documents. For example, let's create a Sales Order.

After inserting one or more item on the lines, from **the specific Factbox on the right we assign them a Handling Unit.**

After selecting the handling unit, **the system will automatically fill in the Quantity to be shipped on the lines** (based on how many pieces the handling unit can contain).

From each Handling unit card, from **Related->Assignments** the system shows which order the unit has been assigned to, for which item and quantity.



# Handling Units Management

## App for Microsoft Dynamics 365 Business Central

SUBSCRIPTION

Some features of the Handling Units Management app require a subscription.

The subscription can be activated from Subscription control panel or directly from the notification messages that the system proposes, by clicking on the link that allows you to start the subscription wizard.

Contact us for more info:

[www.eos-solutions.it/en/contact-support.html](http://www.eos-solutions.it/en/contact-support.html)

