

Manual and Documentation Load Carrier Management

Date	Version	Description	Author
22.04.2026	3.0	Documentation	Ulrike Jensen

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GENERAL

The Load Carrier Management module is used to manage load carrier inventories (e.g., pallets) for customers, carriers (delivery providers), and producers.

LOAD CARRIER MANAGEMENT SETUP

Before you can use Load Carrier Management, some basic setup is required. Open the page "Load Carrier Management Setup":



Ladungsträgerverwaltung Einrichtung

Allgemein

Aktiv

Ladungsträger buchen

Präfixe

Kundenstandort Ladu...

Spediteur-Standort La...

Werke-Standort Ladu...

Prüfungen vor dem Buchen

Kreditor ist Pflicht im ...

Kreditor ist Pflicht in ...

Ladungsträger

Ladungsträger Mgt. Typ

Ladungsträger Schrot...

Ladungsträger Buch-...

Ladungsträger Transi...

Integration

Integration Verkaufsa...

Integration Ladeschein

Integration Bestellung

Integration Verkaufsr...

Integration Umlageru...

Nummernserie

Ladungsträger Nr. Serie

Vorgabewerte

Vorgabe Lagerortkonto

Figure 1: Load Carrier Management Setup

GENERAL TAB:

Field	Description
Active	Enables or disables Load Carrier Management.
Post Load Carriers	If enabled, load carriers are posted automatically when posting the source document. If not enabled, the system fills a posting sheet that can then be posted manually.
Customer Location Load Carrier Prefix	This prefix is prepended to the customer location code.
Carrier Location Load Carrier Prefix	This prefix is prepended to the carrier (delivery provider) location code.
Plant Location Load Carrier Prefix	This prefix is prepended to the plant (producer/vendor) location code.
Vendor Required on Sales Order	Select this option if entering a vendor is mandatory on the sales order.
Vendor Required on Sales Lines	Select this option if entering a vendor is mandatory on the sales line.

LOAD CARRIERS TAB:

Field	Description
Load Carrier Mgmt. Type	Options: Packaging Unit or BOM. Select Packaging Unit if the system should calculate the number of load carriers based on the packaging unit. Select BOM if the system should determine the packaging unit based on the item's BOM components.
Load Carrier Posting Sheet Template	Specify the posting sheet template for load carrier postings.
Load Carrier Scrap Location	Specify the location to which scrap load carriers should be posted.
Load Carrier In-Transit Location	Specify the in-transit location to be used for transfer orders. This is required because the standard in-transit code cannot be used for load carriers.

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INTEGRATION TAB:

Field	Description
Sales Order Integration	Enable this option if you want to maintain load carriers on the sales order.
Purchase Order Integration	Enable this option if you want to use load carriers for purchase orders.
Transfer Order Integration	Enable this option if you want to use load carriers in transfer orders.
Delivery Note Integration	Enable this option if you want to use load carriers on the delivery note.
Sales Complaint Integration	Enable this option if you want to use load carriers in the sales complaint.

NO. SERIES TAB:

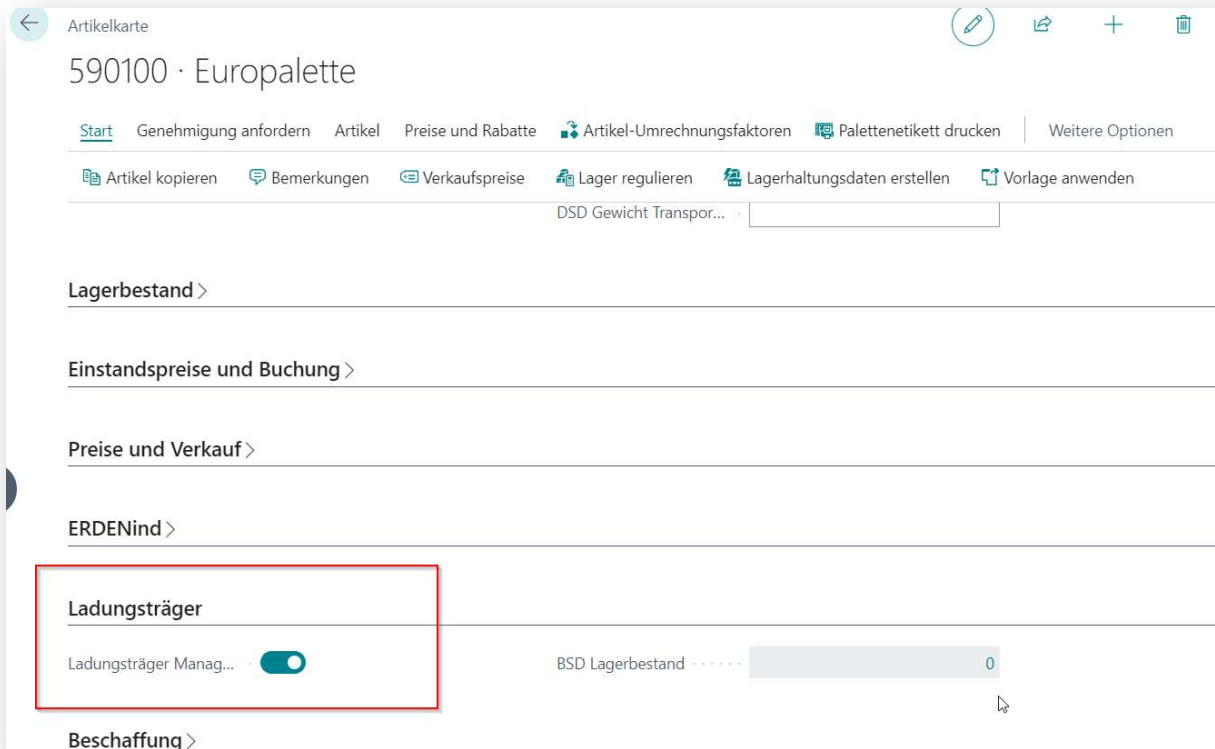
Field	Description
Load Carrier No. Series	Specify the number series to be used for posting load carriers.

DEFAULT VALUES TAB:

Field	Description
Default Location Account	Specify the G/L account to be used for posting load carriers.

LOAD CARRIER SETUP

If a load carrier is to be inventory-managed, you must activate the “Load Carrier Management” flag. Then, all movements of this load carrier are posted as item ledger entries.



Artikelkarte
590100 · Europalette

Start Genehmigung anfordern Artikel Preise und Rabatte Artikel-Umrechnungsfaktoren Palettenetikett drucken Weitere Optionen

Artikel kopieren Bemerkungen Verkaufspreise Lager regulieren Lagerhaltungsdaten erstellen Vorlage anwenden

DSD Gewicht Transpor... []

Lagerbestand >

Einstandspreise und Buchung >

Preise und Verkauf >

ERDENind >

Ladungsträger

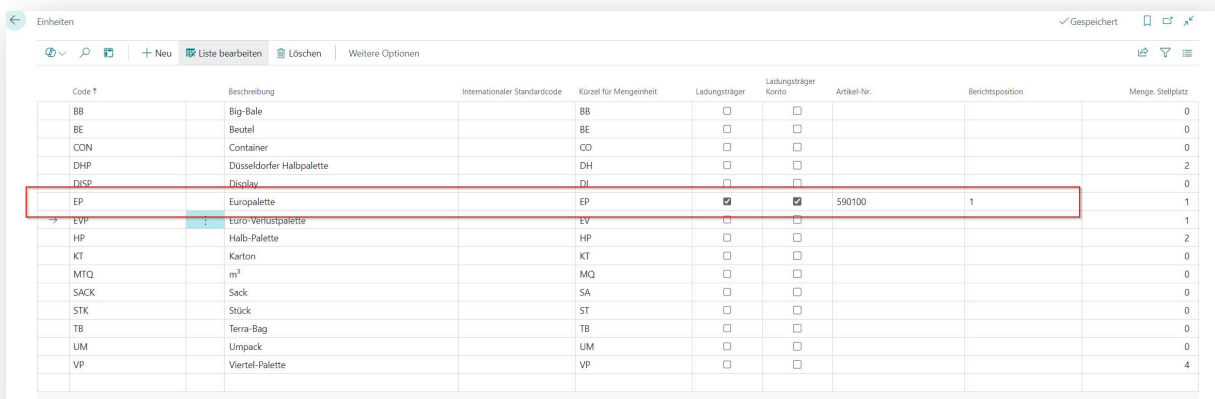
Ladungsträger Manag...

BSD Lagerbestand [] 0

Beschaffung >

Figure 2: Load Carrier Setup

In Units, the setup must be done for the load carrier packaging unit:



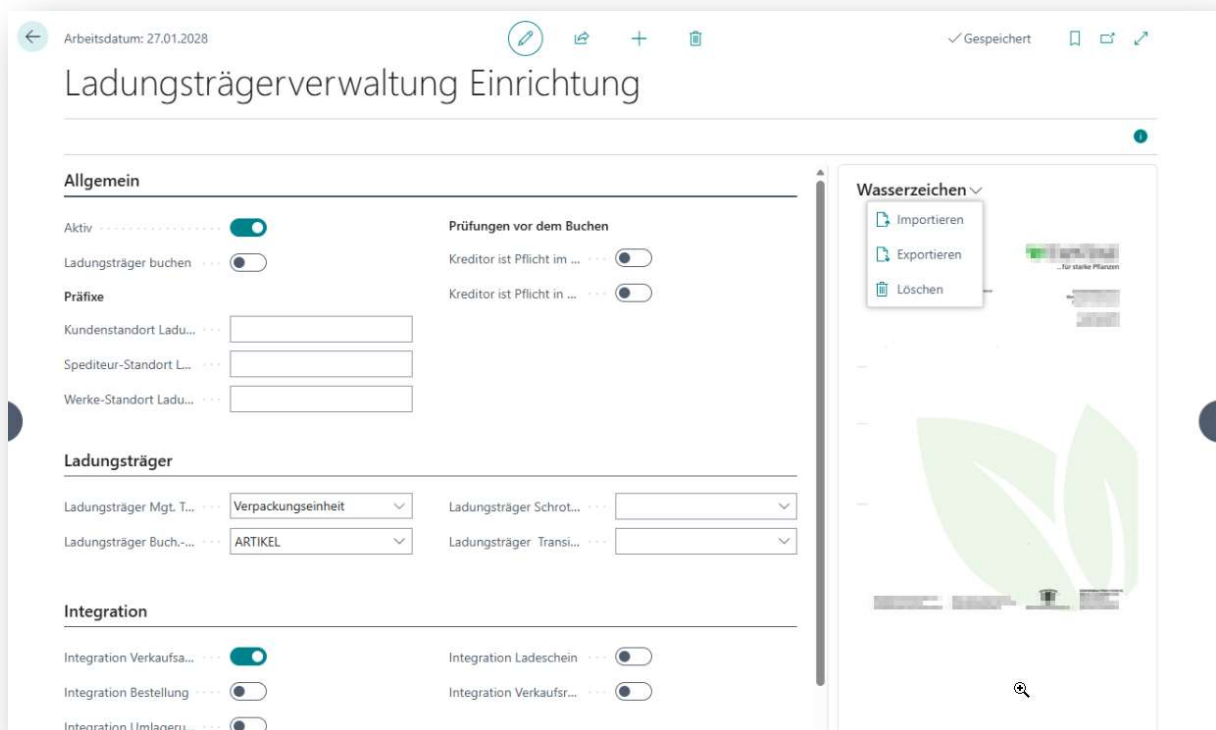
Code †	Beschreibung	Internationaler Standardcode	Kürzel für Mengeneinheit	Ladungsträger	Ladungsträger Kontor	Artikel-Nr.	Berichtsposition	Menge	Stellplatz
BB	Big-Bale		BB	<input type="checkbox"/>	<input type="checkbox"/>				0
BE	Beutel		BE	<input type="checkbox"/>	<input type="checkbox"/>				0
CON	Container		CO	<input type="checkbox"/>	<input type="checkbox"/>				0
DHP	Düsseldorfer Halbpalette		DH	<input type="checkbox"/>	<input type="checkbox"/>				2
DJSP	Display		DJ	<input type="checkbox"/>	<input type="checkbox"/>				0
EP	Europalette		EP	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	590100	1		1
EVP	Euro-Verlustpalette		EV	<input type="checkbox"/>	<input type="checkbox"/>				1
HP	Halb-Palette		HP	<input type="checkbox"/>	<input type="checkbox"/>				2
KT	Karton		KT	<input type="checkbox"/>	<input type="checkbox"/>				0
MTQ	m³		MQ	<input type="checkbox"/>	<input type="checkbox"/>				0
SACK	Sack		SA	<input type="checkbox"/>	<input type="checkbox"/>				0
STK	Stück		ST	<input type="checkbox"/>	<input type="checkbox"/>				0
TB	Terra-Bag		TB	<input type="checkbox"/>	<input type="checkbox"/>				0
UM	Umpack		UM	<input type="checkbox"/>	<input type="checkbox"/>				0
VP	Viertel-Palette		VP	<input type="checkbox"/>	<input type="checkbox"/>				4

Figure 3: Units Setup

Field	Description
Load Carrier	Selecting this checkbox indicates that this unit is a load carrier unit.
Load Carrier Account	If this flag is enabled, a load carrier account is maintained for this unit.
Item No.	Enter the item that is used for inventory management.
Report Position	Specifies where the packaging unit is printed in the Inventory Overview report – default is 1.

For reports with logo printing, the company logo is taken from Company Information, and the letterhead (jpg, bitmap) is taken from setup in the watermark area. This must be configured there in advance.

Report ID	Description
53500	Printout of the customer's inventory list
53501	Printout of the carrier/vendor inventory list
53502	Balance confirmation for the vendor
53503	Balance confirmation for the customer



Arbeitsdatum: 27.01.2028

Ladungsträgerverwaltung Einrichtung

✓ Gespeichert

Allgemein

Aktiv

Ladungsträger buchen

Präfixe

Kundenstandort Ladu...

Spediteur-Standort L...

Werke-Standort Ladu...

Ladungsträger

Ladungsträger Mgt. T...

Ladungsträger Schrot...

Ladungsträger Buch...

Ladungsträger Transi...

Integration

Integration Verkaufsa...

Integration Bestelung

Integration Umlageru...

Prüfungen vor dem Buchen

Kreditor ist Pflicht im ...

Kreditor ist Pflicht in ...

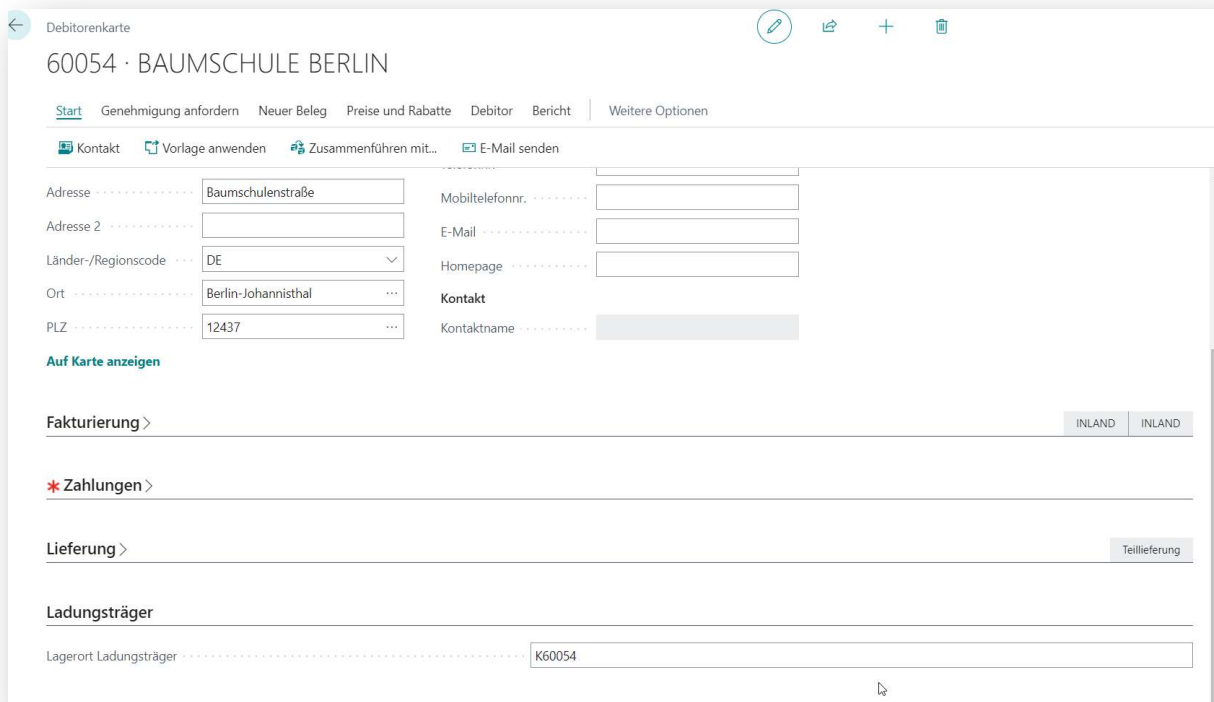
Wasserzeichen

Importieren

Exportieren

Löschen

On the customer, the load carrier account must be filled.



Debitorenkarte

60054 · BAUMSCHULE BERLIN

Start Genehmigung anfordern Neuer Beleg Preise und Rabatte Debitor Bericht Weitere Optionen

Kontakt Vorlage anwenden Zusammenführen mit... E-Mail senden

Adresse Baumschulenstraße Mobiltelefonnr.

Adresse 2 E-Mail

Länder-/Regionscode DE Homepage

Ort Berlin-Johannisthal Kontakt

PLZ 12437 Kontaktname

Auf Karte anzeigen

Fakturierung INLAND INLAND

* Zahlungen

Lieferung Teillieferung

Ladungsträger

Lagerort Ladungsträger K60054

In addition, the inventory posting setup must be completed:



Lagerbuchung Einrichtung

✓ Gespeichert

+ Neu Liste bearbeiten Löschen Bearbeiten Ansicht

Lagerortcode	Lagerbuchungs...	Beschreibung	Alle Kon... in Loo...	Lagerkonto	Lagerkonto (Interim)	Unf.-Arbeit-Konto
K60054	LAGER		<input type="checkbox"/>	3970		
LAGER	LAGER	Lager Uetersen	<input type="checkbox"/>	3970		7000
TRANSIT	LAGER		<input type="checkbox"/>	3970		

The load carrier account must also be filled on the vendor, and the inventory posting setup must be completed.

Kreditorenkarte

80699 · KOMPOST UND ERDEN HAMBURG

Start Genehmigung anfordern Neuer Beleg Kreditor Preise und Rabatte Bericht Weitere Optionen

Kontakt Zusammenführen mit... Vorlage anwenden E-Mail senden Kreditoren bezahlen

Länder-/Regionscode DE Homepage
Ort Hamburg Unsere Kontonr. 200699
PLZ 22419

[Auf Karte anzeigen](#)

Fakturierung >

Zahlungen >

Lieferung >

ERDENind >

Ladungsträger

Lagerort Ladungsträger 80699 Kreditorenart

Figure 4: Vendor Setup – Load Carrier Account

This setup is automatically completed by the system once a vendor or customer is posted.

SALES ORDER INTEGRATION

If Sales Order integration is enabled, the sales order is extended with a "Load Carriers" tab:

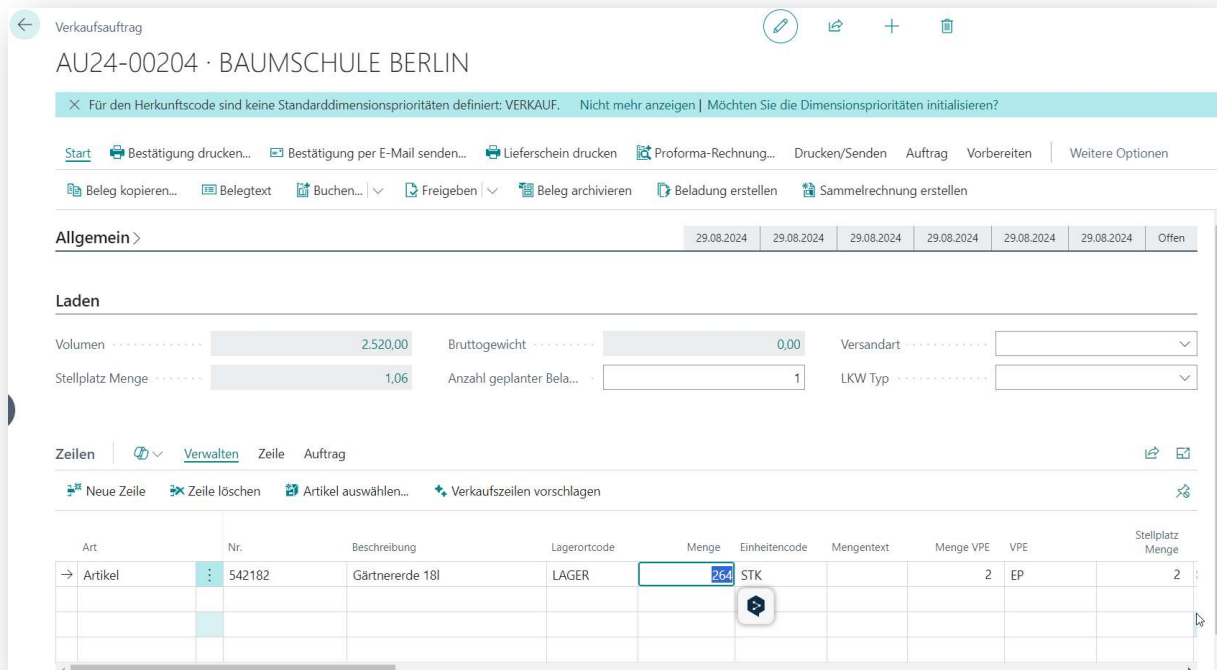


Figure 5: Sales Order with One Item on a Euro Pallet

The item to be delivered has the Euro pallet as its packaging unit, and it is defined that 132 pieces can be delivered on one Euro pallet.

In the Load Carriers tab, the packaging unit to be delivered is displayed and summarized across the sales order.

This means a total is calculated across all identical packaging units. In this case, the "Qty. to Ship" from the sales line is used as the quantity.

Field "Post Load Carriers".

This field is enabled automatically when the integration is enabled in Load Carrier setup. If you do not want to post load carriers, you can clear the checkbox.

Field	Description
Loading No.	Is populated with the delivery note/loading note number when the sales order is processed via a delivery note/loading note.
Quantity	The accumulated packaging unit quantity from the sales order.
Packaging Unit	The packaging unit used.
Returned Quantity	You can enter a quantity here if load carriers are returned as part of the order process.
Returned Packaging Unit	Specifies the packaging unit for which load carriers were returned.
Description	Is populated with the description of the returned packaging unit.
Location	The location used on the sales order.
Carrier	The carrier used for this sales order. This can be entered manually or come from a delivery note/loading note.
Carrier Name	The name of the carrier/delivery provider.
Vendor No.	Specifies the vendor number.
Vendor Name	Specifies the vendor name.
Load Carrier is One-Way	Indicates whether these are one-way pallets; in that case, no inventory is tracked.

SALES ORDERS – PARTIAL PALLETS

A calculated value of 0.136 partial pallets is not counted in the overall total when the pallet is used as the packaging unit.

AU24-01979 · Eggert Finder

Benachrichtigungen: 2 Für den Herkunftscod sind keine Standarddimensionsprioritäten definiert: VERKAUF | Dieser Debitur hat einen überfälligen Saldo.

Start Bestätigung drucken... Bestätigung per E-Mail senden... Lieferschein drucken... Proforma-Rechnung... Drucken/Senden Auftrag Vorbereiten Weitere Optionen

Beleg kopieren... Belegtext Buchen... Freigeben Beleg archivieren Beladung erstellen Rechnung erstellen Geb. Lieferungen

Volumen 18.012,00 Bruttogewicht 0,00 Versandart

Stellplatz Menge 8,38 Anzahl geplanter Beladungen 1 LKW Typ

Zeilen Verwalten Zeile Auftrag

Neue Zeile Zeile löschen Artikel auswählen... Beladungszeilen

Art	Nr.	Artikelrefere... Nr.	Beschreibung	Lagerortcode	Kreditorennr.	Dire...	GTIN	Menge	Einheitencode	Mengentext	Menge VPE	VPE	Pala...	Stellplatz Menge
Artikel	232245		Ein... 18	LAGER			400766723...	132	STK		1	EP	<input type="checkbox"/>	1
Artikel	234369		Ein... 40	LAGER			400766723...	108	STK		2	EP	<input type="checkbox"/>	2
Artikel	230081		Ein... 1...	LAGER			400766723...	132	STK		1	EP	<input type="checkbox"/>	1
Artikel	230067		Ein... 4...	LAGER			400766723...	108	STK		2	EP	<input type="checkbox"/>	2
Artikel	230364		Ein... 1	LAGER			400766723...	39	STK		1	EP	<input type="checkbox"/>	1
Artikel	233280		Ein... 60	LAGER			400766723...	39	STK		1	EP	<input type="checkbox"/>	1
Bemerkung			Bitte packen:										<input type="checkbox"/>	
Artikel	231651		Ein... 18	LAGER			400766723...	18	STK		0,136	EP	<input type="checkbox"/>	0,136
Artikel	204334		Ein... 8/16...	LAGER			400766720...	18	STK		0,151	EP	<input type="checkbox"/>	0,151
Artikel	231552		Ein... 12	LAGER			400766723...	12	STK		0,091	EP	<input type="checkbox"/>	0,091
→ Artikel	596201		Ein... 36	LAGER			400766720...	36	STK		3	KT	<input type="checkbox"/>	

Figure 8: Partial pallets with proportional packaging unit

Auftrag Ladungsträger

Neue Zeile Zeile löschen

Ladungsträger Buchen

Ladentr.	Menge	VPE 1	Zurückgegebene Menge	Zurückgegebene VPE	Bezeichnung	Lagerortcode ↑	Sj
→	11,00	EP	0,00			LAGER	

Lieferschein				
Belegnummer	AU24-01979-L1	Kunden Nr.:	20469	
Datum	18.07.25	Betreuer:		
		Bearbeiter:		
Versandart		Leistungsdatum 18.07.25		
Lieferbedingung				
Pos.	Art-Nr.	Artikel Bezeichnung	Menge/St	VE
	232245	...	132 STK	1
	234369	...	108 STK	2
	230081	...	132 STK	1
	230067	...	108 STK	2
	230364	...	39 STK	1
	233280	Flux Filament, 25-40, grob 60l	39 STK	1
	231651	Bitte packen:	18 STK	
	204334	...	18 STK	
	231552	...	12 STK	
	596201	...	36 STK	3
		Europalette	8	
		Karton	3	

Therefore, partial pallets are displayed and calculated as individual bags within the packaging unit:

Bemerkung		Bitte packen:			<input type="checkbox"/>									
Artikel	231651	FruX Rosenerde 18l	LAGER		<input type="checkbox"/>	400766723...	18	STK		0,136	EP	<input type="checkbox"/>	0,136	
Artikel	204334	FruX Tongranulat-Hydroton 8/16...	LAGER		<input type="checkbox"/>	400766720...	18	STK		0,151	EP	<input type="checkbox"/>	0,151	
Artikel	231552	FruX Rhododendronerde 18l	LAGER		<input type="checkbox"/>	400766723...	12	STK		0,091	EP	<input type="checkbox"/>	0,091	
Artikel	596201	FruX Blumendünger Guano 1l	LAGER		<input type="checkbox"/>	400766720...	36	STK			3	KT		
Artikel	231651	FruX Rosenerde 18l	LAGER		<input type="checkbox"/>	400766723...	18	STK	18ST		18	STK		

Figure 9: Partial pallets without pallet

Lieferschein

Belegnummer AU24-01979-L3 **Kunden Nr.:** 20469
Datum 18.07.25 **Betreuer:** [redacted]
Bearbeiter: [redacted]

Versandart [redacted] **Leistungsdatum:** 18.07.25

Pos.	Art-Nr.	Artikel Bezeichnung	Menge/St	VE
	232245	[redacted] Torffrei 18l	132 STK	1
	234369	[redacted] Torffrei 40l	108 STK	2
	230081	[redacted] Torfhumus 18l	132 STK	1
	230067	[redacted] Torfhumus 40l	108 STK	2
	230364	[redacted] Torfhumus 10l	39 STK	1
	233280	FruX Pflanzenerde, 25-40, grob 60l	39 STK	1
	Bitte packen:			
	231651	FruX Rosenerde 18l	18 STK	
	204334	FruX Tongranulat-Hydroton 8/16 10l	18 STK	
	231552	FruX Rhododendronerde 18l	12 STK	
	596201	FruX Blumendünger Guano 1l	36 STK	3
	231651	FruX Rosenerde 18l	18 STK	18
		Europalette	8	
		Karton	3	
		Stück	18	

PURCHASE ORDER INTEGRATION

If Purchase Order integration is enabled, the purchase order is extended with a "Load Carriers" tab:

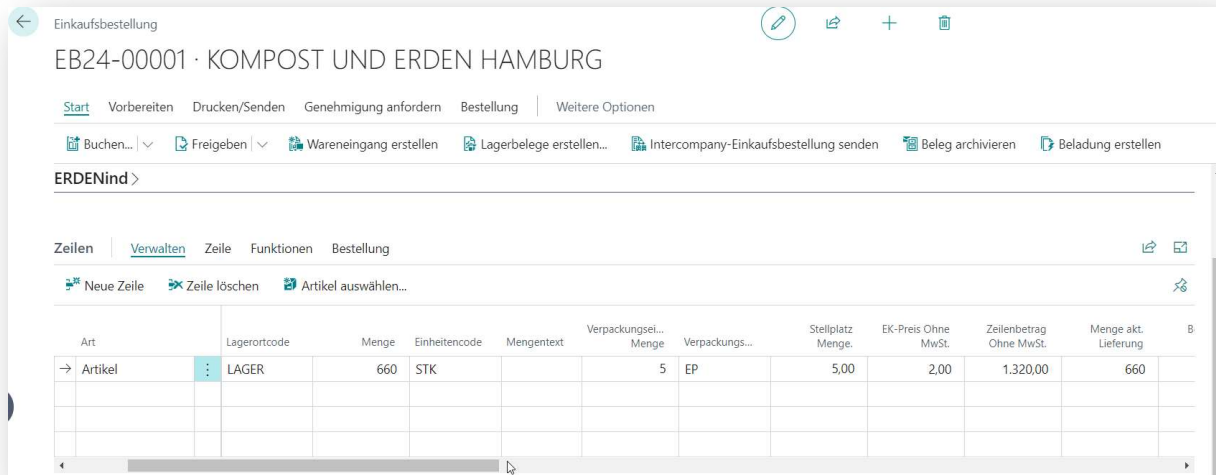


Figure 10: Purchase Order with Load Carrier Packaging Unit

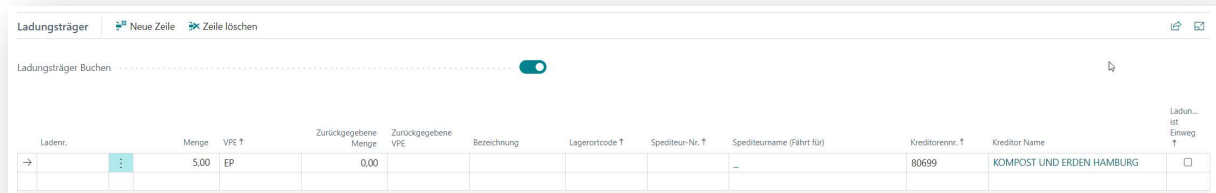


Figure 11: Load Carriers for Purchase Order

The fields are identical to those on the sales order.

Unlike the sales order, the vendor is defaulted from the purchase order, and the destination location is taken from the vendor's load carrier account.

TRANSFER ORDER INTEGRATION

If Transfer Order integration is enabled, the transfer order is extended with a "Load Carriers" tab:

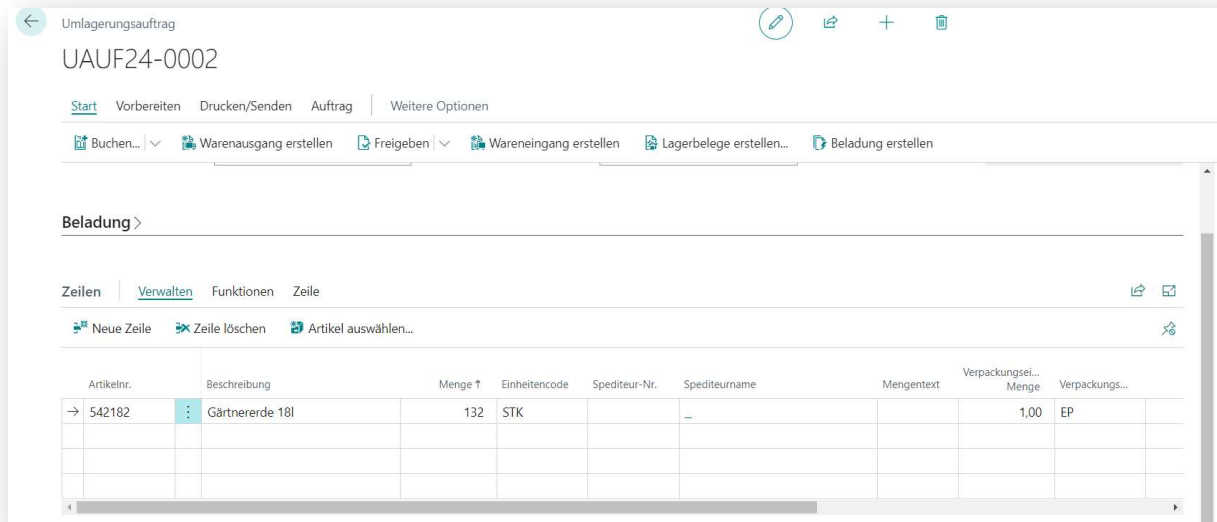
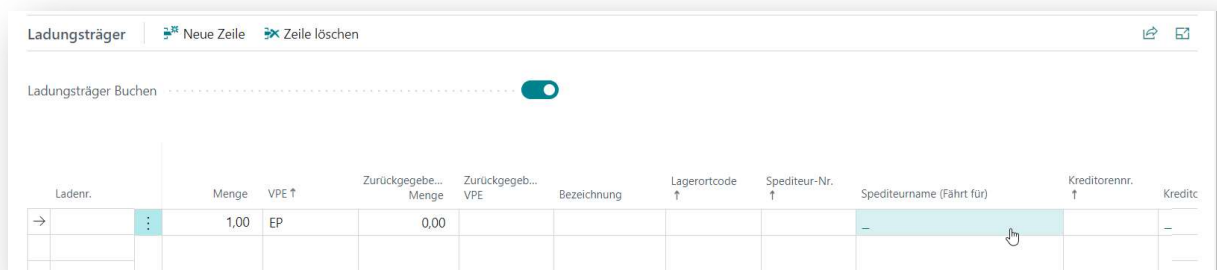


Figure 12: Transfer Order



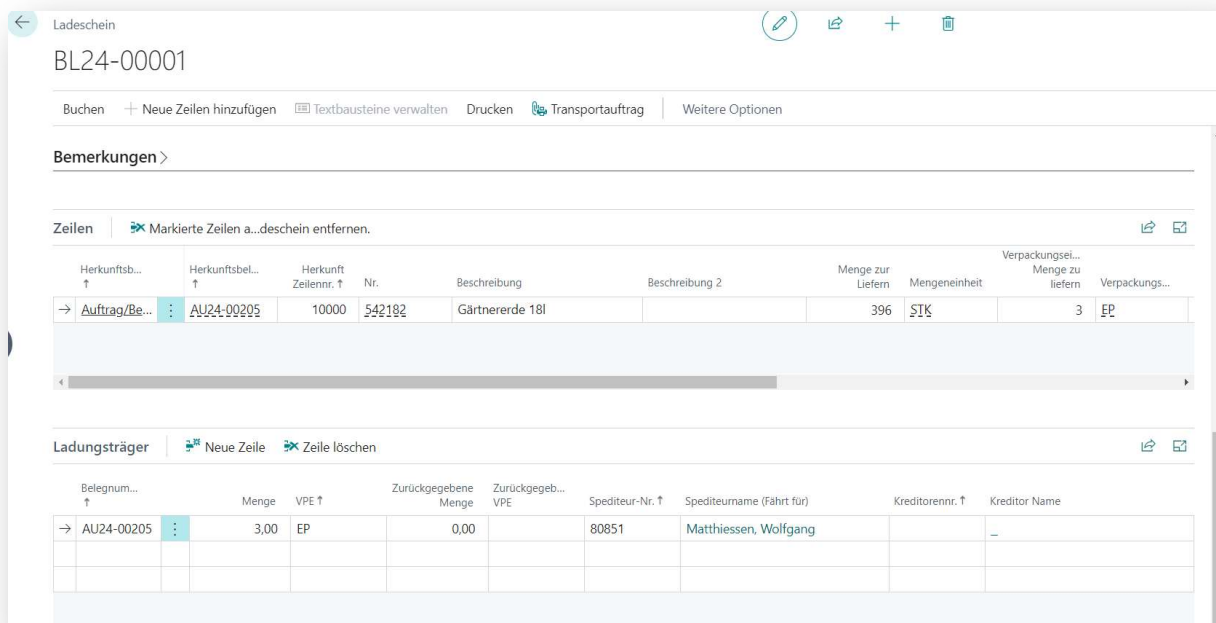
The location is not filled here because it changes during the process.

When posting with an in-transit location, the shipment is posted to the in-transit location, and the receipt is posted from the in-transit location to the destination location.

Without an in-transit location, posting is performed directly from location to location.

DELIVERY NOTE INTEGRATION

If Delivery Note integration is enabled, the delivery note is extended with a “Load Carriers” tab:



The screenshot shows a SAP Delivery Note (Ladeschein) for document BL24-00001. The interface includes a header with document number, a menu bar with options like 'Buchten', 'Neue Zeilen hinzufügen', 'Textbausteine verwalten', 'Drucken', 'Transportauftrag', and 'Weitere Optionen'. Below the header is a 'Bemerkungen' section. The main area is divided into two tabs: 'Zeilen' and 'Ladungsträger'. The 'Zeilen' tab is active, showing a table with columns for 'Herkunfts...', 'Herkunftsbel...', 'Herkunft Zeilennr.', 'Nr.', 'Beschreibung', 'Beschreibung 2', 'Menge zur Liefern', 'Mengeneinheit', 'Verpackungsei...', 'Menge zu liefern', and 'Verpackungs...'. A single row is visible with the following data: 'Auftrag/Be...', 'AU24-00205', '10000', '542182', 'Gärtnererde 18l', '396', 'STK', '3', and 'EP'. The 'Ladungsträger' tab is also visible, showing a table with columns for 'Belegnum...', 'Menge', 'VPE', 'Zurückgegebene Menge', 'Zurückgegebene VPE', 'Spediteur-Nr.', 'Spediteurname (Fahrt für)', 'Kreditorennr.', and 'Kreditor Name'. A single row is visible with the following data: 'AU24-00205', '3,00', 'EP', '0,00', '80851', 'Matthiessen, Wolfgang', and '-'.

Figure 13: Delivery Note with Load Carriers

On the delivery note, the carrier is written directly to the load carriers. For determining the load carriers, the “Qty. to Deliver” is used in the load carrier lines.

On the sales order, you can see that the order has been assigned to a delivery note because the Loading No. field is filled.

Ladentr.	Menge	VPE ↑	Zurückgebe... Menge	Zurückgeb... VPE	Bezeichnung	Lagerortcode ↑	Spediteur-Nr. ↑	Spediteurname (Fahrt für)	Kreditorennr. ↑	Kredite
→ BL24-00001	3,00	EP	0,00			LAGER	80851	Matthiessen, Wolfgang		-

Figure 14: Load Carriers on the sales order linked to a delivery note

When the delivery note is posted, the sales order—and with it the load carriers—is posted as well.

SALES COMPLAINT INTEGRATION

If Sales Complaint integration is enabled, the sales complaint is extended with a “Load Carriers” tab:

Art	Beschreibung	Reklamations...	Lagerortcode	Menge	Einheitencode	VK-Preis Ohne MwSt.	Zeitenrabatt %	Zeilenbetrag Ohne MwSt.	Menge akt. Rücksendung
→ Artikel	Gärtnererde 18l		LAGER	132	STK	2,00		264,00	132

Figure 15: Sales Complaint

Ladungsträger Buchen ☑

Ladenr.	Menge	VPE ↑	Zurückgebe... Menge	Zurückgegeb... VPE	Bezeichnung	Lagerortcode ↑	Spediteur-Nr. ↑	Spediteurname (Fährt für)
→	:	1,00	EP	0,00		LAGER		-

Figure 16: Load Carriers for the sales complaint

LOAD CARRIER MANAGEMENT

Load Carrier Management provides an overview of posted load carrier entries. Various functions are available in Load Carrier Management for processing.



Figure 17: Actions in Load Carrier Management

- Information

Use this action to add additional information to a posted load carrier entry:

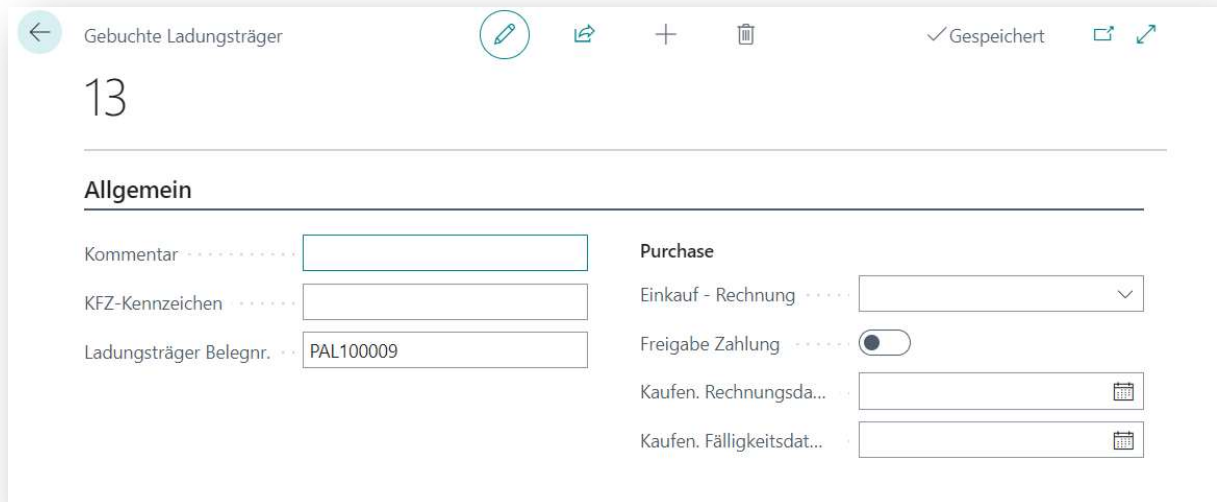
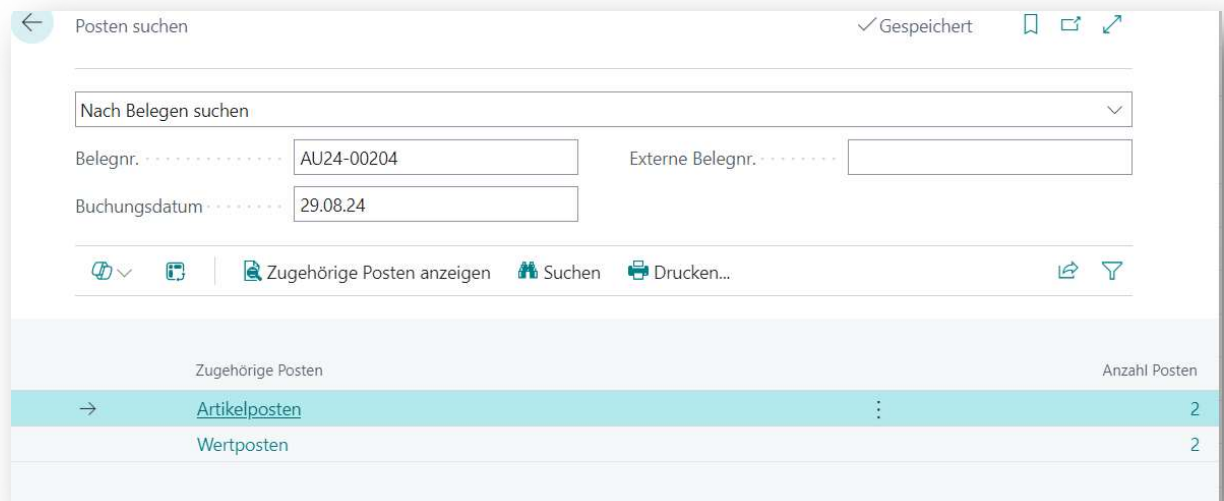


Figure 18: Information for posted load carriers

- **Open Load Carrier Posting Sheet**
Opens the Load Carrier Posting Sheet – see section Load Carrier Posting Sheet.
- **Reverse Load Carrier Entry**
Opens the Load Carrier Posting Sheet to reverse the selected posted load carrier. All item postings related to this load carrier are reversed as well.

- Find Entries

Opens the standard “Find Entries” window and displays the item ledger entries linked to this load carrier entry.

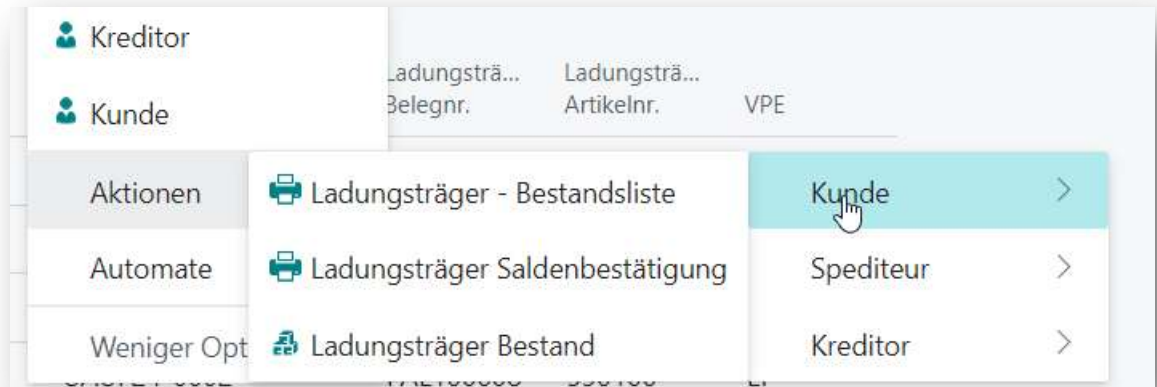


Zugehörige Posten	Anzahl Posten
→ Artikelposten	2
Wertposten	2

Figure 19: Find Entries window

- Carrier / Delivery Provider
Opens the vendor card for the carrier, if one is entered.
- Vendor
Opens the vendor card of the producer.
- Customer
Opens the customer card.

- Reports



Using these actions—based on the current entry for the carrier, customer, or vendor—you can generate the following reports:

- Load Carrier Inventory List
- Load Carrier Balance Confirmation
- Load Carrier Inventory

PROCESS OPTIONS

- **Sales order with delivery by carrier / delivery provider:**
 - Outbound posting from warehouse (own warehouse)
 - Inbound posting to carrier warehouse

- **Sales credit memo with return delivery by carrier:**
 - Inbound posting to warehouse (own warehouse)
 - Outbound posting from carrier warehouse

- **Notification by returned delivery note or by phone:**
(currently only possible via the load carrier posting sheet)
 - Unloading point (customer): pallets received
 - § Inbound posting via pallet posting sheet to customer account
 - § Outbound posting via pallet posting sheet from carrier warehouse
 - Unloading point (customer): pallets exchanged
 - § Outbound posting via pallet posting sheet from customer account
 - § Inbound posting via pallet posting sheet to carrier warehouse

- **Pickup of pallets only by the carrier from the customer:**
(currently only possible via the load carrier posting sheet)
 - Outbound posting from customer account warehouse
 - Inbound posting to warehouse (own warehouse)
 - Scrap pallets are no longer posted to inventory, but to scrap

- **Sales order – customer pickup of goods on pallets without a carrier:**
 - Outbound posting from warehouse (own warehouse)
 - Inbound posting to customer warehouse