

# Shipping

Let us create sales order

## Create Sales Order: Initial Screen

Create with Reference | Sales | Item

Order Type  Standard Order

Organizational data

Sales Organization	<input type="text" value="1000"/>	USA Denver
Distribution Channel	<input type="text" value="10"/>	Final customer sa
Division	<input type="text" value="00"/>	Cross-division

Click

On the next screen, enter customer, requested delivery date and material as below.


Sold-to party	<input type="text" value="1321"/>	Becker Stuttgart / Triberger Strasse 42 / DE / 70569 Stuttgart	
Ship-to party	<input type="text" value="1321"/>	Becker Stuttgart / Triberger Strasse 42 / DE / 70569 Stuttgart	
PO Number	<input type="text" value="shipping example"/>	PO date	<input type="text"/>

Complete dlv. | Deliver.Plant  | Total Weight  KG  
 Delivery block  | Volume  M3  
 Billing block  | Pricing date   
 Payment card  | Exp.date   
 Payment terms  14 Days 3%, 30/2... | Incoterms  Stuttgart  
 Order reason    
 Sales area  /  /  Germany Frankfurt, Final customer sales, Cross-division

All items													
Item	Material	Order quantity	SU	Description	S	Customer Ma...	ItCa	DG...	HgLvlt	D	First date	Plnt	B.
	<u>10</u> P-102		1	PC Pumpe PRECISIO...	<input type="checkbox"/>		TAN			D	02.01.2007	1000	
					<input type="checkbox"/>					D	02.01.2007		

Click 

Message displayed at the bottom of the screen.

 Standard Order 10647 has been saved

Let us check shipping point determined in the sales order.

Plant	1000	Werk Hamburg
Shipping Point	1000	Shipping Point Hamb...
Route	R00030	Hamburg - Stuttgart

1000 is the shipping point determined.





Shipping point, 02 (standard) from sold-to party record of customer 1321, plant 1000 and loading group, 0001 (crane) determines

## Delivery and picking

Transaction code – VL01N

Enter shipping point, date for delivery creation and order number

**Create Outbound Delivery with Order Reference**

With Order Reference  W/o Order Reference    

Shipping point  Shipping Point Hamburg

Sales order data

Selection date

Order

Click 

### Delivery Create: Overview

Post goods issue

Outbound deliv.  Document Date 24.12.2006

Ship-to party 1321

Item Overview Picking Loading Transport Status Overview Goods Movement Data

Pick Date/Time 27.12.2006 00:00... OvrllPickStatus A Not yet picked

Warehouse No. 010 Lean warehouse Ha... OverallWMStatus A WM Trnsf order reqd

Item	Material	Plnt	SLoc	Delivery quantity	SU	Pick quantity	SU	Batch	B...
10	P-102	1000	0001	1	PC	0	PC		

Picking location determined is 0001.

Storage condition of P-102

### Display Material P-102 (Finished product)

Additional data Organizational levels

Work scheduling Plant data / stor. 1 Plant data / stor. 2 Warehouse mgmt 1

Material P-102 Pump PRECISION 102

Plant 1000 Werk Hamburg

Stor. loc. 0001 Materiallager

General data

Base Unit of Measure PC piece(s) Unit of issue

Storage bin  Picking area

Temp. conditions  Storage conditions

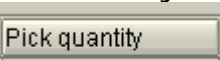
Picking location determination as per MALA rule

### Change View "Picking Location Determination":

New Entries

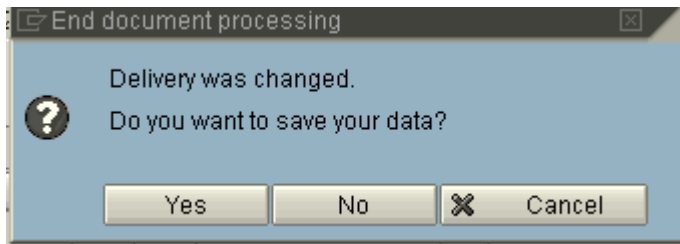
ShPt	Plnt	SC	SLoc
1000	1000		0001

Picking can be done manually if it is not warehouse managed by

adding quantity in  field.

P-102 is warehouse managed, therefore pick quantity column is grayed out. It will require transfer order to pick material from warehouse.

Menu path




Click "Yes"


Delivery and transfer order are created

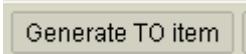
## Create Transfer Order for Delivery Note: I

Warehouse Number	010
Plant	
Delivery	80014036
Group	


  

Control	
<input checked="" type="checkbox"/> Activate Item	
Foreground/Backgrnd	System-Guided 
Adopt pick.quantity	1

Select "1 – include picking quantities in deliveries" in Adopt pick quantity field and Click 

Click on 

## Create TO for Delivery: Overview Deliveries

Generate TO item 	Stor.type srch seq.
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Warehouse Number	010	Delivery Priority	2
Delivery	80014036	Picking Date	27.12.2006
Shipping Point	1000	Loading Date	28.12.2006

Active Worklist	Inactive items	Processed items
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Items												
Delivery	It...	Materi...	Description	Plant	SLoc	Batch	Withdrawal quantity	S...	2..	T..	Shi...	D..Pi
80014036	10	P-102	Pumpe PRECISION 102	1002	1000	0001	1	PC		<input checked="" type="checkbox"/>		0


Click 


Message of transfer order creation is displayed as below

## Create Transfer Order for Delivery Note: I

Warehouse Number	010
Plant	
Delivery	80014036
Group	

### Control

<input checked="" type="checkbox"/> Activate Item	
Foreground/Backgrnd	System-Guided 
Adopt pick.quantity	1
Adopt putaway qty	
Putaway TO proc.	

 Transfer order 0000001971 created

## Packing

Transaction code – VL02N

## Change Outbound Delivery

Outbound Delivery

Click 

### Delivery 80014036 Change: Overview

Outbound deliv.  Document Date   
Ship-to party

Item Overview Picking Loading Transport Status Overview Goods Movement Data

Pick Date/Time   OvrllPickStatus  Fully picked  
Warehouse No.  Lean warehouse Ha... OverallWMStatus  WM trsf ord confirmd


All items

Item	Material	PInt	SLoc	Delivery quan...	SU	Pick quantity	SU	Batch	B...	Docu. Batc...	PV	Mat.av.dt
10	P-102	1000	0001	1	PC	1	PC				C	C 27.12.2

It shows picking status as "fully picked"

Menu path for packing

Outbound Delivery Edit Goto Extras Environment Subsequent Functions

  Pack Shift+F6



## Display Material P-102 (Finished product)

➔ Additional data

🏢 Organizational levels



Sales: sales org. 2



Sales: general/plant



Foreign

Material	P-102	Pump PRECISION 102
Plant	1000	Werk Hamburg

### General data

Base Unit of Measure	PC	piece(s)	Replacer
Gross weight	280	KG	Qualifying
Net weight	250		Material f
Availability check	02	Individual reqmt	<input type="checkbox"/> Appr.b
<input type="checkbox"/> Batch management			

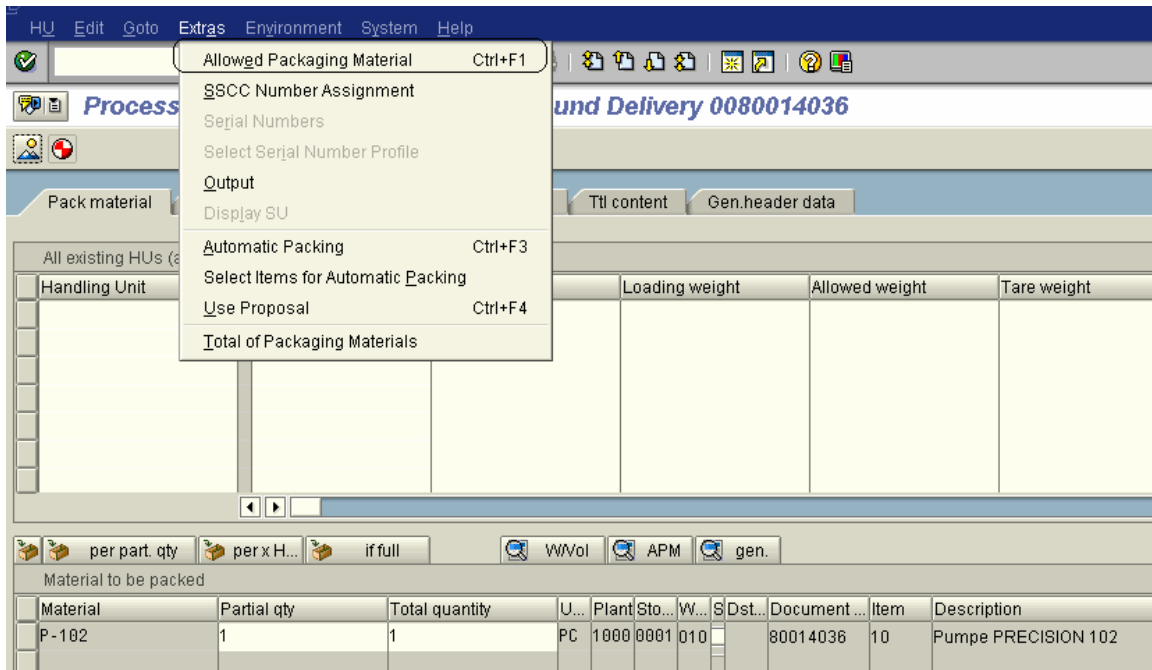
### Shipping data (times in days)

Trans. grp	0001	On palettes	LoadingGrp	0001	
Setup time	1,00	Proc. time	1,00	Base qty	40

### Packaging material data

Matl Grp Pack.Matls	M010
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Click "Allowed Packaging material"

It lists allowed packaging materials for P-102.

P-102 (3) 42 Entries Found 42 Entries Found

Restrictions

✓ ✕ 🏠 🏠 🖨️ 📄

Material	Material description	PkM...	GrPmt	BUn
PK-104	Wooden crate for pumps (domestic)	V010	K030	PC
PK-101	Wooden crate for pumps (Export)	V020	K040	PC
CPF40140	Pallet	V060		PC
PK-095	Pallet 110 x 110 x 12,5 Type A	V060	P010	PC
PK-415	Pallet 110 x 110 x 12,5 Type A	V060	P010	PC
PK-HUM	Pallet 110 x 110 x 12,5 Type A	V060	P010	PC
R100024	Pallet	V060		PC
RFID-CASE	RFID CASE	V060	P010	CSE
RFID-PALLET	RFID PALLET	V060		PAL
RFID_CASE	RFID CASE	V060	P010	CSE
RFID_PALLET	RFID PALLET	V060		PAL
T-ZS501	Pallet 110 x 110 x 12,5 Type A	V060	P010	PC
T-ZS502	Pallet 110 x 110 x 12,5 Type A	V060	P010	PC
T-ZS503	Pallet 110 x 110 x 12,5 Type A	V060	P010	PC
T-ZS504	Pallet 110 x 110 x 12,5 Type A	V060	P010	PC
T-ZS505	Pallet 110 x 110 x 12,5 Type A	V060	P010	PC
T-ZS506	Pallet 110 x 110 x 12,5 Type A	V060	P010	PC
T-ZS507	Pallet 110 x 110 x 12,5 Type A	V060	P010	PC
T-ZS508	Pallet 110 x 110 x 12,5 Type A	V060	P010	PC
T-ZS509	Pallet 110 x 110 x 12,5 Type A	V060	P010	PC
T-ZS510	Pallet 110 x 110 x 12,5 Type A	V060	P010	PC
T-ZS511	Pallet 110 x 110 x 12,5 Type A	V060	P010	PC

42 Entries Found

Select PK-104. It belongs to packaging material type, V010, which is allowed for material group of packing materials, M010 (As per material master – sales / general plant data of P-102)

Processing of Handling Units for Outbound Delivery 0080014036

Pack material | Pack HUs | Pack.proposal | Single entry | Ttl content | Gen.header data

All existing HUs (available for packing)

Handling Unit	l. Packaging materials	Total Weight	Loading weight	Allowed wei...	Tare weig...	W...	Tota...	Loadi...	Allowed ...	Tare vo...	V...	P
510005670000002510	C PK -104	135		650	135	KG	1,680		1,300	1,680	M3	

per part. qty | per x H... | if full | WWol | APM | gen.

Material to be packed

Material	Partial qty	Total quantity	U...	Plant	Sto...	W...	S	Dst...	Document ...	Item	Description
P-102	1	1	PC	1000	0001	010			80014036	10	Pumpe PRECISION 102

Handling unit number gets generated as per configuration.

Select both the materials and click 

Processing of Handling Units for Outbound Delivery 0080014036

Pack material | Pack HUs | Pack.proposal | Single entry | Ttl content | Gen.header data

All existing HUs (available for packing)

Handling Unit	l. Packaging materials	Total Weight	Loading weight	Allowed weight	Tare weight	W...
510005670000002619	K-104	415	280	650	135	KG

per part. qty | per x H... | if full | WWol | APM | gen.

Material to be packed

Material	Partial qty	Total quantity	U...	Plant	Sto...	W...	S	Dst...	Document ...	Item	Description
----------	-------------	----------------	------	-------	--------	------	---	--------	--------------	------	-------------

P-102 does not now appear in "Material to be packed" section

Total weight (415 kg) is the sum of weight of packing material, PK-104(135 KG) and material, P-102(280 KG). The weights for packing and material to be delivered are copied from material master.

Example: weight of PK-104

Tare weight (135 kg) is the gross weight of PK-104

Loading weight (280 kg) is the gross weight of P-102

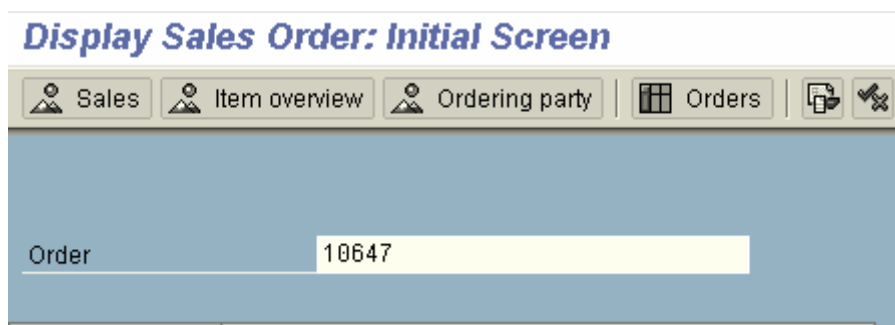
Double click on handling unit line and detailed data is displayed.



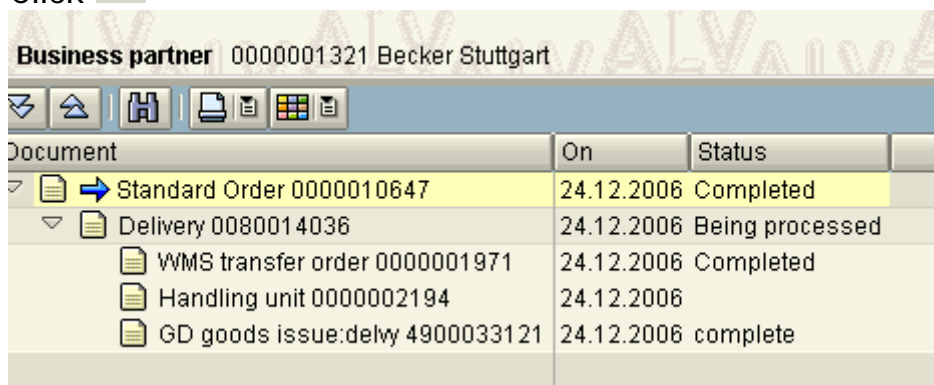
Delivery is saved and material document (MM) is created

Display document flow for the sales order 10647

Transaction code – VA03



Click 





















The screenshot shows the document flow for sales order 10647. The title bar reads 'Business partner 0000001321 Becker Stuttgart'. Below the title bar is a navigation bar with icons for 'Back', 'Home', 'Print', 'List', and 'Grid'. The main area shows a table with columns 'Document', 'On', and 'Status'.

Document	On	Status
Standard Order 0000010647	24.12.2006	Completed
Delivery 0080014036	24.12.2006	Being processed
WMS transfer order 0000001971	24.12.2006	Completed
Handling unit 0000002194	24.12.2006	
GD goods issue:delvy 4900033121	24.12.2006	complete

With goods issue, inventory and accounting is updated.

Cancellation of goods issue is possible

- ▼  Logistics
  - ▶  Materials Management
  - ▶  Sales and Distribution
  - ▼  Logistics Execution
    - ▶  Direct Store Delivery Backend
    - ▶  Inbound Process
    - ▼  Outbound Process
      - ▼  Goods Issue for Outbound Delivery
        - ▶  Outbound Delivery
        - ▶  Picking
        - ▶  Pack
        - ▶  Loading
        - ▶  Shipment
        - ▼  Post Goods Issue
          -  Outbound Delivery Single Document
          -  Collective Processing Via Outbound Deliv
          -  Schedule Background Processing
          -  Cancellation/Reversal