

Purchase Order Splitting in SAP-AFS 6.0



Applies to:

SAP AFS 6.0. For more information, visit the [Enterprise Resource Planning homepage](#).

Summary

In this article I have mentioned an important constituent of split PO functionality process in SAP-AFS. I have mentioned the description, implication PO splitting in SAP-AFS.

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Author Bio

I have taken a great interest in the contribution of SDN and since not much research and material is available on site in SAP-AFS hence I have decided to contribute it based on my experience and skill.

Currently I am working for Capgemini, India and I have experience in various organizations like Reliance, Infocomm, Accenture, IBM, etc.

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PO Splitting in SAP-AFS

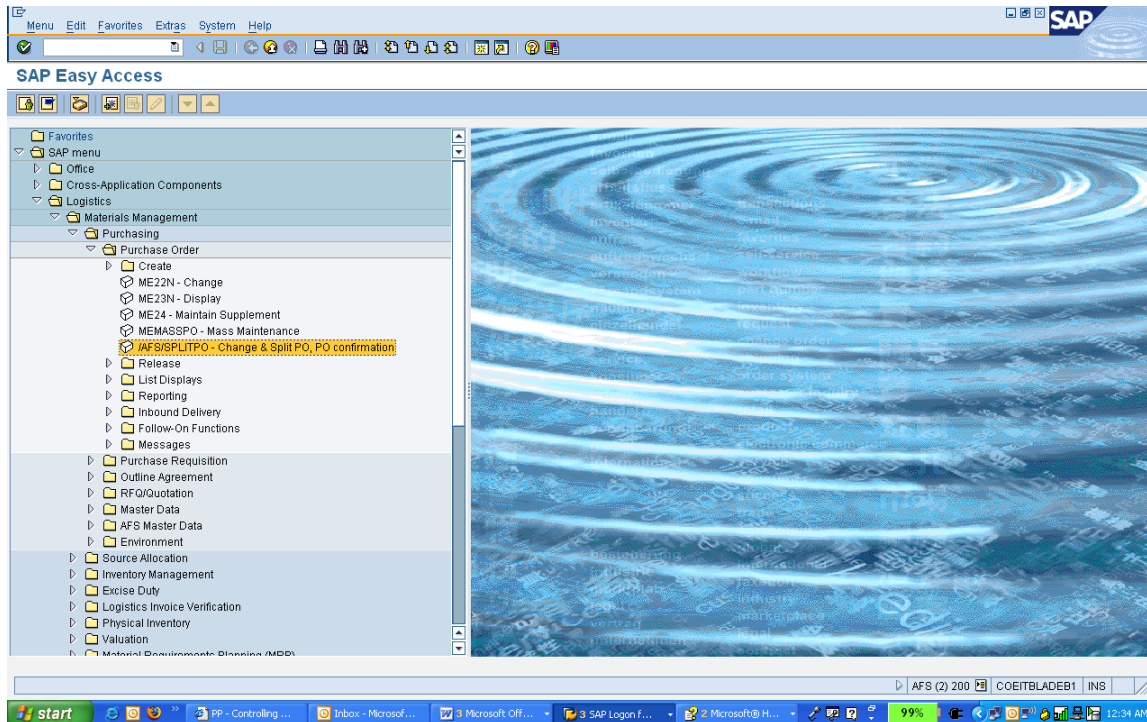
Whenever we want to change the purchase order quickly and efficiently in SAP-AFS we make use of PO split functionality. The splitting of PO takes place under the following circumstances:

- Whenever PO quantity is large then it may be that a single vendor will not be able to supply such huge quantity in the delivery time then we may reduce the burden of vendor by splitting the quantities. Thus to optimize the goods receipt we may split the PO among various purchase organization, company code, vendor etc.

Example

Following are the steps of splitting a PO based on quantity:

We have already created a PO of 100 quantities



Purchase order Edit Goto System Help

Split & Change PO

Data selection

Purchasing Doc. 4500000213

Item

Material

Item Category

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Purchase order Edit Goto System Help

Split & Change PO: Item Overview

Header data

Purchasing Doc. 4500000213 Created on 08.10.2008 Document Type NB

Company Code BP01 New Balance Purch. Group 001 Purch. Group 1

Vendor 666667 HSBC Bank US N.A. Purchasing Org. BP01 Purchasing Org. BP01

Item Data

Item	Material	Short Text	Plant	Stor.	PO Quantity	Or.	Open Quantity	Deliver
10	M999 NAVY	NB Prototype Shoe - M999NV	BP01		100	EA	100	20.10.

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Purchase order Edit Goto System Help

Split & Change PO: Item Overview

Go to the change/split screen (F8)

Purchasing Doc.: 4500000213
 Company Code: BP01
 Vendor: 666667
 New Balance: HSBC Bank US N.A.
 Created on: 08.10.2008
 Document Type: NB
 Purch. Group: 001
 Purchasing Org.: BP01
 Purch. Group 1: Purch. Group 1
 Purchasing Org. BP01: Purchasing Org. BP01

Item	Material	Short Text	Plant	Stor.	PO Quantity	Or	Open Quantity	Deliver
10	M999 NAVY	NB Prototype Shoe - M999NV	BP01		100	EA	100	20.10.

AFS (1) 200 COEITBLADEB1 INS 12:13 AM

Purchase order Edit Goto System Help

Change PO

Split <-> Change PO (Shift+F8)

Purchasing Doc.: 4500000213
 Company Code: BP01
 Vendor: 666667
 New Balance: HSBC Bank US N.A.
 Created on: 08.10.2008
 Document Type: NB
 Purch. Group: 001
 Purchasing Org.: BP01
 Purch. Group 1: Purch. Group 1
 Purchasing Org. BP01: Purchasing Org. BP01

Item	Material	Short Text	Order Quantity	OU	Plant	SLoc	C	Delivery Date	Quant
10	M999 NAVY	NB Prototype Shoe - M999NV	100	EA	BP01			20.10.2008	

Schedule Lines Log

Item: [10] M999 NAVY, NB Prototype Shoe - M999NV

SL	Scheduled Quantity	Reduced Quantity	Open Quantity	Delivery Date	Qty Delivered	Qty Reduced (MRP)	Invoice
1	100	0	100	20.10.2008	0	0	

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Under schedule line tab we change the quantity to 50 and press the simulate button and the output is shown below with 2 line items of 50 each.

Split PO

Header data: [Simulate (F6)]

Purchasing Doc.: 450000213
 Company Code: BP01
 Vendor: 666667 HSBC Bank US N.A.

Created on: 08.10.2008
 Purch. Group: 001
 Purchasing Org.: BP01

New data:
 Company Code: BP01
 Vendor: 666667 HSBC Bank US N.A.
 Purch. Group: 001
 Purchasing Org.: BP01

Item	Material	Short Text	Order Quantity	OU	Plant	SLoc	Ne.	Ne.	C	Delivery T
10	M999 NAVY	NB Prototype Shoe - M999NV	50	EA	BP01	BP01				20.10.20
20	M999 NAVY	NB Prototype Shoe - M999NV	50	EA	BP01	BP01				20.10.20

Schedule Lines Log

Item: [10] M999 NAVY, NB Prototype Shoe - M999NV

SL	New stock category	Scheduled Quantity	Reduced Quantity	Open Quantity	Delivery Date	Qty. Delivered	Qty. Reduced (MR)
1		50	0	50	20.10.2008		0

When we open the PO we see the following:

Standard PO 450000213 Created by Indraneel Mukherjee

Document Overview On | Print Preview | Messages | Personal Setting

Standard PO 450000213 Vendor: 666667 HSBC Bank US N.A. Doc. date: 08.10.2008

S	Item	Material	Short Text	PO Quantity	O	C	Deliv. Date	Net Price	Curr.	Per	O	Matl Group	Plant	Stor. Location	Bat.
	10	M999 NAVY	NB Prototype Shoe - M999	50	EA	D	20.10.2008	100,00 USD	1	EA		Mens Wear	AFS Plant		
	20	M999 NAVY	NB Prototype Shoe - M999	50	EA	D	20.10.2008	100,00 USD	1	EA		Mens Wear	AFS Plant		

Item: [10] M999 NAVY, NB Prototype Shoe - M999NV

Material Data | Quantities/Weights | Delivery Schedule | Delivery | Invoice | Conditions | Texts | Delivery Address | Confirmations | Condition Control

PO Quantity: 50 EA | Order Unit <-> Ord. Price Unit: 1 EA <-> 1 EA
 PO Qty in SKU: 50 EA | Order Unit <-> SKU: 1 EA <-> 1 EA

Net Weight: 0 KG /1 EA | Net weight: 0 KG /item
 Gross Weight: 0 KG /1 EA | Gross weight: 0 KG /item
 Volume: 0,000 /1 EA | Volume: 0,000 /item
 Points: 0,000 /1 EA | Points: 0,000 /item

You can change reduce quantities by entering the new quantity manually. Alternatively, you can choose Shift All to move the entire quantity from one item or schedule line to another or to a different PO. This reduces the quantity in the original item or schedule line to zero.

The screenshot shows the SAP Split PO transaction in its initial state. The header data includes Purchasing Doc. 4500000214, Company Code BP01, Vendor 666667, and Purchasing Org. BP01. The item list shows one line for M999 NAVY with an order quantity of 50. The schedule lines table shows a scheduled quantity of 50 and a reduced quantity of 0.

Item	Material	Short Text	Order Quantity	OU	Plant	SLOC	Ne	Ne	C	Delivery T
10	M999 NAVY	NB Prototype Shoe - M999NV	50	EA	BP01	BP01				20.10.20

SL	New stock category	Scheduled Quantity	Reduced Quantity	Open Quantity	Delivery Date	Qty Delivered	Qty Reduced (MR)
1		50		50	20.10.2008		0

After simulation we get the following result:

The screenshot shows the SAP Split PO transaction after simulation. The header data remains the same. The item list now shows two lines for M999 NAVY: one with an order quantity of 1 and another with an order quantity of 49. The schedule lines table shows a scheduled quantity of 49 and a reduced quantity of 0.

Item	Material	Short Text	Order Quantity	OU	Plant	SLOC	Ne	Ne	C	Delivery T
10	M999 NAVY	NB Prototype Shoe - M999NV	1	EA	BP01	BP01				20.10.20
20	M999 NAVY	NB Prototype Shoe - M999NV	49	EA	BP01	BP01				20.10.20

SL	New stock category	Scheduled Quantity	Reduced Quantity	Open Quantity	Delivery Date	Qty Delivered	Qty Reduced (MR)
1		49	0	49	20.10.2008		0

Restrictions

You cannot split stock transfer orders.

- You cannot use this transaction with non-AFS materials. If a purchase order contains both AFS and non-AFS materials, only the AFS materials are affected.
- You cannot select items with a status of Delivery completed or Deleted

Related Content

Forums > SAP-material management > purchase order

For more information, visit the [Enterprise Resource Planning homepage](#).

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