

# Automatically Generate PO at the Time of Goods Receipts



## Applies to:

SAP 4.6x and ECC 6.0. For more information, visit the [Supply Chain Management homepage](#).

## Summary

This article illustrates one of the Important functionalities offered by SAP R/3 in Goods receipts procedure in Material Management . This article will demonstrate the process of creation of Automatic Purchase Order at the time of Goods receipts. It shows the settings in the IMG Guide and the master data maintenance to achieve Automatic purchase Order Generation on Goods receipt

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## Author Bio



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## Business Requirement

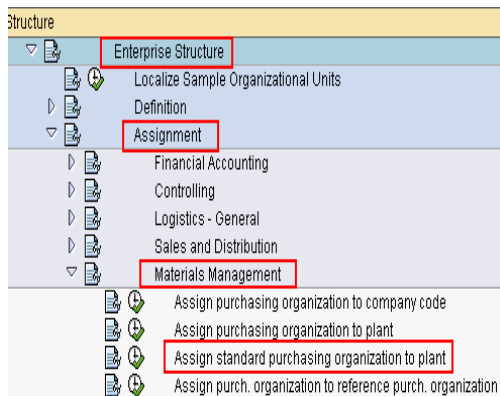
During Business process it is possible that you receive delivery of material for which there is no Purchase order in the system

You have the option of creating Purchase order automatically during goods receipt

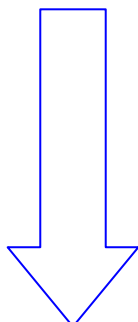
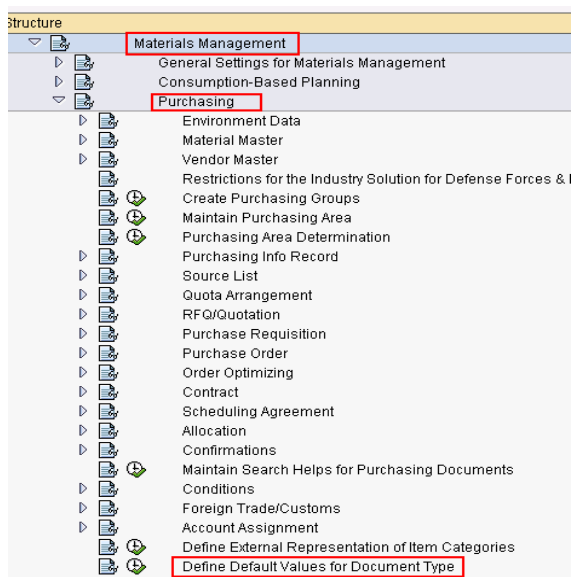
- One of the benefits of using this feature is that you are taking delivery of the raw materials which are delivered by trucks and since it is not possible to capture the actual received quantity at the time of PO creation.
- reduce the workload of purchasing department for the case of consignment process.

## Prerequisites in Customizing

1. Plant for which goods receipt is entered must be assigned to a Standard Purchase Organization



Default Document type for the Purchase order must be specified for the Goods receipt



TCode	Transaction text	Type	Doc. type descript.
MB01	Post Goods Receipt for PO	NB	Standard PO
ME21	Create Purchase Order	NB	Standard PO
ME21N	Create Purchase Order	NB	Standard PO
ME25	Create PO with Source Determination	NB	Standard PO
ME27	Create Stock Transport Order	UB	Stock transport ord.
ME31	Create Outline Agreement		
ME31K	Create Contract		
ME31L	Create Scheduling Agreement	LP	Scheduling agreement
ME37	Create Transport Scheduling Agmt.	LU	Transp. sched. agmt.
ME41	Create Request For Quotation	AN	RFQ
ME51	Create Purchase Requisition	NB	Standard (NB)
ME51N	Create Purchase Requisition	NB	Standard (NB)

3. Automatic Po generation for Movement type must be specified in customizing.

Structure
Materials Management
General Settings for Materials Management
Consumption-Based Planning
Purchasing
External Services Management
Inventory Management and Physical Inventory
Plant Parameters
Define Attributes of System Messages
Number Assignment
Field Selection for Goods Movements Initial/Header S
Settings for Enjoy Transactions
Goods Issue / Transfer Postings
Goods Receipt
Set Tolerance Limits
Create Storage Location Automatically
Create Purchase Order Automatically
Set Manual Account Assignment
Define Screen Layout

**Note:**

**Prerequisite in Application**

1. Material must be Valuated
2. Purchasing Info record must exist for the material and Vendor and Standard Purchasing Organization Combination. Conditions of the info record must be valid

Condition Edit Goto Extras Environment Pricing System Help

**Create Gross Price Condition (PB00) : Condition Supplement**

Variable key

Vendor	Mat	POrg	Plant	Description
RTS123	5000000000000000005	ZSID	NDE1 0	Standard

Validity

Valid From: 04.02.2009 Valid to: 31.12.9999

Condition supplements

CnTy	Name	Amount	Unit	per	U...	DeletionID	Scales	Texts
PB00	Gross Price	100.00	USD		1 EA		<input type="checkbox"/>	<input type="checkbox"/>
FRA1	Freight %	10.000	%				<input type="checkbox"/>	<input type="checkbox"/>

3. Purchase group must be maintained in Material Master Record.

**Display Material 50000000000000005 (Purchasing, SID Trading Goods)**

Additional data Organizational levels

Material

Mat: 50000000000000005 RevLev

Pckagin box 15x01HELLO

External Objects Purchasing Foreign trade import Purchase order text

Plant NDE1 SID DELHI

General Data

Base Unit of Measure	EA	each	Order unit		Var. OUn	<input type="checkbox"/>
<b>Purchasing group</b>	<b>P03</b>		Material group	03B07		
Plant-sp.matl status	<input type="checkbox"/>		Valid from			
Tax ind. f. material	<input type="checkbox"/>		Qual.f.FreeGoodsDis.	<input type="checkbox"/>		
Material freight grp			<input type="checkbox"/> Autom. PO			
<input type="checkbox"/> Batch management			OB Management	<input type="checkbox"/>		
			OB ref. matrial			

## Goods receipt with Movement Type 101

Goods Receipt Purchase Order -

Show Overview | Hold | Check | Post | Help

A01 Goods Receipt | R01 Purchase Ord... | GR goods receipt | 101

General | Vendor

Document Date: 04.02.2009 | Delivery Note: | Posting Date: 04.02.2009 | Bill of Lading: | HeadText: |  1 Individual Slip

Line	Stat.	Material ShortText	OK	Qty in UnE	E.	Stor.Loc	Cost Center	Order
1	CC	123	<input checked="" type="checkbox"/>	500	EA	Storage Loc		

Material | Quantity | Where | Partner

Material: 123 | 1883 | Vendor Material No.: | Material group: 001 | EAN in order unit: |

## Purchase order created

Display Material Document 500000780 -

Show Overview | Hold | Check | Post | Help

04 Display | R02 Material Docu... | 500000780 | 2009

General | Vendor | Doc. info

Document Date: 04.02.2009 | Delivery Note: | Vendor: axis | Posting Date: 04.02.2009 | Bill of Lading: | HeadText: |  1 Individual Slip

Line	Material ShortText	Qty in UnE	E.	Stor.Loc	Batch	Valuation ty.	M.	DB No.
1	123	500	EA	Storage Loc				101

Material | Quantity | Where | Purchase Order Data | Partner

Purchase order: 4500002486 | 10 | Item category: Standard  
 DCI for mat. doc. item  
 Final delivery for PO item

### Important

1. Automatic generation of Po is only possible for receipts in the warehouse and not for consumption ( eg 101 and 161 Movement types)
2. Any movement to GR blocked stocks cannot be booked with this function

### **The system will determine the data for the auto po generation as following**

1. Purchasing orgn =std purchasing organization for the plant
2. Purchase group=purchase group from material master reocrd
3. The Material , vendor, quantity plant and storage location = manual entry during Goods receipt
4. Price= Inforecord

## Related Content

[www.sap.com](http://www.sap.com)

[www.help.sap.com](http://www.help.sap.com)

[www.sdn.sap.com](http://www.sdn.sap.com)

For more information, visit the [Supply Chain Management homepage](#).



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