

Automatic Purchase order

Automatic purchase order creation is functionality in SAP MM. By which, the purchasing team saves their time from the manual creation of purchase order.

If I have number of purchase requisition of material from fix vendor then it takes a long time to convert every PR into PO. So to overcome this problem SAP introduced the Automatic PO creation Functionality.

Step 1: In material master data, check box for Auto PO in the Purchasing View Should be checked

T-CODE: MM01

The screenshot displays the SAP MM01 'Change Material' interface for material 464920. The 'Purchasing' tab is active, and the 'Autom. PO' checkbox under 'OB Management' is checked. The material number 464920 is highlighted in the top left. The plant is FA MUMBAI PLANT. The 'General Data' section shows various fields like Base Unit of Measure (PC), Purchasing Group (000), and Material Group (001). The 'Purchasing values' section shows reminder settings and shipping instructions.

General Data			
Base Unit of Measure	PC	piece(s)	Order Unit
Purchasing Group	000		Material Group
Plant-sp.matl status			Valid from
Tax ind. f. material			Qual.f.FreeGoodsDis.
Material freight grp			<input checked="" type="checkbox"/> Autom. PO
			OB Management
			OB ref. matrial

Purchasing values			
Purchasing value key		Shipping Instr.	
1st Reminder/Exped.	0 days	Underdel. Tolerance	0,0 percent
2nd Reminder/Exped.	0 days	Overdeliv. Tolerance	0,0 percent
3rd Reminder/Exped.	0 days	Min. Del. Qty in %	0,0 percent
StdValueDelivDateVar	0 days	<input type="checkbox"/> Unltd Overdelivery	<input type="checkbox"/> Acknowledgment Reqd

STEP-2:

In vendor master data, the Auto PO checkbox in the Purchasing View should be checked.

T-CODE: XK01

Display Vendor: Initial Screen

Vendor: 101046 REGIME AUTOGEAR LTD
Company Code: 1000 BestRun Germany
Purch. Organization: Z005 FA PurchOrg

General data

☐ Address
☐ Control
☐ Payment transactions
☐ Contact Persons

Company code data

☐ Accounting info
☐ Payment transactions
☐ Correspondence
☐ Withholding tax

Purchasing organization data

☒ Purchasing data
☐ Partner functions

Change Vendor: Purchasing data

Vendor: 101046 REGIME AUTOGEAR LTD
Purchasing Org.: Z005 FA PurchOrg

Conditions

Order currency: EUR Euro (EMU currency as of 01/01/1999)
Terms of payment: NT30
Incoterms:
Minimum order value:
Schema Group, Vendor: T2 T020 VENDOR SCHEMA
Pricing Date Control: ☐ No Control
Order optim.rest.: ☐

Sales data

Salesperson:
Telephone:
Acc. with vendor: ☐

Control data

☒ GR-Based Inv. Verif. ABC indicator: ☐ RMA Required: ☐
☐ AutoEvalGRSetmt Del. ModeOfTrnsprt-Border: ☐
☐ AutoEvalGRSetmt Ret. Office of entry: ☐
☐ Acknowledgment Req'd Sort criterion: ☐ By VSR sequence number
☒ Automatic purchase order PROACT control prof.: ☐

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A source list should exist for material with the same fix vendor.

T-CODE: ME01

Maintain Source List: Overview Screen

Material: 464920 Material for Auto PO
Plant: Z005 FA MUMBAI PLANT

Source List Records

Valid from	Valid to	Vendor	POrg	PPI	OUn	Agmt	Item	Central Con...	Cent. Contr...	Fix	Blk	M...	MRP Area
03.07.2021	03.08.2021	101046	Z005							<input checked="" type="checkbox"/>	<input type="checkbox"/>		
03.07.2021	03.08.2021	101048	Z005							<input type="checkbox"/>	<input type="checkbox"/>		

Vendor should be fix in the source list

STEP-4:

A valid Purchase info record (PIR) of material with the vendor must in the system.

T-CODE: ME11

Create Info Record: Initial Screen

Vendor: 101048

Material: 464920

Purchasing Org.: Z005

Plant:

Info Record:

Info category:

- ☒ Standard
- ☐ Subcontracting
- ☐ Pipeline
- ☐ Consignment

Display Info Record: Purch. Organization Data 1

General Data Conditions Texts

Info Record: 560000348
Vendor: 101048 GEARNECK AUTO LTD
Material: 464920 Material for Auto PO
Material Group: 001 Metal Processing
Purchasing Org.: Z005 Standard

Control

Pl. Deliv. Time: 5 Days Tol. Underdl.: 2,0 % ☐ No MText
Purch. Group: 000 Tol. Overdl.: 2,0 % ☐ Ackn. Rqd
Standard Qty: 200 PC ☐ Unlimited Conf. Ctrl: ☐
Minimum Qty: 0 PC ☒ GR-Bsd IV Tax Code: ☐
Rem. Shelf Life: 0 D ☐ No ERS
Differential Invoicing: 01 Not Rele...
Shippg Instr.: ☐
Max. Quantity: 0 PC UoM Group: ☐
RMA Req.: ☐

Conditions

Net Price: 100,00 EUR 1 PC Valid to: 31.12.9999
Effective Price: 100,00 EUR 1 PC ☐ No Cash Disc.
Qty Conv.: 1 PC <-> 1 PC Cond. Grp: ☐
Pr. Date Cat.: ☐ No Control
Incoterms: ☐

System will pull the price from here

Likewise I have maintained PIR for the Combination of Material 464920 and vendor 101048.

STEP-5 Create Purchase requisition

T-CODE: (ME51N)

Create Purchase Requisition

Document Overview On Hold Park Personal Setting Save As Template Load from Template

NB NB-Standard ☐ Source Determination

Header

Stat...	Item A	I	Material	Short Text	Quantity	Unit	C	Delivery Date	Material Group	Plant	Stor. Location	PGr
	10		464920	Material for Auto PO	200	PC	D	09.07.2021	Metal Processi...	FA MUMBAI PLA...		000

Item 1 [10] 464920, Material for Auto PO

Material Data Quantities/Dates Valuation Account Assignment Source of Supply Status Contact Person Texts Delivery Address

Agreement: ☐ Purch.Org.: Z005 Order Unit: ☐
CentContr.: ☐ Contract Hierarchy: ☐
Fixed Vendor: 101046 REGIME AUTOGear LTD Suppl. Plant: ☐
Info Record: 560000347 Vendor material No.:

Assign Source of Supply

Likewise I have created another two Purchase requisitions. For different vendors

☒ Purchase requisition number 0010020950 created

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☒ Purchase requisition number 0010020951 created







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Auto creation of Purchase order from Purchase requisition

T-CODE: ME59N

Automatic Creation of Purchase Orders from Requisitions

Purchasing Group		to		
Purch. Organization	Z005	to		
Fixed Vendor		to		
Contract		to		
Plant	Z005	to		
Supplying Plant		to		

New Purchase Order

☐ Per Purchasing Group

☐ Per Plant

☐ Per Storage Location

☐ Per Item Category

☐ Per Company Code

☐ Per delivery date

☐ Per Vendor Subrange

☒ Per Requisition

☐ Per Requisition Item

☐ Per Contract

Other Parameters

☐ Generate Schedule Lines

☐ Omit Faulty Items

☐ Test Run







Detailed Log

Set PReqs to "C"

Here I entered purchase requisition which I have created.

Material Group		to		
Release Date		to		
Delivery Date		to		
MRP Controller		to		
Purchase Requisition	10020950	to	10020952	
Material		to		
Req. Tracking Number		to		
Document Type		to		
Item Category		to		
Acct Assignment Cat.		to		

Automatic Creation of Purchase Orders from Requisitions

Purchase Order	OTyp	POrg	PGr	Agreement	Item	Purchase Req.	Item	De...	St...	Message Text
Vendor 101046 REGIME AUTOGEAR LTD										
4500025427	NE	Z005	000			10020950	10			 Purchase order successfully created  Requisition successfully converted
Vendor 101048 GEARNECK AUTO LTD										
4500025428	NE	Z005	000			10020951	10			 Purchase order successfully created  Requisition successfully converted
4500025429	NE	Z005	000			10020952	10			 Purchase order successfully created  Requisition successfully converted

Here we get our Purchase order number

Here we get our Purchase order number

Thanks & Regards,

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