

# Replenishment control

## 1. Master data configuration.

Enter the maximum bin quantity, Minimum quantity and replenishment qty with fixed bin.

The screenshot shows the SAP 'Change Material' screen for material 599-599. The 'Storage bin stock' section is highlighted with a red box. The following table represents the data visible in this section:

Storage Bin	Maximum bin quantity	Minimum bin quantity	Replenishment qty
B-10-10	1.000	200	800

## 2. Define a movement type

Replenishment movement type 320

The screenshot shows the SAP 'Change View' screen for movement type 320. The 'Movement Type' is set to 320, and the 'Requirement Type' is 'N' (Replenishment fixed bins). The following table represents the data visible in this screen:

Warehouse Number	Movement Type	Requirement Type
RBN	320	N

Additional configuration details:

- Shipment Type: A (Stock rml)
- Requirement Type: N (Replenishment fixed bins)
- Transfer Requirements: Manual TO creation not allowed (checked), Manual TR creation allowed (unchecked), Transfer Priority (unchecked)
- Screen Control: TO Creation (2), TO Confirmation (unchecked), TO Display (unchecked)
- Print: Print code (01), Single print / TO item (checked)
- Background Processing: Automatic TO (unchecked)
- Control: GR data in quant (unchecked), Manual Storage Bin Input (unchecked), Consider Pre-Alloc Stock (unchecked)
- Confirmation: TO item can be confmd immed. (unchecked), Propose Confirmation (unchecked)

Replenishment movement type is 320. No config changes needs to be done.

3. Assign the replenishment movement type for fixed bin storage type

SPRO → IMG → Logistics execution → Warehouse Management → Activities → Transfers → Define Stock Transfers and Replenishment Control → Define Replenishment Control for Storage Type

The screenshot shows the SAP SPRO configuration screen titled "Change View 'Define Replenishment Control for Storage Type': Overview". The main table lists various storage types and their associated replenishment movement types. The row for "Storage type one" (RBN ST1) is highlighted in yellow, and its "MTyp Repl." field is set to "320".

W.. S...	SType Name	MTyp Repl.	Replenish.	Mail
RBN 925	Stock Transfers (StLoc)			
RBN 980	R/3 --> R/2 cumulative			
RBN 998	Init. entry of stock bal.			
RBN 999	Differences			
RBN ST1	Storage type one	320		
RBN ST2	Storage type two			
RBN ST3	Pallet strategy			
RBN ST4	Next empty bin			
RBN ST5	Pallet strategy			
RBN ST6	Handling unit			
RBW 001	High-rack storage			
RBW 002	Shelf Storage			
RBW 003	Open storage			
RBW 004	Block storage			
RBW 005	Fixed bin storage	320		
RBW 006	Hazardous Materials			

4. Setup the storage type search for reserve for reserve storage type using movement type reference.

1. Create a movement type reference.

The screenshot shows the SAP SPRO configuration screen titled "Change View 'Reference for Type Search per Movement Type': Overview". The main table lists movement types and their corresponding storage type search references. The row for movement type "320" (RBN 320) is highlighted in red, and its "Ref.Stor.Ty.Se..." field is set to "1".

WNo	MTy	Ref.Stor.Ty.Se...	Movement Type Description
RBN 320	1	1	Auto Fixed Bin Replenish
RBN 321			Posting Change, Quality
RBN 331			GI to Sample
RBN 332			Cancel GI to Sample
RBN 350	1		Replenishment Kanban
RBN 451			Returns from Customers
RBN 452			Cancel Returns
RBN 453			Posting Change, Returns
RBN 501			GR without Purchase Order
RBN 502			Cancel GR Without Pur.Or.
RBN 521			GR from Production
RBN 522			Cancel GR from Production
RBN 551	1		Scrapping
RBN 552			Cancel Scrapping
RBN 561			Init. Entry of Stock Bal.

- Assign the movement type reference with picking control A and replenishment control storage type.

Table View Edit Goto Selection Utilities System Help

**Change View "Storage Type Search": Overview**

New Entries

Determine Stor.Ty.Search Sequence

W..	Op...	TyI...	S	S	Stor...	W..	Re...	S..	1...	2...	3...	4...	5...	6...	7...	8...	9...	1...	1...	1...	1...
RBN	A	FIX				0	0		ST1												
RBN	A	FIX				0	1		ST2												
RBN	A	HRL				0	0		001												
RBN	A	REG				0	0		002												
RBN	A	ST1				0	0		100												
RBN	A	ST1				0	1		001	002	ST3										
RBN	A	ST1				0	319		ST1												
RBN	A	TK				0	0		020												
RBN	A	TK	Q			0	0		020												
RBN	E					0	0		001	002											
RBN	E					0	0		HU	035											
RBN	E			Y		0	0		001												
RBN	E		Q			0	0		001	002											
RBN	E	012				0	0		012	012											

- Run the replenishment using transaction LP21

Requirement no should be N and \*\*\* execute and save

Program Edit Goto System Help

**Replenishment for Fixed Bins in WM**

Selection

Plant: RUBY

Storage Location: 1000

Warehouse Number: RBN

Storage Type: st1

Storage Bin: to

Material: to

Additional Info for Transfer Requirement

Requirement Number: n \*\*\*

Transfer Priority:

Planned Date: 15.11.2017

Planned Time: 18:27:49

Ship-To Party:

Unloading Point:

Screen control

SAVE

The screenshot shows the SAP WM Replenishment: Overview Fixed Bins interface. The title bar includes 'List', 'Edit', 'Goto', 'Settings', 'System', and 'Help'. Below the title bar is a toolbar with various icons. The main content area displays the following information:

Plnt RUBY  
Whse Number RBN Ruby new warehouse  
StorType ST1 Storage type one

StorageBin	Material N	Available stock	Requested qty	BUn	Msg.no.
<input type="checkbox"/> B-10-10	588-588	100	0	EA	
<input checked="" type="checkbox"/> B-10-10	599-599	100	700	EA	

6. Find the TR using transaction LB10 and create TO with reference to TR

The screenshot shows the SAP Display Transfer Requirement: List for Storage Type interface. The title bar includes 'List', 'Edit', 'Goto', 'System', and 'Help'. Below the title bar is a toolbar with various icons. The main content area displays the following information:

Warehouse Number RBN  
Source Storage Type  
Dest. Storage Type **st1**  
Shipment Type \*

Status of Movement

- Status: Open
- Partially Delivered
- Completed

General Selection Criteria

Transfer Priority  
Execute From (Date)  
Planned Time From 00:00:00  
Execute to (Date)

Select the TR which is created with movement type 320 and click on TO in foreground.

Menu: List Edit Goto Settings Environment System Help

Toolbar: [Icons for navigation and actions]

### Display Transfer Requirement: List for Storage Type

Buttons: TO in Foreground TO in Background [Other icons]

Whse Number RBN Ruby new warehouse

S	TR Number	HS	Pr	S	MTy	Description	R	Rqmnt.No.	From	Dest.	Items
<input checked="" type="checkbox"/>	0000000141			A	320	Auto Fixed Bin Replenish	N	***		ST1	1

Menu: Transfer Order Edit Goto Environment System Help

Toolbar: [Icons for navigation and actions]

### Create Transfer Order from TR: Generate Transfer Order Item

Requested qty: 700 EA Batch material

Stor. Unit Type: [Dropdown] Material N: 599-599

Certificate No.: [Field] Plant/Stor.loc.: RUBY 1000

Confirm: [ ] [ ] Batch: 0000001250

Printer: [Field] Stock Category: [Field]

Special Stock: [Field]

TO item: 1

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Movement data

Typ	Sec	Stor. Bin	Target quantity	AUn	Storage Unit
From					
ST2	SS1	03-01-01	700	EA	[Field]
Quant		514			
Destinat.					
ST1	SS1	B-10-10	700	EA	[Field]
Quant		516			

Backsp.

Save the TR and confirm this.