CHAPTER 53 – DYNAMIC PICKFRONTS 2

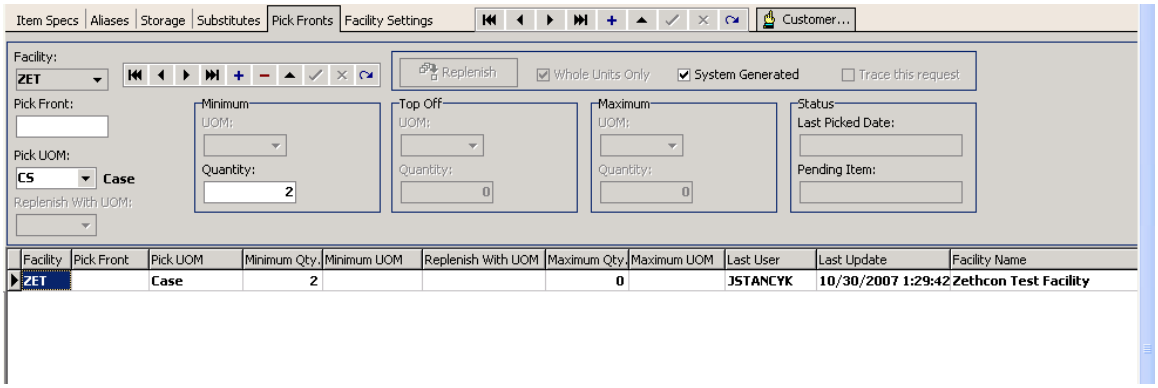
CHAPTER 53 – DYNAMIC PICKFRONT

Dynamic Pick Front Processing

The Pick Front functionality includes support for Dynamic Pick Fronts. Dynamic Pick Fronts are also referred to as 'floating' pick fronts. Any Storage location can be converted automatically by the system, to be used as a pick front. This allows the ability to pick smaller units of measure without pre-assigning a pick front location or the need for replenishment.

Setup Item Maintenance

- On the Customer/Item/Pick Fronts tab, there is a check box called System Generated.
- If the System Generated box is checked, then only Pick Front, Pick UOM and Minimum Quantity are enterable.
- The Pick Front is optional and if entered must contain the item.
- The Minimum Quantity must be greater than 0 and is in the Pick UOM.
    - This value is used when looking for storage (STO) locations to turn into pick fronts. If the Pick UOM is CS and the Minimum is 2 and there are 12 EA (base uom) in a CS then the storage location will need to contain at least 24 EA before it will be considered as a candidate.
    - Conversely, if a dynamic pick front contained less than 12 EA (the pick uom), it would be deleted and the location would revert back to STO if it were no longer a pick front for anything.

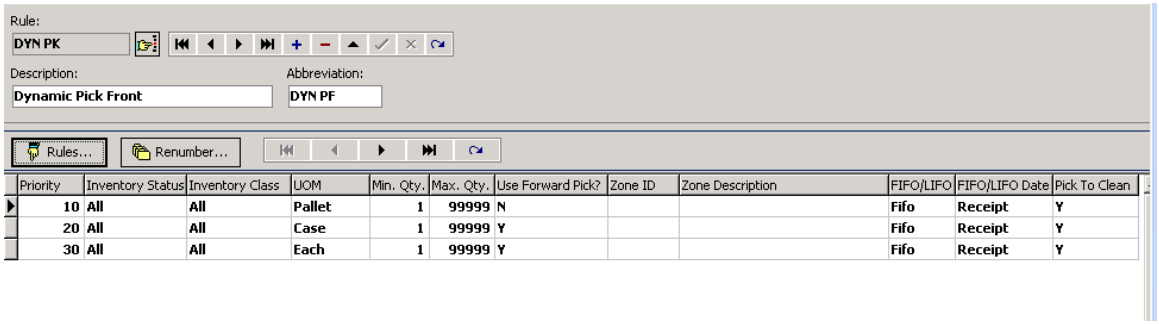


The dynamic pick front for each facility, customer id, item, and pick uom combination, will be added and deleted as necessary by the system. If the last dynamic pick front is to be deleted, the record will be updated with a null pick front.

Allocation Rule

The allocation rule for dynamic pick fronts is to be designed the same as 'static' pick front. The rule must include the 'Use Forward Pick' option as Yes for the pick uom that

is established on the pick front. If the pick uom on the pick front is CS then the allocation rule must have Yes on the Use Forward Pick front for a CS.

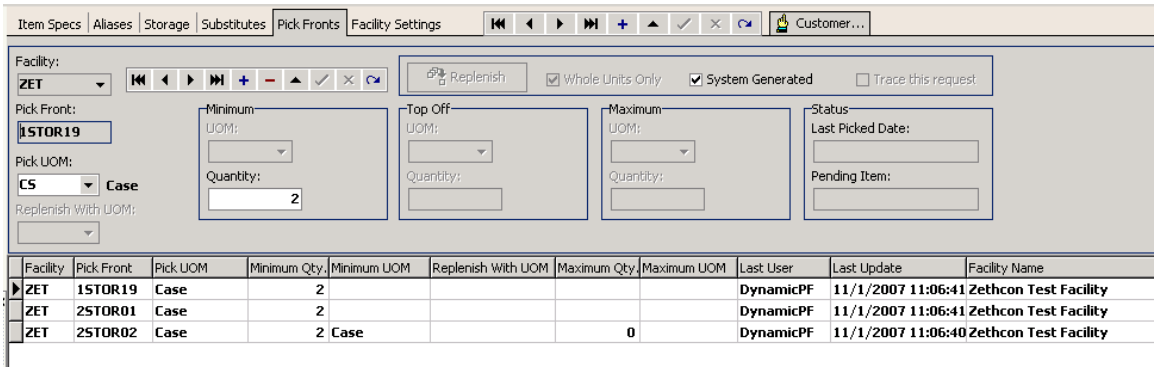


Priority	Inventory Status	Inventory Class	UOM	Min. Qty.	Max. Qty.	Use Forward Pick?	Zone ID	Zone Description	FIFO/LIFO	FIFO/LIFO Date	Pick To Clean
10	All	All	Pallet	1	99999	N			Fifo	Receipt	Y
20	All	All	Case	1	99999	Y			Fifo	Receipt	Y
30	All	All	Each	1	99999	Y			Fifo	Receipt	Y

Wave Release

At the time of Wave Release, the system will determine which location to utilize as a pick front, based off of the Allocation and Pick Front rules.

If during the course of wave release, extra dynamic pick fronts are created and the wave is then unreleased, these extra dynamic pick fronts are not deleted. They will be utilized on subsequent releases as needed.



Facility	Pick Front	Pick UOM	Minimum Qty.	Minimum UOM	Replenish With UOM	Maximum Qty.	Maximum UOM	Last User	Last Update	Facility Name
ZET	1STOR19	Case	2					DynamicPF	11/1/2007 11:06:41	Zethcon Test Facility
ZET	2STOR01	Case	2					DynamicPF	11/1/2007 11:06:41	Zethcon Test Facility
ZET	2STOR02	Case	2	Case		0		DynamicPF	11/1/2007 11:06:40	Zethcon Test Facility

When a location is being used as a pick front, the location type does not change to PF. The location will stay defined as a STO, but treated as a pick front for the facility, customer id, item and pick uom combination. *This is to account for the scenario that there may be more than one item in the same location. If the location were to change types, then the other items in the location would not be able to create tasks because of the location type.

Additional Notes

- The system will not allow both static and dynamic pick fronts for the same facility, customer id, item and pick uom combination.
- Dynamic pick fronts cannot be Replenished or Topped Off as there is no need to do this. See the Replenishment Chapter of the User Manual for Static Pick Fronts.

- The Putaway considers the dynamic pick front to be equivalent to STO locations when deciding where to place a plate.
- Any type of 'movement' of plates out of a dynamic pick front can cause it to drop below the minimum, resulting in it switching back to a STO location (not just picking).
- If there are no pick fronts defined for an item, the check box for System Generated will be grayed out.
- The Pickfront Management Processing is obsolete and has been replaced with Dynamic Pick Front Processing.

Static Pick Front Processing

Please see the Concepts Manual for additional information on Customer/Item/Pickfronts and Replenishment Allocation Rules. Also see the Replenishment Chapter of the User Manual for replenishment information.