

### 8.5.7 Storage compression (Semi-automatic mode)



#### Important Information

Only the trays used as **optimised** trays are relocated; the **fixed trays** stay on the assigned shelf.

You access the **Stock density** function by using the following menu:

- Menu **Semi-automatic mode** ► shift function button ► function button

As a result of the optimised storage method, some non-contiguous storage locations of a small height may be created after prolonged use of the unit. This is technically unavoidable. As a result, material storage may no longer be possible although there is still some free storage space in the unit.

The **Stock density** function can be used to make this free space useable again. This function maximises the available contiguous storage space inside the unit. Trays are relocated depending on the storage mode.

#### Description of the Stock density menu

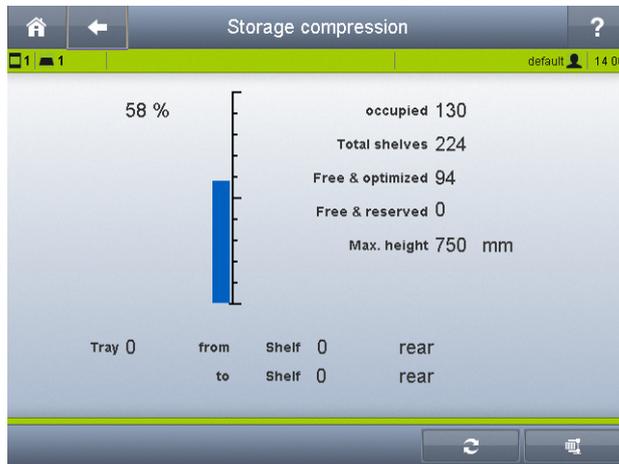


Fig. 113: Menu Stock density

Field	Description	Input field
occupied	Number of occupied shelf rails	
Total shelves	Displays all shelf rails in the unit. This value corresponds to 100%.	
Free & optimised	Number of free optimised shelf rails	
Free & reserved	Number of free reserved shelf rails	
Max. height	Displays the maximum free space	
Tray	Displays the tray that is currently being relocated	
of Shelf	Displays the shelf rail from which the tray is being taken	
to Shelf	Displays the shelf rail to which the tray is being transferred.	
%	Percentage display of occupied shelf rails. This value is the difference between the total number of shelf rails and vacant shelf rails.	

### Function buttons on the Stock density menu



Fig. 114: Function buttons on the Stock density menu



#### 8.5.7.1 Conducting storage compression



##### Important Information

The process may take some time, depending on the unit height and the current degree of storage location fragmentation.

✓ The **Semi-automatic mode** menu is selected.

1. Press the shift function button .
    - ⇒ The second level of the function buttons is displayed.
  2. Press the function button .
    - ⇒ Storage location consolidation starts.
    - ⇒ The **Calculation is running** status message is displayed.
    - ⇒ The function button switches to .
    - ⇒ Trays are relocated.
    - ⇒ The **Relocating tray** status message is displayed.
    - ⇒ The **Process closed** status message is displayed.
    - ⇒ The function button switches from  to .
- ⇒ Storage location consolidation is complete.

##### Cancel storage location consolidation:

! You want to stop storage location consolidation:

- a) Press the function button .
  - ⇒ The **Abort process** status message is displayed.
    - Since the last process **Tray - to Shelf** is carried out first, it can take some time until the function is actually cancelled.
  - ⇒ After cancellation, you can continue to work with the system, based on the status in which the trays are stored at this point in time.

44) After starting the storage compression, the symbol of the function button **Start / stop compression** changes.