



Summary

We'll walk you through all the ins and outs of processing production orders for processes after Brewing and before Packaging, within the Cellar section. You can edit orders - deleting or adding items, adjusting quantities or warehouses, or changing the Batch ID. For more information on entering fermentation QC metrics, head to the Fermentation QC page.

After logging into the iPad Production app, click into the **Cellar** section to view Released Production Orders from the menu view.

Cellar Menu View

You should find all production orders for items with process types designated for the Cellar section - by default your Fermentation, Dry Hop, and Filtration steps, along with any custom process types created in your database.

To review where PdOs appear in the app, head to the Process Types screen within Orchestrated - Inventory module > Process Types - and check that iPad-Cellar is listed. For more info, check out the Custom Process Types page here.

Filter		
All	This Week	Today
Thursday, January 5, 2017		
IPA164		6:43 AM
Fermentation - 0.0%		
IPA - GB1003		
F07 - 90.0 BBL		
Tuesday, January 10, 2017		
IPA011017-TR		10:00 AM
Fermentation - 101.0%		
IPA - GB1003		
F20 - 10.0 BBL		
Tuesday, January 17, 2017		
IPA011017-TR		10:00 AM
Dry Hopping - 101.0%		
IPA - DH1003		
F20 - 10.0 BBL		
BAPOR106		10:00 AM
Aging - 106.9%		
POR - BA1005		
BA1 - 8.0		
BAPOR106		12:30 PM
Filtration - 106.8%		
POR - BB1005		
B05 - 8.0 BBL		



Production Orders are listed by date, starting with the oldest. Buttons at the Top allow you to only view PdOs for **This Week** or **Today** to find the PdO you need faster.

You can further filter orders using the **Filter** button at the Top, which allows you to select only certain process types. Just toggle a process type Off or On and click **Filter** at the Bottom to update the PdOs shown in the menu.

The menu shows the following information for each production order, from Top to Bottom:

- Batch ID
- Planned Start Time of production
- Process Type
- Percent complete
- Brand short code
- Item Code of what's being produced
- To Warehouse
- Planned quantity to produce

Tap any production order to load it on the Right. The menu will fold away and you can quickly view it again by swiping Left to Right, from the Left edge of the iPad.



Main Production Order View

The screenshot displays the 'Main Production Order View' on a mobile device. At the top, there is a ribbon with a 'Main Menu' button on the left, the production order number 'Production Order #12231 - GB1005' in the center, and a pencil icon for editing on the right. Below the ribbon is a row of six boxes containing the following information: DATE (Feb 16), TIME (3:00 PM), MPN (324), PLANNED (30.00), COMPLETED (0.0), and % COMPLETE (0%).

The main area is divided into two sections: 'From Whse: BH01' and 'To Whse: F20'. Each section features an icon of a piece of equipment (a hopper) and a table. The 'From Whse' table has columns for 'Item' and 'Qty', with one entry: 'W1005' with a quantity of '30.00'. The 'To Whse' table has columns for 'Item', 'Batch', and 'Qty', and is currently empty.

Below these tables is a grey bar with the text 'No Submission History'. At the bottom of the screen are two large buttons: 'Issue' on the left and 'Receipt' on the right.

Along the Top Ribbon you'll notice:

- **Main Menu** (swipe from the Left to go back to the PdO Menu)
- Production Order number
- Item Code of the item being produced
- **Edit PdO** (pencil icon)

The Row of Boxes along the Top has more information specific to this Production Order:

- Planned date
- Planned time
- MPN (Master Production Number, tying the entire batch together from Wort to Finished Goods)



- Planned quantity
- Quantity completed previously
- Percent complete

The Left Side of the Main PdO view shows the available item(s) in the From Warehouse and approximately how full the tank is.

The Right Side shows the To Warehouse, typically blank until you've received beer into the fermenter.

The latest submission history is noted directly above the **Issue** and **Receipt** buttons.

Editing Production Orders

For full instructions on how to make edits to PdOs, take a look at our [Editing Production Orders](#) page.



To review the selected batch(es) or *to confirm you're clearing the entire prior tank*, click the blue (i) icon on the Far Right to move to the Batch Selection screen.

Batch Selection View

Optional: From the **Issue** screen, click the **blue (i) icon** to select the specific batches used of the component item.

Note: If you ever overbrew in your brewhouse - produce more than the planned quantity - you will want to click the **blue (i) icon** to confirm the volume to clear of the prior stage's beer.

Batch Selection

Item Name: Wort - Portlandia Porter Planned Qty: 30.00 Current Issue Qty: 30.00
Item Code: W1005 Previously Issued Qty: 0 Variance to Plan: 0

Batch	Warehouse	In Date	In Stock	Issue Qty
POR107	BH01	2-01-17	30.00	30.00

Cancel Save

There's a row for each on-hand batch for the item *in the designated From Warehouse* and are listed in order from Top to Bottom by your inventory expiration method - FIFO (common) or FEFO (not common). Any edits to the From Warehouse can be made back on the Edit PdO screen.

Simply tap the **Issue Qty** figure to change the number to consume of that batch.

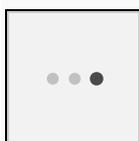


You can also view the In Stock quantity to ensure the Issue Qty will consume the right batch. Don't mistakenly use the wrong batch of raw materials!

Click **Save** at the Bottom to return to the Issue PdO screen and complete your issue.

Consume The Prior Stage's Volume

When you're ready click **Submit** at the Bottom of the Issue PdO page.



Back on the Main Production Order screen, compare the look of the From Warehouse and To Warehouse sections in the screenshot above.

Note the From Whse (BH01 in this example, as we produce Green Beer) is now empty and no longer contains our 30 BBLs of wort, but the To Whse (F20, Fermenter 20) doesn't have Green Beer...yet.

Processing Production Orders - Step 2: Receipt

Once you've taken the prior stage's liquid out of stock, you're ready to receive the new inventory - and produce the next stage of production.

At the Bottom, click the **Receipt** button from the Main Production Order View, and the Receipt View will fold out.



The screenshot displays a mobile application interface for production order management. At the top, the status bar shows 'AT&T', '7:27 PM', and '73%' battery. The app header includes a back arrow, 'Main Menu', and 'Production Order #12231 - GB1005'. Below the header is a summary table:

DATE	TIME	MPN	PLANNED	COMPLETED	% COMPLETE
Feb 16	3:00 PM	324	30.00	0.0	0%

The main content area is titled 'From Whse: BH01' and contains a table with columns 'Item' and 'Qty'. A 'Receipt' dialog box is overlaid on the table, showing a table with columns 'WHSE', 'PLANNED', and 'COMPLETED', and a row with values 'F20', '30', and '0'. Below this table is a large 'Actual QTY' field with the value '0'. A 'Submit' button is located below the 'Actual QTY' field. At the bottom of the screen, there are two large buttons: 'Issue' and 'Receipt'.

To enter the total quantity received into the fermenter or bright tank, click the **Actual Qty** box, so the number pad appears. Type in the total volume transferred into the next tank and click **OK**. After confirming the tank and amount look good, click **Submit** to process the *Receipt for Production* and complete the production order.

To find the next production order to process, swipe from Left to Right from the Left edge to reveal the [Cellar PdO Menu](#) again.

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