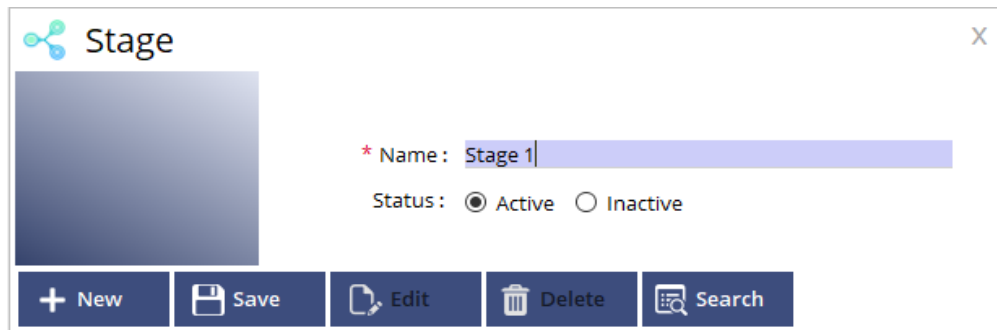


PRODUCTION MANAGEMENT

Introduction

Production Management addresses order sequencing and execution, tracking and genealogy, and interactive manufacturing process control. By synchronizing actionable real time information across manufacturing methods, materials, and machines. Production management is one of the modules which available on **atACC ERP**.

➤ Stage



Stage

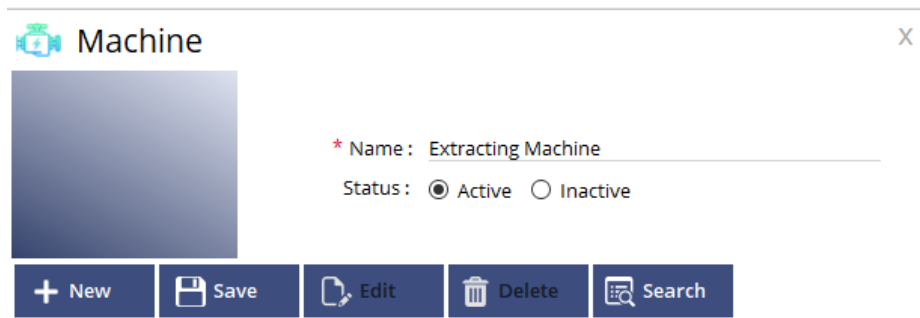
* Name : Stage 1

Status : Active Inactive

+ New Save Edit Delete Search

This form is used to create stages. We can set production stages packing stage, Extracting Stage etc.

➤ Machine



Machine

* Name : Extracting Machine

Status : Active Inactive

+ New Save Edit Delete Search

This form is used to create machines. We can also active or inactive the machine under this form.

➤ Resource

Resource
✕

* Name:

* Unit:

Rate:

* Debit Account:

* Credit Account:

Status: Active Inactive

+ New
Save
Edit
Delete
Search

Under resource, we can add the additional expenses which occur during the production, such as packing charges, dough expenses etc. We can add/ edit the name of the resource, unit, rate, accounts.

➤ Bill of Materials (BOM)

Bill of Materials
- [maximize] ✕

Name: Status: Active Inactive

Remarks:

Products

Sl.No	Type	Depot	Code	Name	Batch	Unit	Qty	Cost %	Cost	Profit %
1	Main	Default	PR1051	Tres Leches Cake	Default		1	80.00	5,320.00	-86
2	By-Product	Default	PR1060	Tres Leches Mini cup	Default		1	15.00	997.50	-90
3	By-Product	Default	PR1059	Tres Leches Pie	Default		1	5.00	332.50	-81

Components

Sl.No	Type	Depot	Code	Name	Batch	Unit	Qty	Addl. Qty	Rate	Amount
1	Product	Default	PR1056	whipped cream			50		70.00	3,500.00
2	Product	Default	PR1057	vanilla extract			40		50.00	2,000.00
3	Product	Default	PR1053	cream			1		60.00	60.00
4	Product	Default	PR1055	evaporated milk			1		0.00	0.00
5	Product	Default	PR1052	Milk ck			1		90.00	90.00
6	Resource	Default		Mixing		2hr	1		1,000.00	1,000.00

Products Total Qty Components Total Qty

+ New
Save
Edit
Print
Delete
Search

Grand Total 6,650.00

A bill of materials (**BOM**) is the source of information used to manufacture a product. It is the list of items (raw material) needed to create a certain product (main product).

On BOM we have two different tables. In which we can select the main products (primary product) on top and also its by-products (secondary products) which are available during this production process. We can also add cost%, profit%, batch etc.

At the bottom we can add components which required for main product. we can also add the stage ,machinesetc.

Order Voucher No: PDNO2 Voucher Date: 10/ 5/2021

BOM: Mexican Due Days: _____
 Remarks: Humming bird
 Mexican

Products

Sl.No	Type	Depot	Code	Name	Qty	Cost %	Cost	Profit %	Rate
1	Main	Default	PR1051	Tres Leches Cake	1	80.00	5,320.00	-86.84	700.00
2	By-Product	Default	PR1060	Tres Leches Mini cup	1	15.00	997.50	-90.98	90.00
3	By-Product	Default	PR1059	Tres Leches Pie	1	5.00	332.50	-81.95	60.00
4									

Components

Sl.No	Type	Depot	Code	Name	Qty	Add. Qty	Rate	Amount	Stage	Machine
1	Product	Default	PR1056	whipped cream	50		70.00	3,500.00	Stage 3	Cream Ma...
2	Product	Default	PR1057	vanilla extract	40		50.00	2,000.00	Stage 3	Extracting...
3	Product	Default	PR1053	cream	1		60.00	60.00	Stage 3	Extracting...
4	Product	Default	PR1055	evaporated milk	1		0.00	0.00	Stage 1	
5	Product	Default	PR1052	Milk ck	1		90.00	90.00	Stage 1	
6	Resource	Default		Mixing	1		1,000.00	1,000.00	stage 4	Mixing Ma...
7										

Products Total Qty Components Total Qty

➤ **Order**

The main products which are created will be available on both order and receipt. We can also add due

Receipt Voucher No: PDNR2 Voucher Date: 10/ 5/2021 12:46 PM

BOM: Mexican Due Days: 5.00 Order
 Remarks: Mexican Cakes

Products

Sl.No	Type	Depot	Code	Name	Qty	Cost %	Cost	Profit %	Rate
1	Main	Default	PR1051	Tres Leches Cake	1	80.00	5,320.00	-86.84	700.00
2	By-Product	Default	PR1060	Tres Leches Mini cup	1	15.00	997.50	-90.98	90.00
3	By-Product	Default	PR1059	Tres Leches Pie	1	5.00	332.50	-81.95	60.00
4									

Components

Sl.No	Type	Depot	Code	Name	Qty	Add. Qty	Rate	Amount	Stage
1	Product	Default	PR1056	whipped cream	50		70.00	3,500.00	Stage 3
2	Product	Default	PR1057	vanilla extract	40		50.00	2,000.00	Stage 3
3	Product	Default	PR1053	cream	1		60.00	60.00	Stage 3
4	Product	Default	PR1055	evaporated milk	1		0.00	0.00	Stage 1
5	Product	Default	PR1052	Milk ck	1		90.00	90.00	Stage 1
6	Resource	Default		Mixing	1		1,000.00	1,000.00	stage 4
7									

Products Total Qty Components Total Qty

Grand Total

+ New Save Edit Print Delete Search

days under order form. (Transation> order)

➤ **Receipt**

We can use the BOM products directly to receipt or we can use ordered products into receipt (top right corner). We can increase or decrease qty, add qty etc.

Bill of Materials Report

Search By

- All
- Main Product
- By Product
- Components
- All
- Product wise
- Group wise
- Resource wise
- User Field wise

Product wise / Group wise

Product Name :

Group Name :

User Field wise

User Field 1 : User Field 6 :

User Field 2 : User Field 7 :

User Field 3 : User Field 8 :

User Field 4 : User Field 9 :

User Field 5 : User Field 10 :

Resource wise

Resource Name :

B.O.M Name :

Branch Name :

Depot Name :

Reports : Mainly we have reports based on BOM, Order, Receipt has shown below.

➤ Bill of Materials Report

BOM report helps us to search based on main product, by product and components etc. We can also search by branch name, BOM name and also depot name.

➤ Production Order Report

Production Order Report

Report Format

- Voucher wise
- Product wise
- Summary
- Detail

Search By

- All
- Main Product
- By Product
- Components
- All
- Product wise
- Group wise
- Resource wise

Product wise / Group wise

Product Name :

Group Name :

Depot Name :

Stage :

Machine :

Resource wise

Resource Name :

B.O.M Name :

Branch Name :

Period

10/ 5/2021 To 10/ 5/2021 Time

Production order report help us to know detailed and summarized report based on order. We can also search report based on period such as day, week, month or year wise.

The screenshot shows the 'Production Order Report' dialog box. On the left, under 'Report Format', the 'Summary' radio button is selected. The main area contains several input fields: 'Voucher Number', 'Remarks', 'Order Status' (set to 'All'), and 'Due Type' (with a dropdown menu open showing 'All', 'Due', and 'Over due'). Below these are 'Amount wise' fields for 'From' and 'To' (both set to 0), 'B.O.M Name' (set to 'All'), and 'Branch Name' (set to 'Main Branch'). The 'Period' section shows dates '10/ 5/2021' to '10/ 5/2021' with a 'Time' checkbox. At the bottom are buttons for 'Today', 'Week', 'Month', 'Year', and 'FY'. A footer bar contains 'Preview', 'Print', and 'Design' buttons.

We can also filter report based on due type by selecting voucher wise.

This screenshot is similar to the previous one, but the 'Due Type' dropdown menu is open, showing 'All', 'Received', and 'Pending' as options. The 'Summary' radio button remains selected under 'Report Format'. All other fields and buttons are identical to the previous screenshot.

We can also filter report based on order status such as received, pending.

➤ ProductionReceiptReport

Production Receipt Report X

Report Format

Voucher wise

Product wise

Summary

Detail

Search By

All

Main Product

By Product

Components

All

Product wise

Group wise

Resource wise

Product wise / Group wise

Product Name :

Group Name :

Depot Name :

Stage :

Machine :

Resource wise

Resource Name :

B.O.M Name :

Branch Name :

Period

10/ 5/2021 To 10/ 5/2021 Time

This report helps us to take reports based on receipt. We can search by branch name, BOM name period wise etc.