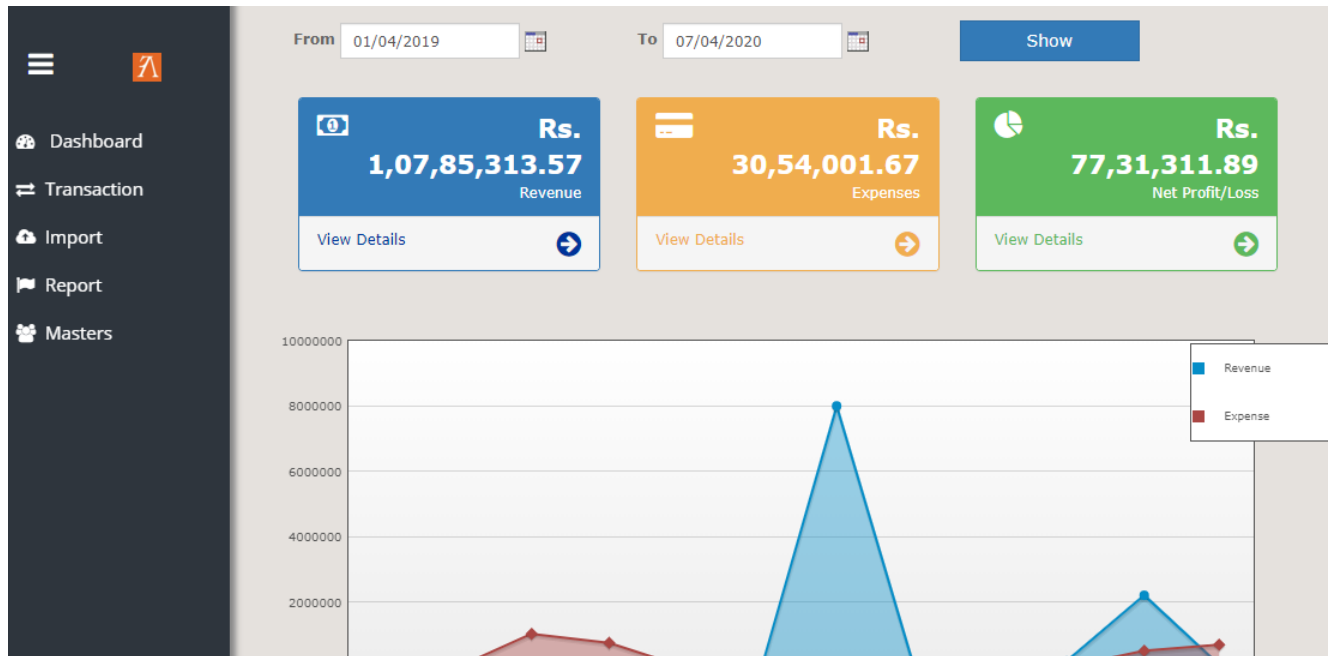


# User Guide to get started in FinAcct Production

After successful login, users get dashboard page where they can check all business summary metrics like Income, Expense, Balance, Tax payable etc.



## 1. Manufacture Dashboard

Just Clicking on Production tab, users get dashboard page where they can check Work order status and all summary metrics like WO Creation, Requested, Production, Quality Check, Scheduled, Completed etc. It also shows the items details in production state.

Item Status in Work Order							
Item	Created	Delivery Planning	Issue Request	Input Transferred	Production	Quality Check	Completed
Wire Rope_2X4	100	1					
Jeans					3		
Shirt DNo 351_S_White	2						
Brass Tap	1	6	2		16		
1 Ltr Plastic Water Bottle				100			500
Chocolate Cake	1						
Atomised Aluminium Powder_150 micron				200			
Leafing Aluminium Paste 10L_13 mic	100						

Item Status in Production		
Item	Completed	Scheduled
Wire Rope_2X4	1	
\$stock_id_name.get(\$!stock_item)		1010
Jeans		15

It has all the self-descriptive process to get started in Manufacturing like Ledger Setup, BOM, Work Order issue, Scheduling, Production, Inspection and Delivery Planning.

## 2. Masters for Manufacture process:

Items Setup: This is the most fundamental master setup in whole inventory transactions which include purchase and sales of goods and manufacture of good Each stock item has other associated masters like Units, Category, Locations and Tax Types. These masters are created before stock items masters are created.

Fill the following details and select Item type

Manufacture: For manufactured item

Purchased: For Raw Material

Trading: For trading Items

Scrap: For Scrap item

Semi-Finished: For Semi finished item

## Stock Details







Category *	Item Code *	HSN Code *
<input type="text" value="Select Category"/>	<input type="text"/>	<input type="text" value="0"/>
Name *	Description	Size
<input type="text"/>	<input type="text"/>	<input type="text"/>
Group	Manufacturer	Item Rate
<input type="text"/>	<input type="text"/>	<input type="text" value="0%"/>
Units Of Measure *	Opening Balance	Opening Stock Rate
<input type="text" value="Select Units"/>	<input type="text" value="0"/>	<input type="text" value="000"/>
Material Cost		
<input type="text" value="0.0"/>		
Item Type *	GST Type *	Purchase Price
<input type="text" value="Select Type"/>	<input type="text" value="With Rate"/>	<input type="text" value="0.0"/>

**Work Centre:** Work Center is the location where manufacturing goods are produced using raw materials. Raw materials are transferred from received locations (Go down) to this work center

Users should follow the link Inventory ->Master- >Bill Of Material ->Work Centre and update the required details


## Work Center Master

Name: *	<input type="text"/>
Description:	<input type="text"/>
Address: *	<input type="text"/>
Phone:	<input type="text"/>
	<input type="button" value="Add"/> <input type="button" value="Cancel"/>

Name	Description	Address	Phone	Edit	Delete
Chennai	Chennai	Chennai	0		
QA	Quality Analyst	Bangalore	9738828243		
Sivakasi	THE ARASAN ALUMINIUM INDUSTRIES (P) LTD.	1-C/4 Thiruthangal Road, Sivakasi - 626 123. Tamil Nadu, INDIA	91 4562 - 230916 / 289848		

## Labor Master Setup

Users need to setup these masters to add Labor Please follow the link Production ->Master-> Labor



### Labour Master

---

**ID: \***

**Name: \***

**Work Centre: \***

**Skills: \***

**Time Shift:**

**Rate (per hr): \***

**Machine: \***

ID	Name	Skill	Work Centre	Time	Rate	Edit	Delete	Outage	
<input type="checkbox"/>	1	Prabhu	Machine Operator	Chennai	6 a.m - 2 p.m	100.0			
<input type="checkbox"/>	2	Govind	Machine Operator	Chennai	6 a.m - 2 p.m	100.0			
<input type="checkbox"/>	3	Sagar	Machine Operator	Chennai	6 a.m - 2 p.m	80.0			

Add the necessary details, add Work Centre in which Centre that labor is assigned to work, labor skills, Time shift, Rate (Per Hour) and save it.

## Machine Master Setup

Users need to setup these masters to add Machine Please follow the link Production ->Master-> Machine



## Work Machine Master

ID:

Serial No: \*

Name: \*

Type \*

Date Of Purchase:

Capacity (Items/hr): \*

Overhead Cost (/hr): \*

Add

Cancel

Serial No	ID	Name	Type	Capacity	Overhead Cost (/hr)	Edit	Delete	Outage
MC01	1	Melting Machine	Others	10.0	50.0			
MC02	2	Dying Machine	Others	10.0	30.0			
MC03	3	Trimming machine	Others	10.0	40.0			

Add the necessary details, add type of Machine, Date of Purchase, Capacity of Machine (Production capacity which is defined at the time of purchase of machine) and save it

## Work Station



Users need to setup these masters to add Machine Please follow the link Production ->Master-> Machine

### Work Station

---

<b>Station No: *</b>	<b>Description: *</b>	<b>Name: *</b>
<input type="text" value="WS003"/>	<input type="text" value="Jeans Zipp and Labeling Stat"/>	<input type="text" value="Finishing Centre"/>
<b>Type</b>	<b>Labours:</b>	<b>Work Capacity: *</b>
<input type="text" value="Production"/>	<input type="text" value="10"/>	<input type="text" value="5"/>
<b>Work Centre: *</b>		
<input type="text" value="Select Work Centre"/>		

[+ Add Machine](#)

Sr.	Machine Name	Machine Nos	Shift Nos	Action
1.	<input type="text" value="Polishing machine"/>	<input type="text"/>	<input type="text"/>	
2.	<input type="text" value="Fiber mixing machine"/>	<input type="text"/>	<input type="text"/>	

[Add](#) [Cancel](#)

Add the necessary details, add type of Station, No. of labors working at that Particular Station, Work Capacity, Work Centre (In which work Centre this station held) then add Machine, fill details of Machine Name, Machine No's, shift No's and save it.

Bill of Material: This is the composition formulae of finished goods w.r.t input material. Add the necessary details and save it.

## Bill of Material

Finished Good:

Date:

Manufacturing Days:

[+ Raw Material](#)

Sr.	Component	Location	Additional Cost	Quantity	LT(wk)	Work Center	Delete
1.	<input type="text" value="Polyethylene terepht"/>	<input type="text" value="Factory"/>	<input type="text" value="0"/>	<input type="text" value="0.05"/>	<input type="text" value="1"/>	<input type="text" value="Chennai"/>	
2.	<input type="text" value="High density Polyeth"/>	<input type="text" value="Factory"/>	<input type="text" value="0"/>	<input type="text" value="0.02"/>	<input type="text" value="1"/>	<input type="text" value="Chennai"/>	
3.	<input type="text" value="Low Density Polyeth"/>	<input type="text" value="Factory"/>	<input type="text" value="0"/>	<input type="text" value="0.02"/>	<input type="text" value="1"/>	<input type="text" value="Chennai"/>	
4.	<input type="text" value="Polystyrene"/>	<input type="text" value="Factory"/>	<input type="text" value="0"/>	<input type="text" value="0.01"/>	<input type="text" value="1"/>	<input type="text" value="Chennai"/>	

Scrap Good:

Scrap Quantity:

Scrap Cost:

Labour Cost:

Overhead Cost:

Additional Cost:

Type:

Final Price:

**Routing:** Routing is an ordered list of tasks required for a manufacturing process that is used for making a product. When you define your Routings, you will add all the routing tasks to the list contained in the routing, and you must assign each routing task a sequence number that indicated the precise order in which the routing tasks must be performed during the manufacturing process.

Users need to setup these masters to add Routing task, please follow the link [Production ->Master-> Routing](#)



## Manufacturing Process Stages

Finished Good: \*

1 Ltr Plastic Water Bottle

Name: \*

Plastic Bottle Process

Description:

Plastic Bottle Manufac

Quantity:

100

Start Date:

03/04/2020

To Date:

03/31/2020

Cost:

+ Add Task

Type:

Assembly

Execution:

Cascaded

Name:

Preform Building

Seq No:

1

Description:

PET Mix injected int

Setup Time(Hr):

1

Runup Time(Hr):

16

Work Centre:

PET Bottle Stati

Labour(Hr):

8.0

Machine(Hr):

8.0

Input:

Polyethylene ter

Output:

1 Ltr Plastic Wa

Type:

Assembly

Execution:

Cascaded

Name:

Stretching Preform

Seq No:

2

Description:

This stretch blow mc

Setup Time(Hr):

1

Runup Time(Hr):

16

Work Centre:

PET Bottle Stati

Labour(Hr):

8.0

Machine(Hr):

8.0

Input:

Select Input

Output:

Select

Type:

Assembly

Execution:

Cascaded

Name:

Cooling & Trimming

Seq No:

3

Description:

Cooling & Trimming

Setup Time(Hr):

1

Runup Time(Hr):

16

Work Centre:

PET Bottle Stati

Labour(Hr):

8.0

Machine(Hr):

8.0

Input:

Select Input

Output:

Select

This box provides for adding product links from the Routing to another product. Entries for each product in this list of links between the Routing and the products include these:

- Finished Good -- The Finished Good that this Routing can build
- Name -- Name of Routing Process
- From Date -- When this Routing becomes effective for manufacturing this product
- Thru Date -- When this Routing expires for use with this product



- Quantity --The quantity of product that is produced when this Routing is executed
- Cost -- A Standard Cost estimate for the product.
- Add Task – Add Task for ordered list of task, then add the necessary details of task
  - Type: In type we have 2 options Assembly and Sub- Contract, Select Assembly for self-manufacturing and sub-contracting for Job contract.
  - Execution: In Execution we have 2 options- Cascaded and Parallel, if any task starts after previous one completes, then you need to select cascaded otherwise they can be running Parallel
  - Setup Time: Set up time can be defined as the amount of time taken to change a machine from the last part of a production lot to the first good part of the next production lot.
  - Run up Time: Run up time can be defined as the amount of time taken in production of a lot.
  - Work Centre: In which Work Centre that Routing Process is to be done.
  - Then Fill Labor Hours, Machine Hours, Input and Output.

**Quality:** Manufacturing quality is conformance to specifications. Quality of design and conformance to specifications provide the fundamental basis for managing operations to produce quality products. As customer expectations have risen over time, manufacturing quality has come to be an absolute requirement, regardless of where products are manufactured, distributed, and sold. Assuring manufacturing quality entails three principal functions: quality design, quality control, and quality management.

Users need to setup these masters to add Quality Please follow the link Production ->Master->Quality

### Quality Master

**Name: \***

**Goods:**

1 Ltr Plastic Water Bottle
▼

**Type: \***

Work In Progress
▼

**Completion Time (Days): \***

+ Add Param

Sr.	Type	Name	Value	Min Val	Max Val	Action
1.	Range ▼	length	<input type="text"/>	<input type="text" value="100"/>	<input type="text" value="105"/>	
2.	Range ▼	Plastic thickn	<input type="text"/>	<input type="text" value="1"/>	<input type="text" value="1.5"/>	

Save

Cancel

Add the necessary details

Name: Name of the Routing Process

Goods: Select a good for which Routing Master setup

Type: Select type of Goods (Inventory, Resource, Receiving, WIP)

Time: How much time taken for Inspection

Add Parameter: Define Parameters on which inspection needs to be done.

Type: In type there are 2 options Range and Single value, for the area of variation between upper and lower limits on a particular scale select Range and for defining one value select Single value

Then fill the other remaining details.

### 3. Manufacture Work Flow

Work order creation is the first step towards manufacture work flow. We can create Work Order by two process

- First from Sales Order Please follow the follow link Inventory > Report > Sales > Sales order, Click on the Action Button of a particular sales order for which you want to create Work Order, here a drop down will show as shown in below image, Click on Add Work Order then a Work order for a Particular item will be created.

Date	Trans	Ref	Customer	Location	Qty	Qty Sent	Total	Add Delivery	More
11 Mar 2020	15138	RAJ_SO/2019/1216	Dell co pvt ltd	Bangalore	20.0	35.0	19,900.00		
09 Mar 2020	15082	RAJ_SO/2019/1215	Aakash Telecom	Chennai	50.0	0.0	0.00		
05 Mar 2020	14987	RAJ_SO/2019/1214	shwetha		2.0	2.0	19,040.00	Fully Delivered	
05 Mar 2020	14986	RAJ_SO/2019/1213	Sandya	MAHADESHWARANAGAR	3.0	3.0	30,240.00	Fully Delivered	
05 Mar 2020	14985	RAJ_SO/2019/1212	Sandya	MAHADESHWARANAGAR	5.0	0.0	53,680.00		
05 Mar 2020	14984	RAJ_SO/2019/1211	Sandya	MAHADESHWARANAGAR	5.0	0.0	53,680.00		
05 Mar 2020	14983	RAJ_SO/2019/1210	Sandya	Bangalroe	5.0	5.0	53,680.00	Fully Delivered	
05 Mar 2020	14982	RAJ_SO/2019/1209	Sandya	MAHADESHWARANAGAR	5.0	5.0	53,680.00	Fully Delivered	
04 Mar 2020	14956	RAJ_SO/2019/1208	Cell India Pvt. Ltd.	Dadar, Mumbai	500.0	500.0	32,200.00	Fully Delivered	

- Update
- Delete
- Export
- Email
- Add Work Order
- Add Purchase Order
- Commit

- User can directly Go to the link of Work order which is Inventory > Transaction > Work Order then a page open as shown in below image. User can fill the required basic details and add the work order.

---

## Work Order

---

Stock Item \*

Quantity Required:\*

Date Released On \*

Tag Name\*

Location \*

Date Required By\*

Memo

Add

Cancel

---

After adding Work Order it directly takes you to work order report via the link [Inventory > Report > Work Order](#).

On clicking on Action Button of a Work order a drop down pops up as shown in below image, click on **Material Requisition** for informing to go down how much quantity will be needed for production to a particular Work Centre

Date	Name	Type	Location	Item	Qty	Required By	Status	More
16 Mar 2020	WL	Polyethylene	Chennai	1 Ltr Plastic Water Bottle	100	18 Mar 2020	Input Transferred	⋮
04 Mar 2020	Cell India Pvt. Ltd._WO14956	Polyethylene		1 Ltr Plastic Water Bottle	500	30 Mar 2020	Quality Check	⋮
19 Oct 2019	Venkatesh Marketing Company_WO12656	Atomised Aluminium Powder		Atomised Aluminium Powder_150 micron	200	20 Nov 2019	Input Transferred	⋮
19 Oct 2019	Venkatesh Marketing Company_WO12646	Leafing Aluminium Paste		Leafing Aluminium Paste 10L_13 mic	100	30 Nov 2019	Created	⋮
23 Jul 2019	dd	Garments	Delhi	Shirt DNo 351_S_White	2	23 Jul 2019	Created	<ul style="list-style-type: none"> <li> Edit</li> <li> Sub Work Order</li> <li> Material Requisition</li> <li> Produce Finished Good</li> <li> Delete</li> <li> Input Demand</li> <li> Check Production</li> <li> Schedule Production</li> </ul>
01 Jul 2019	Shankar_WO8676	Bathroom Fittings		Brass Tap	1	26 Jul 2019	Created	
20 Jun 2019	Adithya and co pvt tid_WO9417	Bakery		Chocolate Cake	1	12 Jun 2019	Created	
20 Jun 2019	FlagRoot_WO10191	Bathroom Fittings		Brass Tap	1	21 Jun 2019	Delivery Planning	
12 Jun 2019	R.K Traders_WO10033	Bathroom Fittings		Brass Tap	3	13 Jun 2019	Production	
14 Jun 2019	Deekshu and	Wife Dress		Wife Dress_2X4	1	13 Jun 2019	Delivery	

Then fill the details of Material Requisition as shown in below Image, Here you can check Quantity on Hand (QOH) and Available quantity after issuing Raw Material.

### Material Requisition (Work Order)

Location: \*

Issue Date:

Work Center: \*

Type:





Memo:

[+ Add Material](#)

Component	Quantity	QOH	Available	Batch No	Delete
<input type="text" value="Spirits"/>	<input type="text" value="25.0"/>	<input type="text" value="0.0"/>	<input type="text" value="-25.0"/>	<input type="text"/>	
<input type="text" value="Lubricant"/>	<input type="text" value="1.0"/>	<input type="text" value="0.0"/>	<input type="text" value="-1.0"/>	<input type="text"/>	
<input type="text" value="Atomised Aluminium Powder_150 micron"/>	<input type="text" value="90.0"/>	<input type="text" value="0.0"/>	<input type="text" value="-90.0"/>	<input type="text"/>	

Then it will take you directly to the link Inventory > Report > Work Order > Work Order issue, from Action button Click and process for transfer the Raw Material from Go down to Work Centre.

ID	Location	Work Center	Date	Stock Id	Stock	Qty	More
525	Chennai	Chennai	16 Mar 2020	0023	Polyethylene terephthalate (PETE)	5.0	⋮
523	Factory	Chennai	04 Mar 2020	0023	Polyethylene terephthalate (PETE)	25.0	⋮
519	Sivakasi	Sivakasi	20 Oct 2019	56657	Aluminum Ingot	300.0	⋮
517	Chennai	Chennai	01 Jul 2019	BRST02	Brass	1.0	⋮
512	Chennai	QA	12 Jun 2019	BRST02	Brass	3.0	⋮

-  Edit
-  View
-  Material Issue
-  Delete

**Material issue** action button triggers Stock transfer from Stock location to production work center.

### Stock Transfer

From Location:  To Location:  Date:

[+ Add Item](#)

Sr.	Code	Item	Qty	Unit	Batch	Status	Delete
1.	<input type="text" value="0023"/>	<input type="text" value="Polyethylene terephthalate ("/>	<input type="text" value="5"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
2.	<input type="text" value="0032"/>	<input type="text" value="High density Polyethylene"/>	<input type="text" value="2"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
3.	<input type="text" value="0452"/>	<input type="text" value="Low Density Polyethylene"/>	<input type="text" value="2"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
4.	<input type="text" value="0764"/>	<input type="text" value="Polystyrene"/>	<input type="text" value="1"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	

Memo

Before scheduling production, user should check raw material demand once more from Material Requirement Planning report for a given quantity of finished good as needed in the given work order. The MRP report for the finished goods is shown below.



It shows the previous sales requirement (Sales History) for 12 work week, Forecasted demand for next 12 work week based on last 12 work week requirements, Future demand based on work order created from next 12 weeks of sales orders. It helps delivery and shipping team to plan based on availability of finished goods.

The next process is to check for current production schedule and production work in progress. This helps to predict the scheduling date for the current work order taking into consideration of available labor, machine and raw materials as shown in Input demand reports.

	WK 0	WK 1	WK 2	WK 3	WK 4	WK 5	WK 6	WK 7	WK 8	WK 9	WK 10	WK 11	WK 12
Gross Requirements for Finished Good Atomised Aluminium Powder_150 micron													
Production Completion Days for Atomised Aluminium Powder_150 micron - 7													
Labour needed for Atomised Aluminium Powder_150 micron - 28.75													
Machine Set for Atomised Aluminium Powder_150 micron - 8													
	Oil Fired Furnace— 250 kg	Oil Tank (2000 ltrs Cap.)	Hot Air Chamber	Compressor	Powder Collecting Duct complete with suction arrangements etc	Water cooling tank, pumps	Powder Collecting Duct complete with suction arrangements etc	Water cooling tank, pumps					
Gross Requirements	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Production Days													
Production Labour													
Production Machine Set													
	<a href="#">Add Labour</a>						<a href="#">Add Machine</a>						

Production	Completion Status	Machine	Labour	Completion Date
Atomised Aluminium Powder Production	0 out of 4 Completed	1	4	Sun Oct 20 00:00:00 UTC 2019

Work Order Qty	Production Days	Projected Completion Date
200.0	0.0124	04/10/2020

The above report shows the gross requirement of finished good for the given work order, production days computed from routing information of the finished good, Labor and Machine needed to complete the production.

Based on different combination of production days, labor and machine, production planning can be done.

The report also shows the occupied labor and machine for the duration of completion of production work in progress. Based on this and total labor and machine available, start date and completion date of the current production can be planned. If required, we can add the labor and machine as part of capacity planning in the production work shop.

Next Step is schedule Production when planning stage dictates that current production be started now.

For Production scheduling go to work order report through following link Inventory > Report > Work Order, Then from Action Button for a Particular Work Order click on **Schedule Production** and fill the details same as image below,

- Production Tag: Give a Tag name for that production
- Work order: It will select Work order Number Automatically
- Routing: Select the process of Routing
- Target Quantity: It will take quantity automatically from Work Order
- Qty lost: Mention Quantity which is to be lost if any
- Start date: Date on which Production will start

Then Click on Add Button



### Schedule Production

Production Tag: *	<input type="text"/>
Work Order:	Venkatesh Marketing Company_WC ▼
Routing:	Select ▼
Target Quantity: *	200
Qty Lost:	0
Scrap:	0.0
Start Date:	<input type="text"/>

Add

Cancel

---



After Adding Production in Next Step you can able to see your all work orders Production report in a link Production- > Report -> Production  
 In status here is shown your production status that Work order is in work in progress or scheduled or completed.

Tag	Work Order	Routing	Goods	Qty Planned	Qty Produced	Scrap	Start Date	Status	More
Jean	3391	Jeans Production	Jeans	10		0.0	03/09/2020	Scheduled	⋮
PET Bottle Manufacturing	3662	Plastic Bottle Process	1 Ltr Plastic Water Bottle	500	500.0	0.0	03/04/2020	Completed	⋮
Atomised Aluminium Powder Production	3656	Aluminium Powder Production	Atomised Aluminium Powder_150 micron	200		0.0	10/20/2019	Work In Progress	⋮
FBR	3646	Brass tap Production	Brass Tap	1	1.0	0.0	07/01/2019	Completed	⋮
affh	220	Jeans Production	Jeans	5		0.0	06/25/2019	Scheduled	⋮
SA	3644	Brass tap Production	Brass Tap	3		0.0	06/12/2019	Work In Progress	⋮
RW	3643	Wire Rope	Wire Rope_2X4	1	1.0	0.0	06/11/2019	Completed	⋮
RR	3642	Brass tap Production	Brass Tap	5		0.0	06/10/2019	Completed	⋮
PRS	3639	Brass tap	Brass Tap	5		0.0	05/29/2019	Work In Progress	⋮

- Edit
- Add Task
- Show Tasks
- Tasks Gantt Chart
- Show Input Issued
- Produce Goods
- Delete

From Action Button click on **Add Task** and fill the details of

- Production Task Tag: Give a Tag Name for Task
- Routing Task: Select a task which need to be done
- Start Time: At which date you are going to start that task
- Input Quantity: Quantity which is input for that task
- Status: Select status Work in Progress at the time of adding Task
- In Machine details Fill Machine No's
- Allocate: Click on Allocate Button and kept items which were needed to do that task
- Assign: click on Assign button for assigning task to labor
- Est. Work Hour: How much labor hours are estimated to do that task.



## Production Task Details

Production Task Tag:\*

Routing Task:\*

Start Time:\*

Completion Time:

Input Quantity:\*

Output Quantity:

Actual Labour:

Overhead Cost:

Status:

Scrap (Waste):

### Machine Details

Machine:\*

Nos:\*

Complete (Hr):

Downtime:

Machine 2:\*

Nos:\*

Complete (Hr):

Downtime:

### Input Materials

+ Allocate

Stock	Qty available	Qty allocate	Delete
Aluminum Ingot	300	300	

### Labor

+ Assign

Labor	Est. Work hours	Actual Work hours	Delete
Select..			

Add Cancel

After Adding Task Next Step is to Complete Task

For Complete task go to Production from the link Production > Report > Production Click on **Show task** from Action Button

Here you can able to see which task is completed and which is in Progress.

Run Time	Down Time	Planned Run Time	Availability	Labour Hours
16.0	0.0	16.0	100.0	8.0

Total Quantity	Rejected	Throughput	Quality
500.0	0.0	3125.0	1.0 (100.0%)

Finished Good	Stage 1	Stage 2	Stage 3
Plastic Bottle Process	Preform Building	Stretching Preform	Cooling & Trimming

Task Statistics

Task Tag	Name	Start Time	Completion Time	Input Qty	Output Qty	Waste	Date	Labour	Machine	Status	More
Building Preform	Preform Building	03/04/2020	16.0	25			03/04/2020	1	16.0	Completed	⋮
Preform Stretching	Stretching Preform	03/05/2020	16.0				03/04/2020	2	16.0	Work In Progress	⋮
Bottle Finishing	Cooling & Trimming	03/05/2020	16.0	25			03/04/2020	1	16.0	Work In Progress	⋮

From the Action Button click on Edit and complete the Task and Fill the remaining details which are left after Adding Task

- Completion time: How much time it took in task completion
- Output Quantity:
- Overhead Cost: Any overhead cost in completion of task
- Status: Change status from Work in Progress to Completed
- In Machine Details Fill Hour Completed (in what time Machine completed that Task) and Downtime
- Actual Work hour: In actual how much time labor took to complete that task.

After Completion of all Tasks, next step is to Produce Finished Goods and transfer to go down. Go to the Link of production and click on Produce Finished Goods from Action button and fill the details as shown in below image and then click on Add.

**Finished Good Stock**

Manufactured Good: \* Atomised Aluminium Powd ▼

Location: \* Select.. ▼

Date: \*

Quantity: \* 200

Scrap Quantity: 0.0

Batch No:

Add Cancel

After Completion of Production, next process is Quality Inspection

For inspection go to Work Order Report and click on Add inspection From Action Button and fill the details as shown in image

19 Mar 2019	Rajeshwary and co_WO8226	Bathroom Fittings	Brass Tap	2	20 Mar 2019	Production	⋮
19 Mar 2019	R.R Enterprises_WO8211	Bathroom Fittings	Brass Tap	5	20 Mar 2019	Delivery Planning	✎ Edit
18 Mar 2019	Avery co ltd_WO8209	Bathroom Fittings	Brass Tap	1	19 Mar 2019	Quality Check	🔗 Sub Work Order
11 Feb 2019	R.R Enterprises_WO6950	Garments	Jeans	2	12 Feb 2019	Input Transferred	✖ Delete
14 Jan 2019	Sadhana Enviro Pvt Ltd_WO6124	Bakery	Chocolate Cake	100	15 Jan 2019	Production	👁 Add Inspection
							🔍 Show Production

Sample tag: Give a Tag name for Inspection

Sample Good: In Sample good it will automatically select goods for which need to be done inspection from Work Order

Plan: In plan select for which type of good inspection need to be done (Inventory, Resource, Receiving, Work in Progress)

Total Quantity: For what quantity inspection is to be done

Date: On which date inspection is done

Sample Size: In what Sample size inspection Result to be added.

## Sample Inspection

Sample Tag: \*

Sample Good: \*

Plan

Type

Level

Total Quantity: \*

Date:

Sample Size: \*

Acceptance Limit:

Rejection Limit:

Status:

Save

Cancel

After Adding Inspection it takes you to Sample inspection (Manufacture > Report > Quality Inspection) report

Click on Add result from Action Button

Tag	Type	Goods	Qty tested	Sample Size	Date	Acceptance	Rejection	Action
Water Bottle Inspection	Work In Progress	1 Ltr Plastic Water Bottle	500	100	13 Mar 2020			⋮
MB1	Inventory	One+ 7	10	10	12 Mar 2020	10.0	0.0	⋮
Redmi 2 GRN Testing	Receiving	Redmi 2	1	1	06 Mar 2020			⋮
GDU	Inventory	Brass Tap	1	1	01 Jul 2019			⋮
FBH	Inventory	Brass Tap	1	1	01 Jul 2019			⋮

Edit

Add Result

Show Result

Delete

While Adding Result fill the following details

Result tag: Give a tag name for Inspection result

Item Quantity: For What quantity result is to be added

Parameters: Select Parameter

Value: Fill the Value of Result

## Inspection Result

Result Tag:

Item Quantity

Parameter 1

Value

Parameter 2

Value

Parameter 3

Value

Parameter 4

Value

Parameter 5

Value

Add

Cancel

After Adding Inspection Result it takes you to Inspection result report link of Manufacture > Report > Quality Inspection > Inspection result. On that page Parameter, value and status of every inspection is showing. From Action Button Click on Accept or Reject as per your Inspection Result

Total Test Sample	Accepted	Rejected	No result
500	100 (20.0 %)	100 (20.0 %)	0

Sample Tag	Parameter 1	Value	Status	Parameter 2	Value	Status	Parameter 3	Value	Status	Date	Status	Action
Bottle Inspection Result	length	100	Passed	Plastic thickness	1.6	Failed				03/12/2020	Rejected	⋮
Bottle Inspection Result 2	length	102	Passed	Plastic thickness	1.2	Passed				03/12/2020	Accepted	⋮

- Edit
- Delete
- Accept
- Repair Request

If you **Reject inspection** and needed to repair then click on repair request option will show from Action Button as shown is below image.

In repair Request page will open fill the details of what raw material more is to be needed to repair that product and then process it.

If Work Order is created through Sales order then final step is to add delivery.

For Add delivery go to sales order report from the link Inventory > Report > sales > sales Order, Click on check Word order status from Action button of a sales Order, Work order Status will Show as shown in below image

Inventory / Reports / Work Order Details

Work Order Work Order Issue Production

Filter

Add Delivery Plan

Entries 1 - 1 of 1

Date	Name	Type	Location	Item	Qty	Required By	Status	Action
14 Dec 2018	Himanshu Cust_WO4785	Shoe		Shoe_Black	30	14 Dec 2018	Production	Action

Entries 1 - 1 of 1

Click on Add delivery Plan and fill the Following Details.

## 4. Manufacture Reports

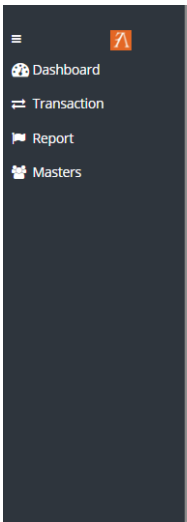
### Master Production

A **master production schedule (MPS)** is a [plan](#) for individual commodities to be produced in each time period, where the plan indicates when and how much of each product will be demanded. This plan quantifies significant processes, parts, and other resources in order to optimize production, to identify bottlenecks, and to anticipate needs and completed goods.

The link for the report is at Manufacture-> Report-> Material Schedule







Projected Available	99.87	99.87	99.87	99.87	99.87	99.87	99.87	99.87	99.87	99.87	99.87	99.87	99.87
Planned order receipts	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Planned order releases	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gross Requirements for item <b>Leather</b>													
Gross Requirements	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Scheduled receipts	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Projected Available	99.87	99.87	99.87	99.87	99.87	99.87	99.87	99.87	99.87	99.87	99.87	99.87	99.87
Planned order receipts	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Planned order releases	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gross Requirements for item <b>Rubber</b>													
Gross Requirements	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

### Finished Goods Cost

Finished Goods Cost includes the costs of all resources put into production during the period (meaning, the direct materials, direct labor and overhead applied). Finished good Cost consists of the cost of all goods completed during the period. It includes total manufacturing costs plus the beginning work in process.

The link for the report is at Manufacture-> Report-> Material Schedule-> Finished goods Cost

Stock Id	Description	Date	Quantity	RM Cost	Overhead Cost	Labour Cost	Others Cost	Total Cost
BRST01	Brass Tap	25/04/2019	3 NOS	1050.00	150.00	300.00	150.00	1650.00
BRST01	Brass Tap	29/05/2019	5 NOS	1750.00	250.00	500.00	250.00	2750.00
BRST01	Brass Tap	10/06/2019	5 NOS	1750.00	250.00	500.00	250.00	2750.00
BRST01	Brass Tap	07/08/2019	5 NOS	1750.00	250.00	500.00	250.00	2750.00
BRST01	Brass Tap	01/07/2019	1 NOS	350.00	50.00	100.00	50.00	550.00
BRST01	Brass Tap	10/04/2020	2 NOS	700.00	100.00	200.00	100.00	1100.00
<b>Total</b>			<b>21</b>	<b>7350.00</b>	<b>1050.00</b>	<b>2100.00</b>	<b>1050.00</b>	<b>11550.00</b>

### Labor Machine Report

Labor and machine report is report where all labor status summary will show, labor and machine Completed Work Hour and In Progress Work Hour will show.

The link for the report is at Manufacture-> Report-> Production -> Labor Machine

## Labor Summary

Labor Name	Completed Work Hour	In Progress Work Hour
Govind	64.0	0.0
Shiva	48.0	24.0
Sagar	48.0	8.0
Srikanth	8.0	0.0
Prabhu	56.0	9.0

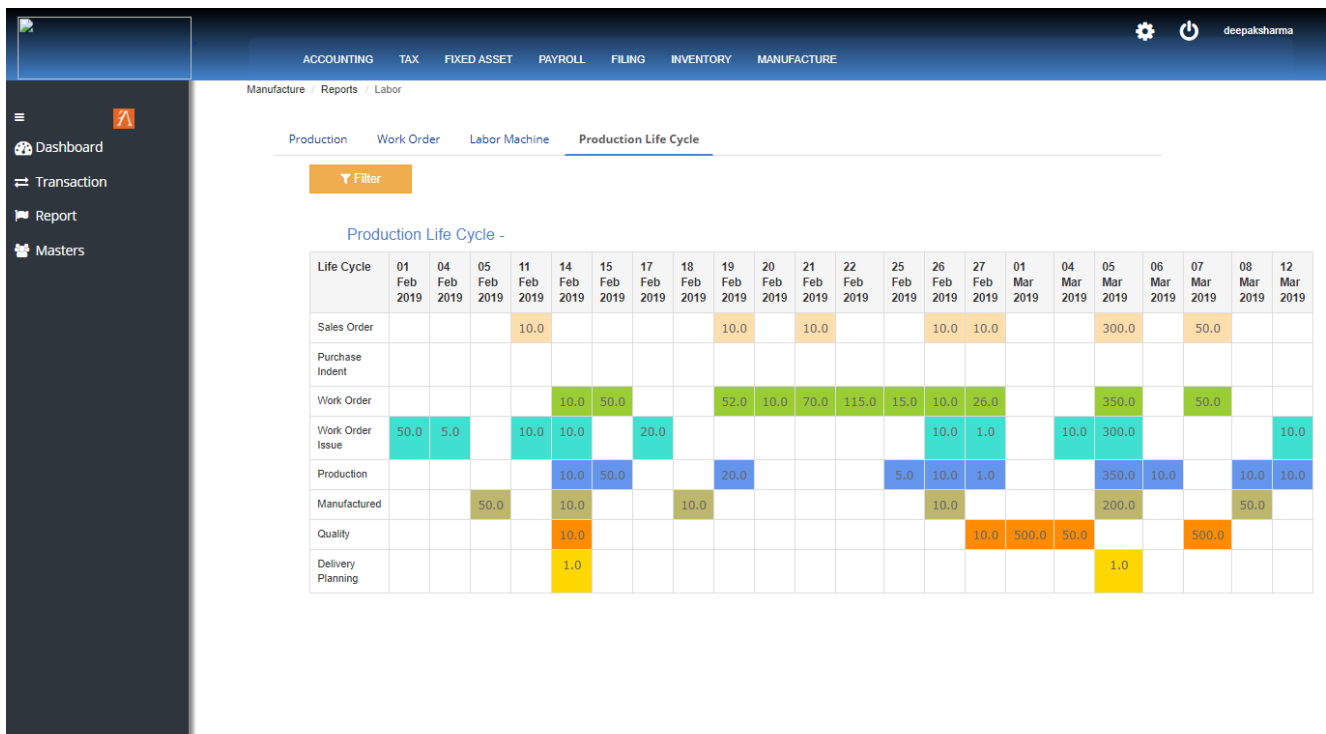
## Machine Summary

Machine	Completed Work Hour	In Progress Work Hour	Capacity
PET Blow Moulding Machine	16.0	32.0	0.0
Trimming machine	30.0	8.0	0.14285715
Dying Machine	30.0	9.0	0.14285715
Melting Machine	39.0	0.0	0.14285715
Polishing machine	30.0	7.0	0.125

## Production Life Cycle

In production life cycle Date wise production report will show

The link for the report is at Manufacture-> Report-> Production -> Production Life Cycle.



## Sample Inspection

The link for the report is at Manufacture-> Report-> Quality Inspection -> Sample Inspection.

Manufacture / Reports / Quality Inspection

Sample Inspection    Inspection Result    Repair Service

Filter

Item Wise Inspection

Goods	Inspection Count
Threads	100
Ragi Biscuit	20
Raw Rice	10000
Cloths	110

Entries 1 - 5 of 5

Tag	Type	Goods	Qty tested	Sample Size	Date	Acceptance	Rejection	Action
Ragi Biscuit Inspection	Receiving	Ragi Biscuit	20	10	02 Dec 2018			Action ▾
Raw Rice Inspection	Receiving	Raw Rice	10000	100	02 Dec 2018			Action ▾
ST14	Receiving	Cloths	10	10	04 Dec 2018			Action ▾
FT	Inventory	Cloths	100	10	04 Dec 2018			Action ▾
HTY	Receiving	Threads	100	10	04 Dec 2018			Action ▾

Entries 1 - 5 of 5

## Delivery Planning

In Delivery Planning delivery report of Work order will show

The link for the report is at Manufacture-> Report-> Delivery Planning

Tag	Shipping Port	Trans Mode	Transport	Packing Date	Loading Date	Issue Date	More
RR	Chennai	Road	ABC	10 Jun 2019	10 Jun 2019	10 Jun 2019	⋮
RW	Chennai	Road	ABC	11 Jun 2019	11 Jun 2019	11 Jun 2019	⋮
FYJ	Bangalore	Road	ASD	01 Jul 2019	01 Jul 2019	01 Jul 2019	⋮
Test Delivery	Bangalore	Road	Prayag Transport	29 Feb 2020	04 Mar 2020	05 Mar 2020	<ul style="list-style-type: none"> <li>✎ Edit</li> <li>🗑 Delete</li> <li>➕ Add Sales Delivery</li> <li>📄 Advance Shipping Notice</li> </ul>
AKY	Bangalore	Road	AS	16 Mar 2020	16 Mar 2020	16 Mar 2020	

Entries

Advance Shipping Notice action opens the form to create ASN record to intimate the shipping details for a given delivery plan to the targeted customer

ASN No:\*

Shipping Date:

Transport Mode:

Transport Company:

Transport Reference:

Tracking No:

Packaging:

Delivery Date:\*

Ship From:\*

Ship To:\*

+ Add Item

Stock	Qty	Weight	Volume	Article No	Packaging	Location	Delete
Brass Tap	1.0	0.0	0.0				