



TEXTTRACK SYSTEM

TexTrack.

MAS Matrix Sewing Machine Utilization System

OBSERVER ACCOUNT – USER GUIDE

ABOUT TEXTRACK

TexTrack is a one-point web-based solution introduced by the Matrix Automation team for Sewing Machines.

The system has the capability of tracking machine data, view machine history, view machine utilization, view machine costing data and many other features.

The system can be accessed at www.masmatrixeng.com which is password protected, and SSL secured assuring all internal data is secured. The system is programmed on HTML, CSS, JS & PHP languages and database handling is done via MySQL. Additionally, web solutions for the system is backed by Bluehost

This system will allow users to access data from anywhere in the world via any device through entering the password and be updated on all sewing machine data at Matrix.

OBSERVER ACCOUNT

This account is a part of main three accounts built for TexTrack. This account mainly focuses on retrieving and visualizing processed data. The account is mostly targeted in machine rental process.

Features of this account as below.

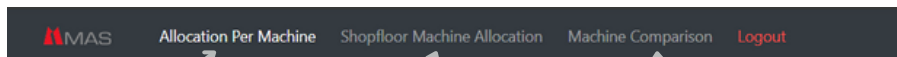
- Identify total rental costs for rental machines in Shopfloor in any filtered timeline.
- Identify financial losses for rental machines due to machine downtime.
- Auto-generate a printable invoice of all machine data, rental costs, rental losses in Shopfloor. Additionally, generate a printable invoice all data for each machine.
- Detect instances of renting out machines while there are similar machines already owned by Matrix located in the Machine Yard.
- View movement history of any machine in Shopfloor.
- Calculate a rough downtime and an efficiency for each machine.

Allowed users to this account.

- Top Management.
- Any assigned Managers or other Executives.

FEATURES

Once logged in there are three main tabs with different functions.



Track Machines individually including their rent price, efficiency and location changes.

Get a total list of rented machines for a filtered time, their total rent cost, total rental losses and print an invoice of these details

Compare Matrix Owned Machines and Rental Machines to check if any machines are rented when Matrix machines are idle.

SHOPFLOOR MACHINE ALLOCATION

Step 01 – Shopfloor Machine Allocation tab provides a summarized invoice of total rental prices. Add a Start Date and End Date and click on submit.

Shopfloor Rental Machine Allocation

Start Date:

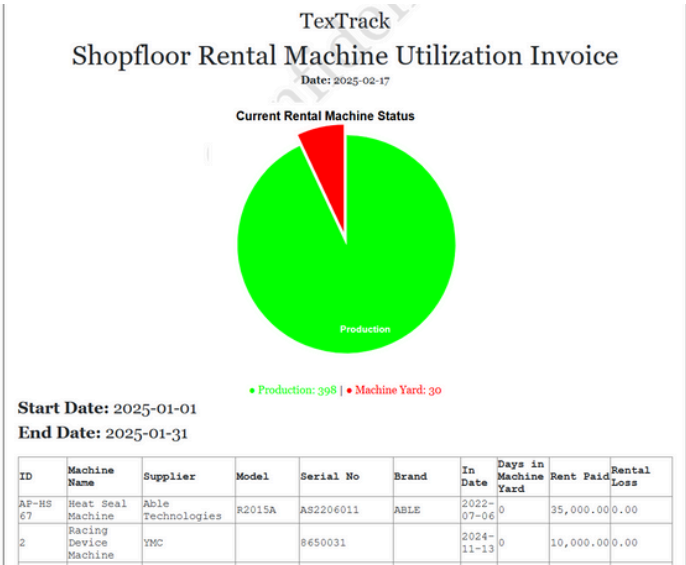
01/01/2025

End Date:

01/31/2025

Submit

Step 02 – Here you will be able to view a full list of rental machines of that selected time range in an invoice.



SHOPFLOOR MACHINE ALLOCATION

The columns of the machine list table is as following

- ID – Unique system assigned ID code for each machine.
- Machine Name – Name of the machine
- Supplier – Machine supplier
- Model – Machine model
- Serial No – Machine serial
- Brand – Machine brand
- In Date – Date which machine entered into the plant
- Days in Machine Yard – No. of days machine was not utilized in the filtered time range.
- Rent Paid – Rental amount paid for the filtered time range.
- Rental Loss – Incurred losses from the rent paid for the unutilized days.

Step 03 – In the bottom of the list it displays the total rent paid amount and the total losses for that selected time range.

Additionally, you can generate a printable PDF of this invoice by Print Invoice button.

Total Rent Paid: Rs. 5,098,600.00
Total Rental Loss due to Machine Downtime: Rs. 185,533.33
<div></div> <p>This is an Auto-Generated Document from TexTrack System by Matrix Automation.</p>
Print Invoice

ALLOCATION PER MACHINE

Step 01 – If required to check in-depth about a machine, click Allocation Per Machine on the main menu and paste the Machine ID on the textbox and click ‘Check Machine Allocation’.

Check **Machine Allocation**

Enter Machine ID:

AP-FS 161

Check Machine Allocation

Step 02 – Here you will be able to view a detailed invoice of that machine which can be generated to a printable PDF when click Print Invoice.

TexTrack

Machine Allocation Invoice

Date: 2025-02-17

Machine Name: Flat Seam Machine

Machine ID: AP-FS 161

Supplier: Global Apparel

Model: FS703P-A-WG2D

Brand: Pegasus

In Date: 2024-12-27

Machine Movement Summary:

From 2025-01-21 to 2025-01-22 - Machine Yard.

From 2025-01-22 to 2025-01-23 - Machine Yard.

From 2025-01-23 to 2025-01-27 - Machine Yard.

2025-01-27 - Present - Module 11.

No of Days Rented: 52 days

Rent Paid: Rs. 52,000.00

Downtime at Machine Yard: 6 days

Rent Lost due to Machine Downtime: **Rs. 6,000.00**

Machine Efficiency (Rough Value): **88.46 %**



This is an Auto-Generated Document from TexTrack System by Matrix Automation.

Print Invoice

MACHINE COMPARISON

Step 01 – This account will detect situations of ordering a Rental Machine when Matrix Owned Machine is unutilized. Following is an example of renting a BarTack Machine in LK-1900BN model.

Matrix Owned vs Rental Machine	
Bar tack Machine - Model: LK-1900BN	
<div><div>Rental Machine</div><div>Bar tack Machine</div><div>ID: AP-BT 100 Model: LK-1900BN Serial No: 2LUNA00217 Price: Rs.16500.00 Status: Production Location: Module 6</div></div>	<div><div>Rental Machine</div><div>Bar tack Machine</div><div>ID: AP-BT 101 Model: LK-1900BN Serial No: 2L1NK01430 Price: Rs.18000.00 Status: Production Location: Module 1</div></div>
<div><div>Rental Machine</div><div>Bar tack Machine</div><div>ID: AP-BT 103 Model: LK-1900BN Serial No: 2LJLQ2083 Price: Rs.18000.00 Status: Production Location: Module 4</div></div>	<div><div>Rental Machine</div><div>Bar tack Machine</div><div>ID: AP-BT 130 Model: LK-1900BN Serial No: 2LMH01443 Price: Rs. Status: Production Location: Module 16</div></div>

Step 02 – Here, a full list of BarTack LK-1900BN machines will be displayed in one box, both Matrix Owned and Rental.

<div><div>Rental Machine</div><div>Bar tack Machine</div><div>ID: AP-BT 98 Model: LK-1900BN Serial No: 2JANX0224 Price: Rs.16500.00 Status: Production Location: Module 5</div></div>	<div><div>Rental Machine</div><div>Bar tack Machine</div><div>ID: AP-BT 99 Model: LK-1900BN Serial No: 2JANX0187 Price: Rs.16500.00 Status: Production Location:</div></div>
<div><div>Matrix Owned Machine</div><div>Bar tack Machine</div><div>ID: AP-BT 97 Model: LK-1900BN Serial No: 2JANX0193 Price: Rs. Status: Production Location: Sample Line</div></div>	<div><div>Matrix Owned Machine</div><div>Bar tack Machine</div><div>ID: AP-BT 100 Model: LK-1900BN Serial No: 2JLQ0121 Price: Rs. Status: Production Location: Module 2</div></div>
<div><div>Rental Machine</div><div>Bar tack Machine</div><div>ID: AP-BT 127 Model: LK-1900BN Serial No: 2JANX0281 Price: Rs.16500.00 Status: Production Location: Module 10</div></div>	<div><div>Rental Machine</div><div>Bar tack Machine</div><div>ID: AP-BT 128 Model: LK-1900BN Serial No: 2JLQ2090 Price: Rs.16500.00 Status: Production Location:</div></div>
<div><div>Matrix Owned Machine</div><div>Bar tack Machine</div><div>ID: AP-BT 41 Model: LK-1900BN Serial No: 2JANX0110 Price: Rs. Status: Production Location: Module 2</div></div>	<div><div>Matrix Owned Machine</div><div>Bar tack Machine</div><div>ID: AP-BT 42 Model: LK-1900BN Serial No: 2JANX0119 Price: Rs. Status: Production Location: Module 2</div></div>

MACHINE COMPARISON

Step 03 – If there is any BarTack LK-1900BN unutilized in the Machine Yard, it is shown in red. This means a BarTack LK-1900BN is rented while a machine of same make and model is unutilized in the plant.

Matrix Owned Machine

Bar tack Machine

ID: AP-BT-67

Model: LK-1900BN

Serial No: 2LIRD01091

Price: Rs.

Status: Machine Yard

Location: Machine Yard

CONTACT

For Any Further Inquiries.

KESHAN BANDARA
Senior Executive – Autonomation
keshanb@masholdings.com
0741451469

DEHAN WELIHINDA
Intern – Autonomation
dehanw@masholdings.com
0719311253

