

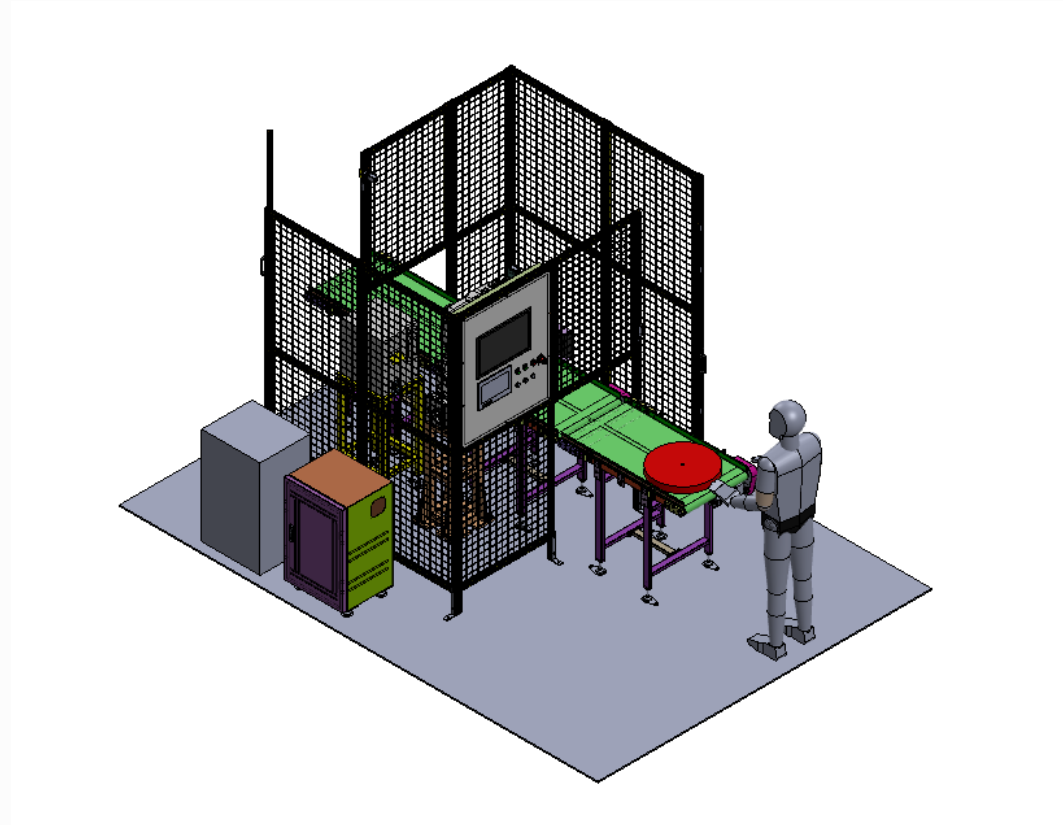
*Auto label pasting machine*  
*Made for PANASONIC AUTOMOTIVE SYSTEMS ASIA PACIFIC CO.,LTD.*

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TOMAS TECH CO., LTD.

# | Agenda

- ▶ Packet material
- ▶ Layout machine
- ▶ Process flow

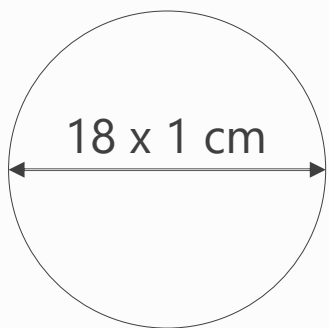


# *Layout machine*

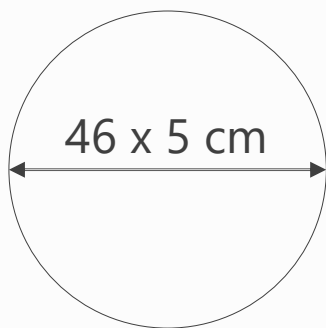
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# | Packet material

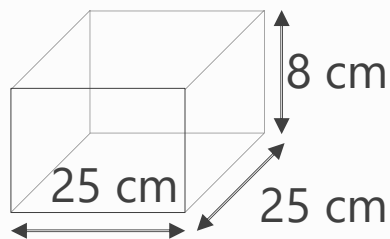
| ขนาดของ Packet Material |                    |             |
|-------------------------|--------------------|-------------|
| No.                     | Type               | Size        |
| 1                       | Small Reel เล็กสุด | 18x1 cm.    |
| 2                       | Big Reel ใหญ่สุด   | 46x5 cm     |
| 3                       | PCB                | 25x25x8 cm  |
|                         | กล่อง              |             |
| 4                       | - สูงสุด           | 38x40x26 cm |
| 5                       | - กว้างสุด         | 41x41x5 cm  |
| 6                       | - ยาวสุด           | 27x64x21 cm |
| 7                       | - เล็กสุด          | 19x19x5 cm  |



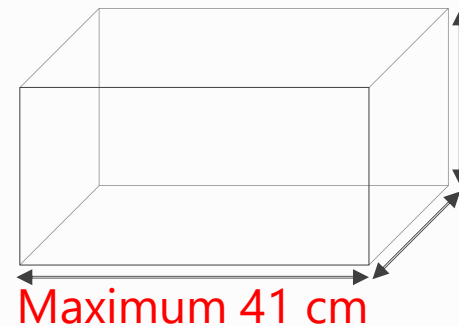
1. Small Reel



2. Big Reel



3. PCB

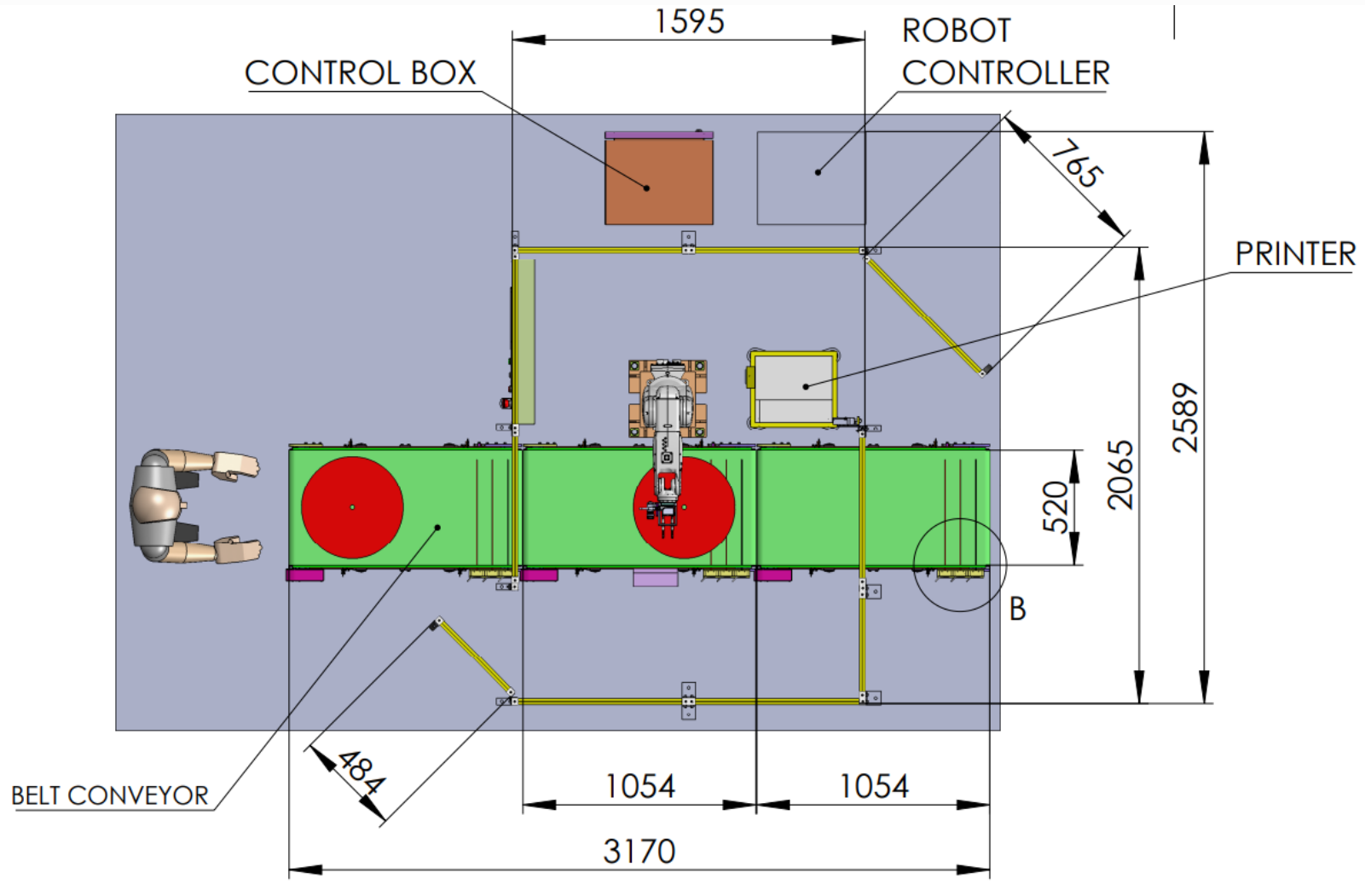


4. Box

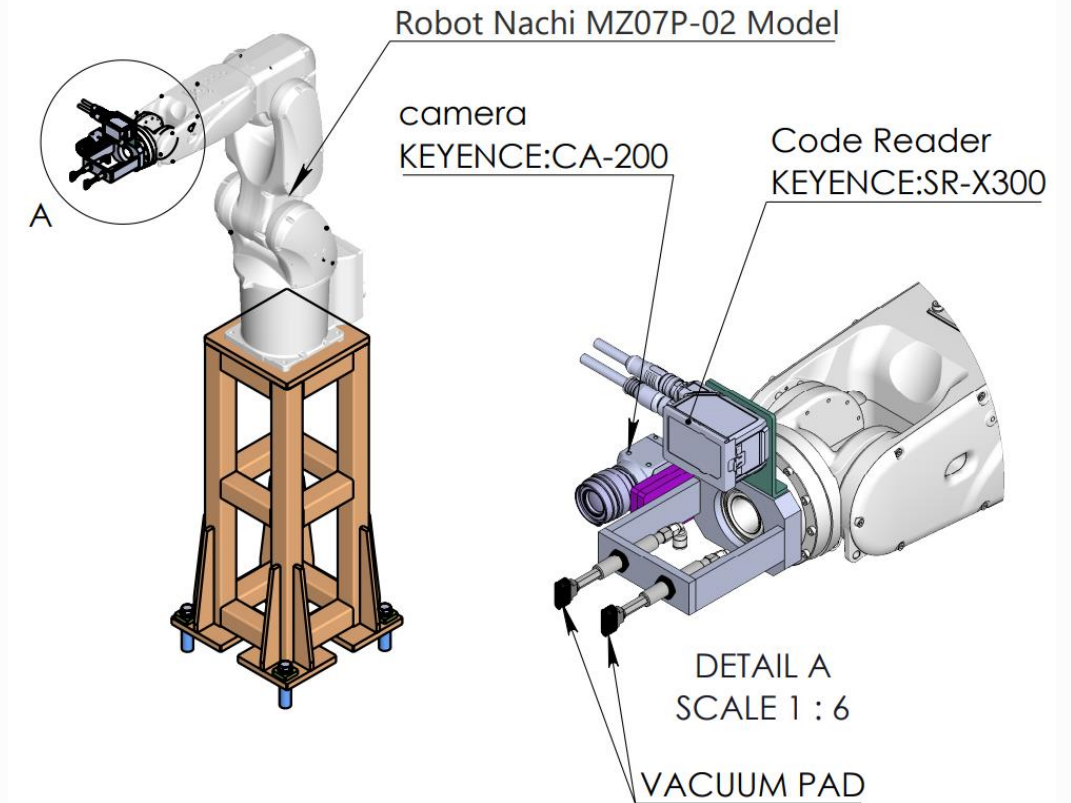
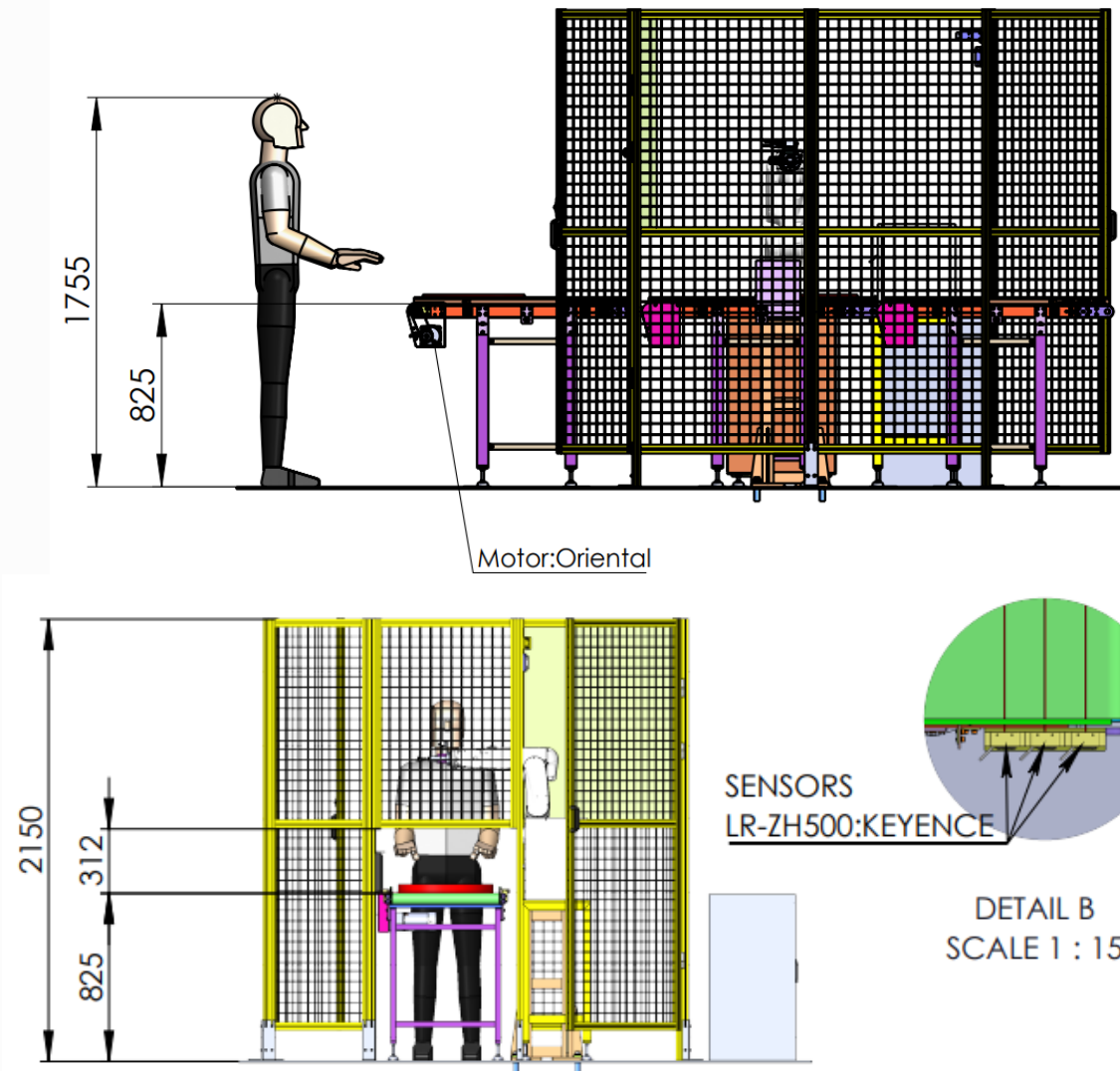
# *Layout machine*

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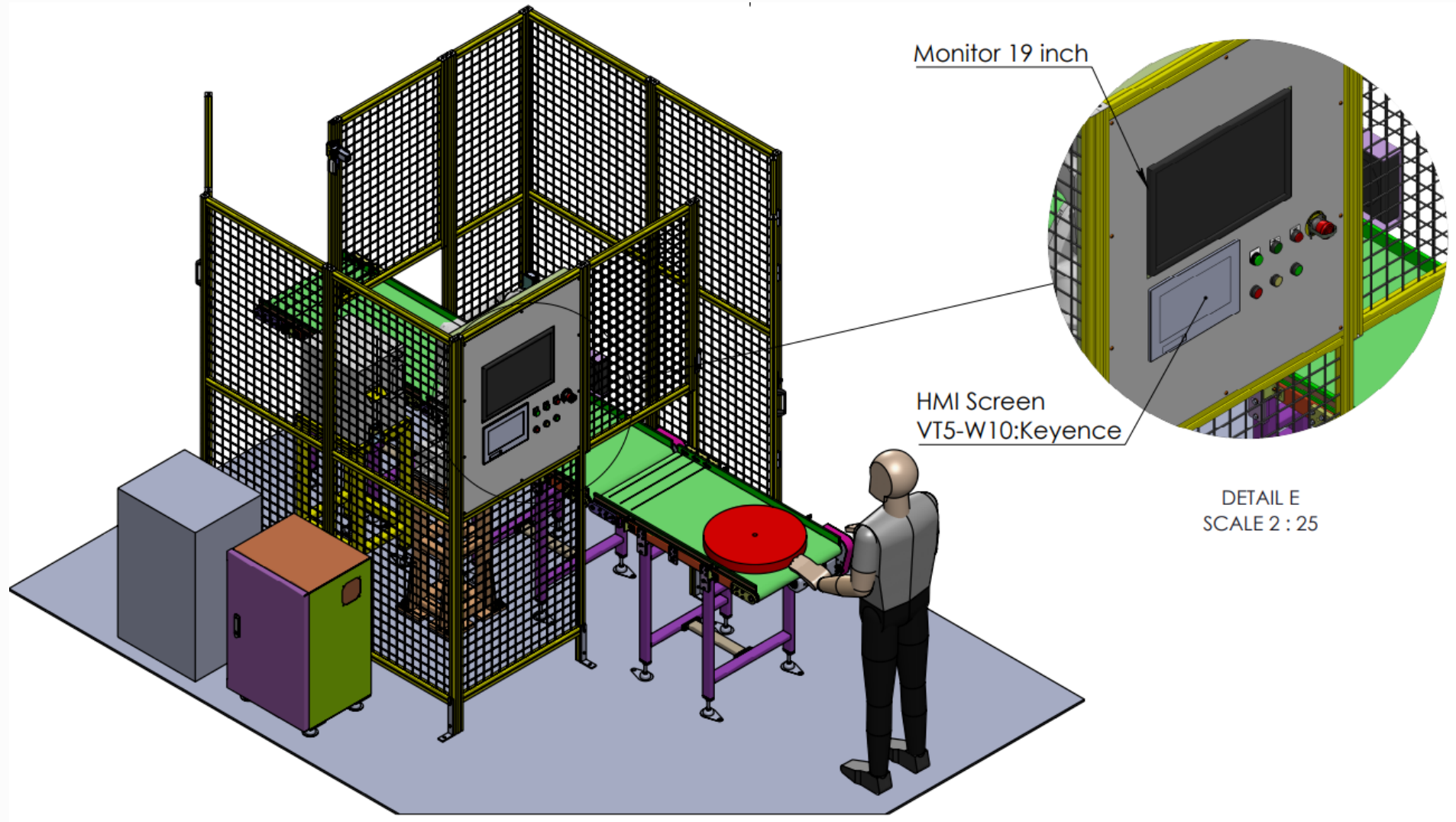
## | Layout machine



# Layout machine



# | Layout machine

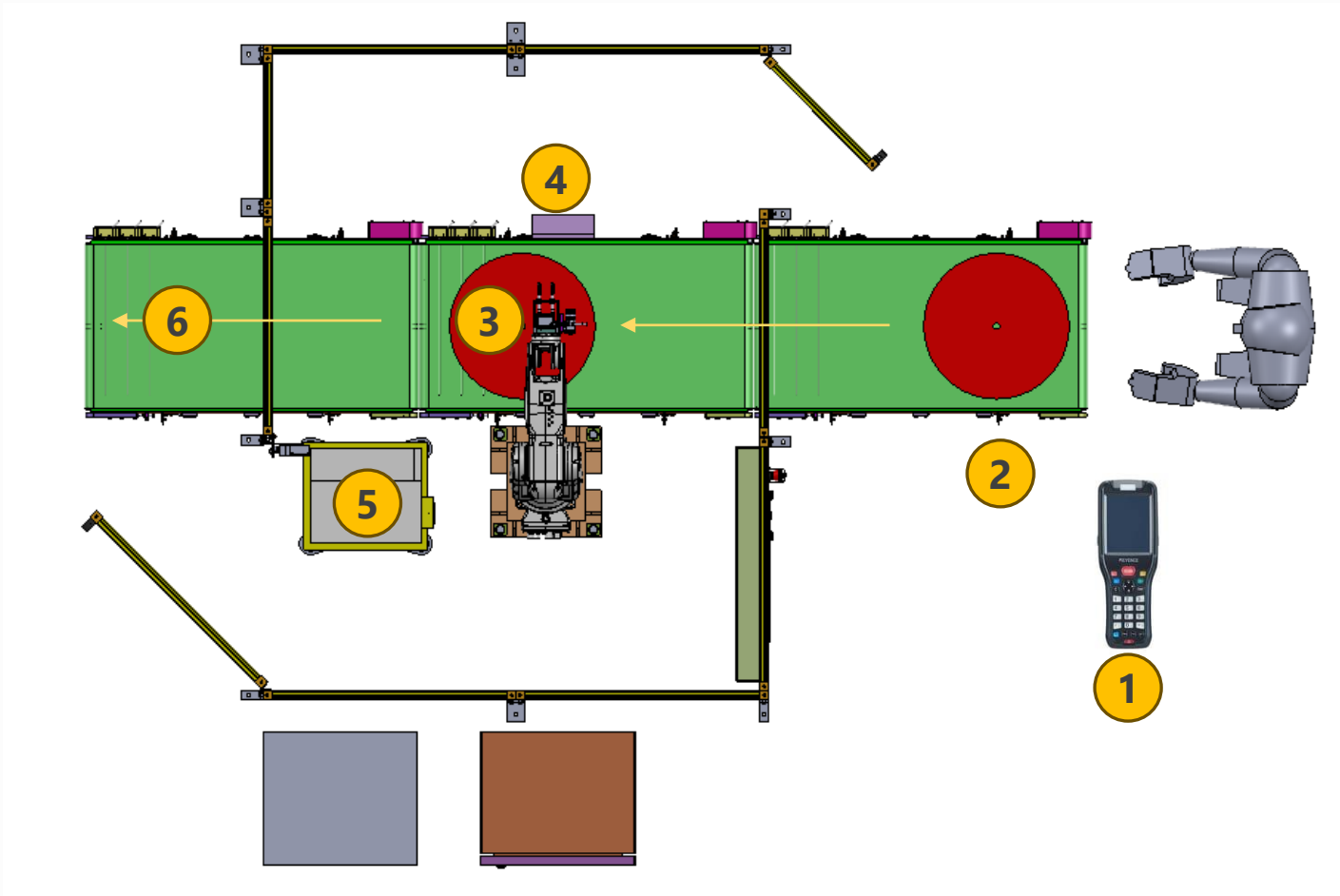




## *Process flow*

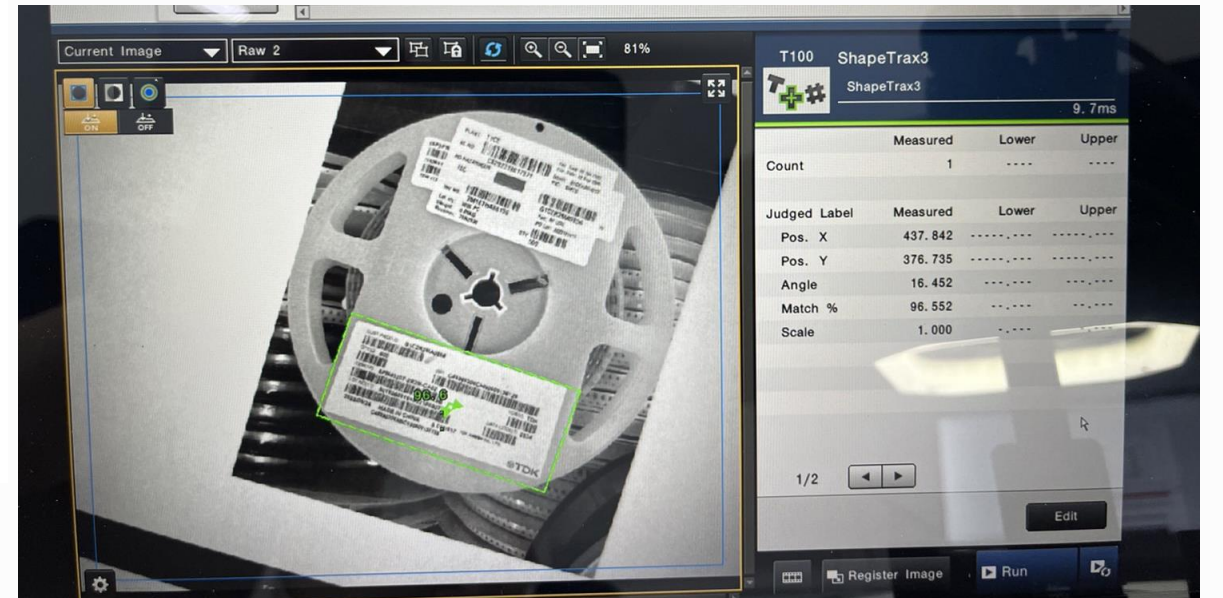
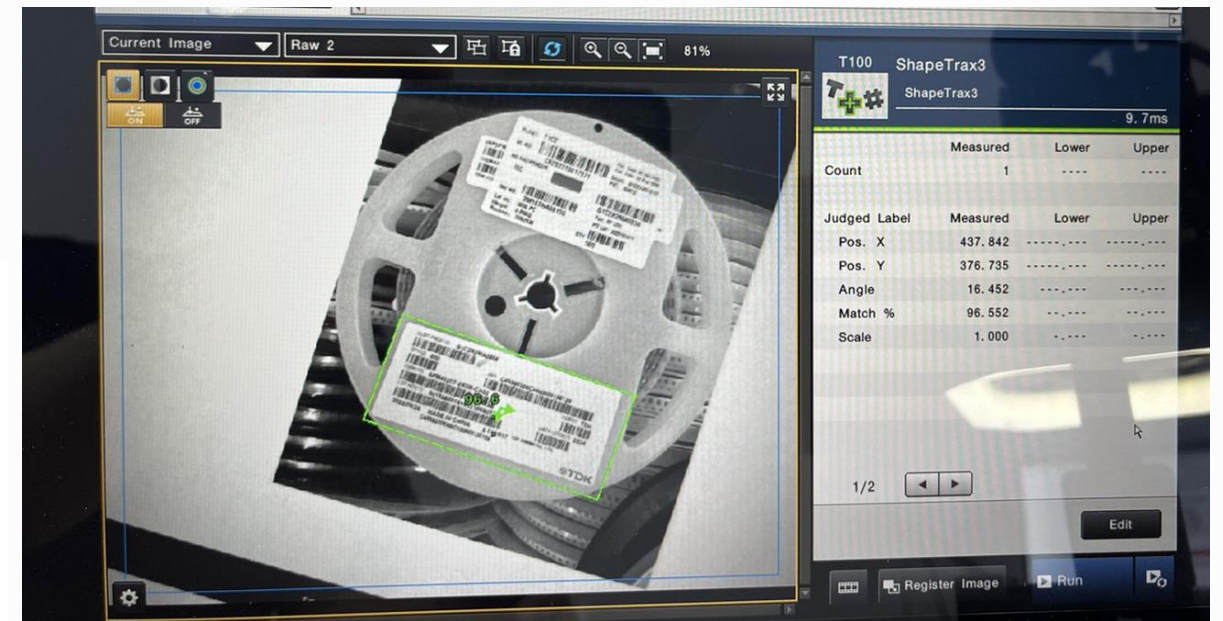
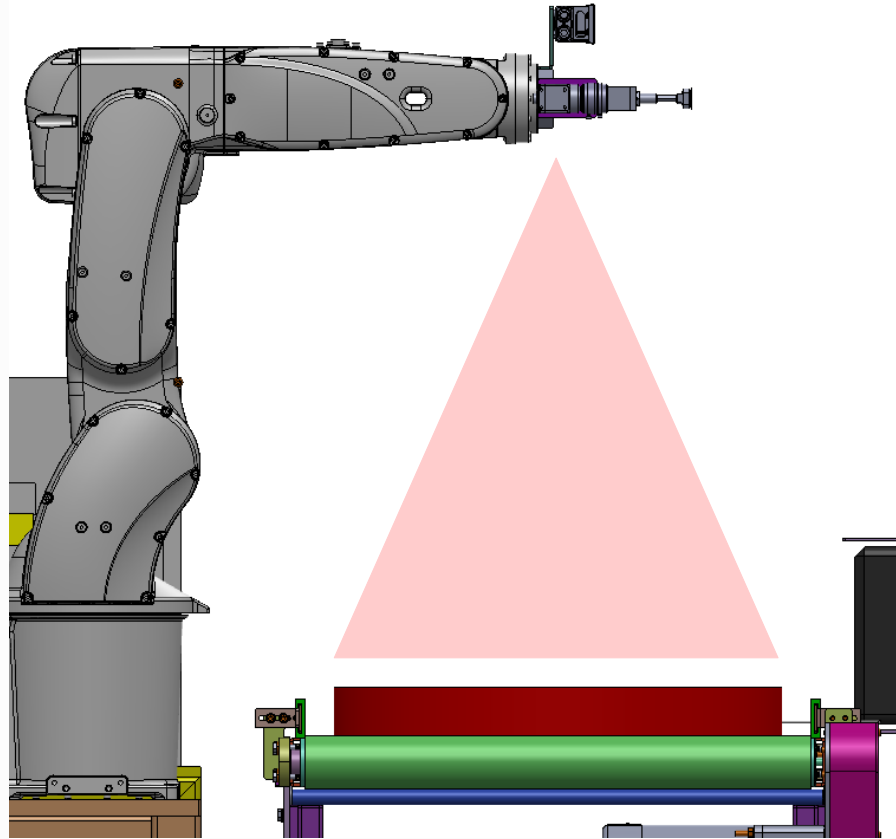
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# | Process flow



1. Use Handy scan at work for select model and send the model to the computer to print labels
2. Place the work piece on the second Conveyor, after which the Conveyor will transport the work piece to the third point.
3. When the workpiece reaches the third position, the robot will use the camera to take pictures to find the current sticker position. and make an offset from the current position to the position to be pasted
4. After the sticker is finished, the robot will lift the Z axis and rotate the SR-Reader to read the information after the sticker is finished. **3**
5. In the case of a model with RFID, information will be written as well. **4**
6. After data confirmation is complete, the workpiece will be sent to the load-out location. **6**

# Process flow



# | Proposals that only we can make

With a wide range of **"Soft" x "Hard" solutions**, which is our strength,  
**We will solve problems in various situations at manufacturing and distribution sites.**



Picking System



Handy terminal System / Tablet System



RFID System



Monitoring / Traceability System

A screenshot of a software interface showing a grid of data for various machines or processes. The interface includes a title bar 'M/C Status' and a timestamp '11:10'. The grid contains columns for 'LINE', 'MACHINE', 'STATUS', and 'VALUE'. The status is indicated by color-coded cells: green for 'RUN', red for 'STOP', and yellow for 'WAIT'. The values are numerical, representing various metrics like 'COUNT' or 'TIME'.

| LINE  | MACHINE   | STATUS | VALUE |
|-------|-----------|--------|-------|
| LINE1 | MACHINE1  | RUN    | 100   |
| LINE1 | MACHINE2  | RUN    | 200   |
| LINE1 | MACHINE3  | RUN    | 300   |
| LINE1 | MACHINE4  | RUN    | 400   |
| LINE1 | MACHINE5  | RUN    | 500   |
| LINE1 | MACHINE6  | RUN    | 600   |
| LINE1 | MACHINE7  | RUN    | 700   |
| LINE1 | MACHINE8  | RUN    | 800   |
| LINE1 | MACHINE9  | RUN    | 900   |
| LINE1 | MACHINE10 | RUN    | 1000  |
| LINE2 | MACHINE1  | RUN    | 1100  |
| LINE2 | MACHINE2  | RUN    | 1200  |
| LINE2 | MACHINE3  | RUN    | 1300  |
| LINE2 | MACHINE4  | RUN    | 1400  |
| LINE2 | MACHINE5  | RUN    | 1500  |
| LINE2 | MACHINE6  | RUN    | 1600  |
| LINE2 | MACHINE7  | RUN    | 1700  |
| LINE2 | MACHINE8  | RUN    | 1800  |
| LINE2 | MACHINE9  | RUN    | 1900  |
| LINE2 | MACHINE10 | RUN    | 2000  |





# Contact



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