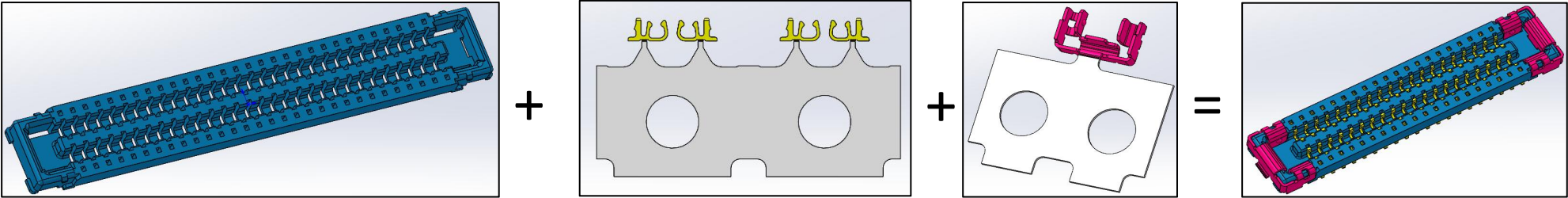


- BTB H0.6 P0.35 Female Connector Pin Insertion Machine
- BTB H0.8 P0.4 Male Connector Post-Insertion Machine
- Automatic Dispensing and Film Laminating Machine

1. BTB H0.6 P0.35 Female Connector Pin Insertion Machine

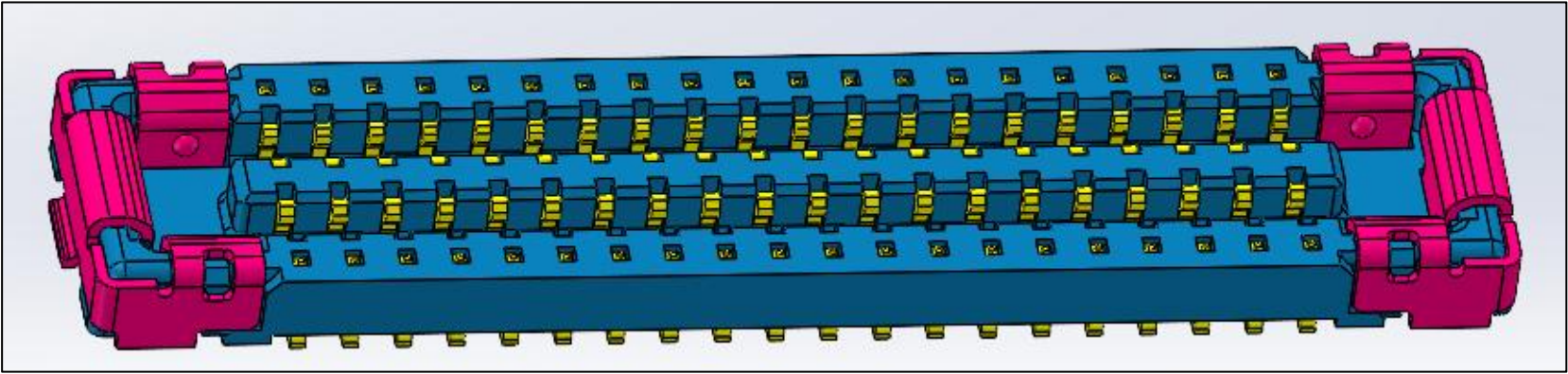
1. Assembly Section



2. Detection Section



Coplanarity Detection



GAP Detection

Equipment Function: Assembling, testing and packaging equipment, ground plate, terminal and rubber core are assembled and tested for their functions and finally packaged to the carrier tape.

1. BTB H0.6 P0.35 Female Connector Pin Insertion Machine

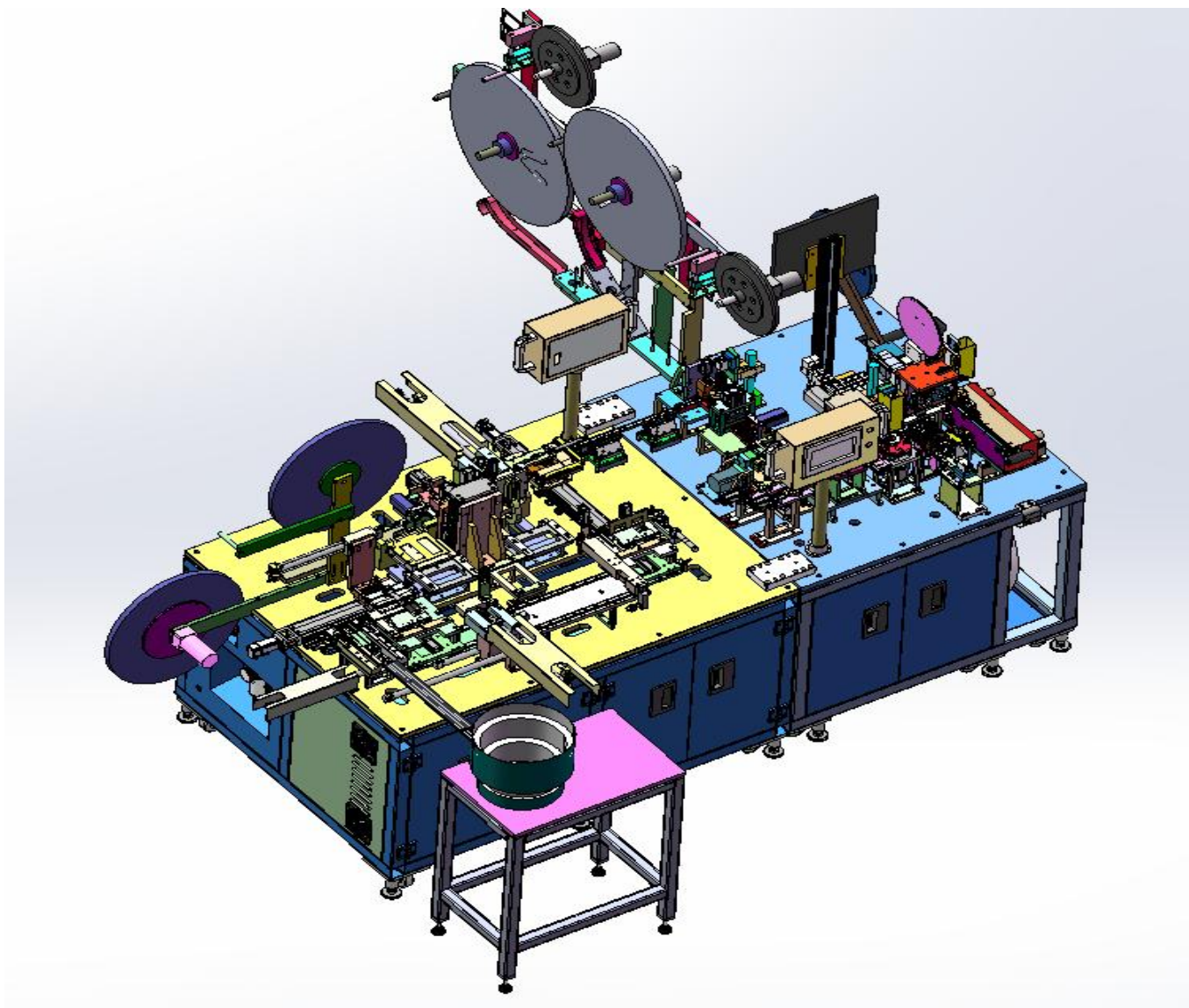
Product Function Introduction:

1. It belongs to the 3C industry, specifically the consumer electronics sector, and is widely used in the mobile phone industry. BTB series connectors (used for connecting mobile phone motherboards, screens, cameras, etc.) are commonly found in domestic brands such as Huawei, Xiaomi, Oppo, Vivo, and others.
2. The product offers a wide range of options to meet the needs of both high-end and low-end mobile phones.

Equipment Function Introduction:

1. It can complete the assembly of adhesive core (main body) + terminals+post-insertion parts (see details in the previous page graphic introduction), and perform functional testing, rejection of defective products, and packaging of good products. Each tray contains 5000pcs of good products.
2. The machine is suitable for producing products with multiple PINs, with quick and convenient replacement.
3. Compared to traditional manual operations, this equipment has a high production capacity, fast efficiency, and stable performance of a CCD visual inspection system, eliminating the occurrence of defective products caused by human fatigue, mistakes, etc.

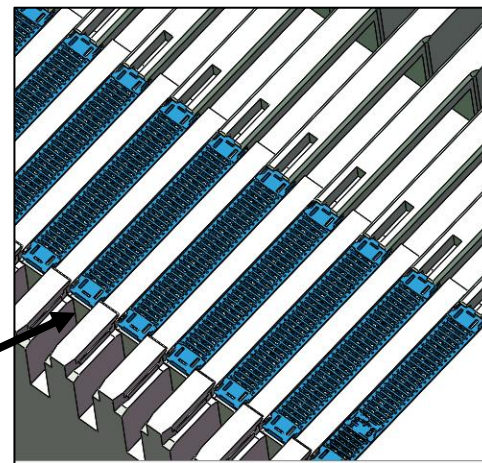
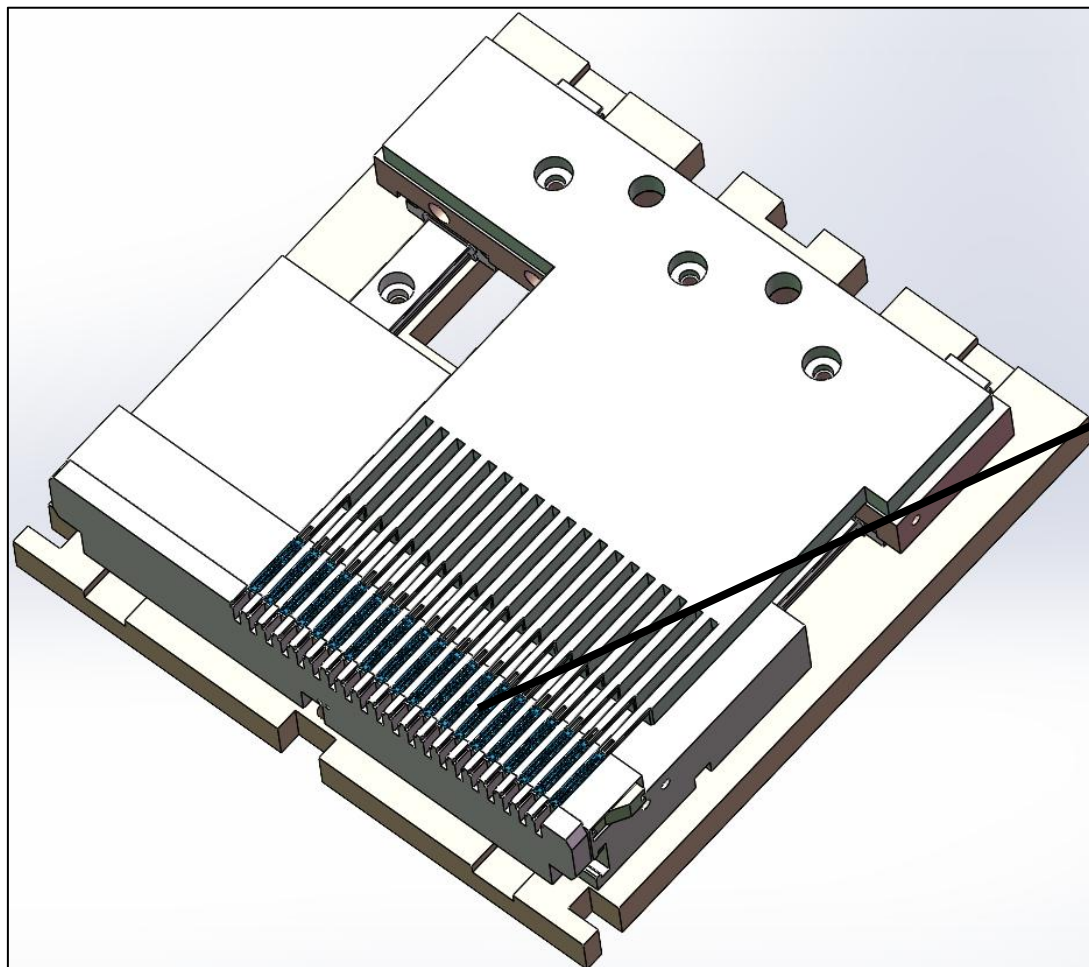
1. BTB H0.6 P0.35 Female Connector Pin Insertion Machine



1. The design period is 45 days, manufacturing and commissioning is 75 days.
2. UPH=35K/shift (40PIN).

1. BTB H0.6 P0.35 Female Connector Pin Insertion Machine

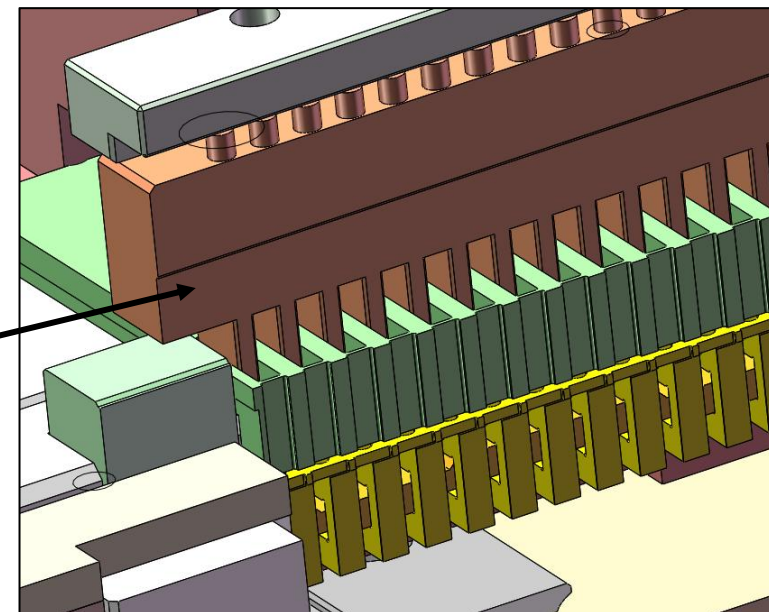
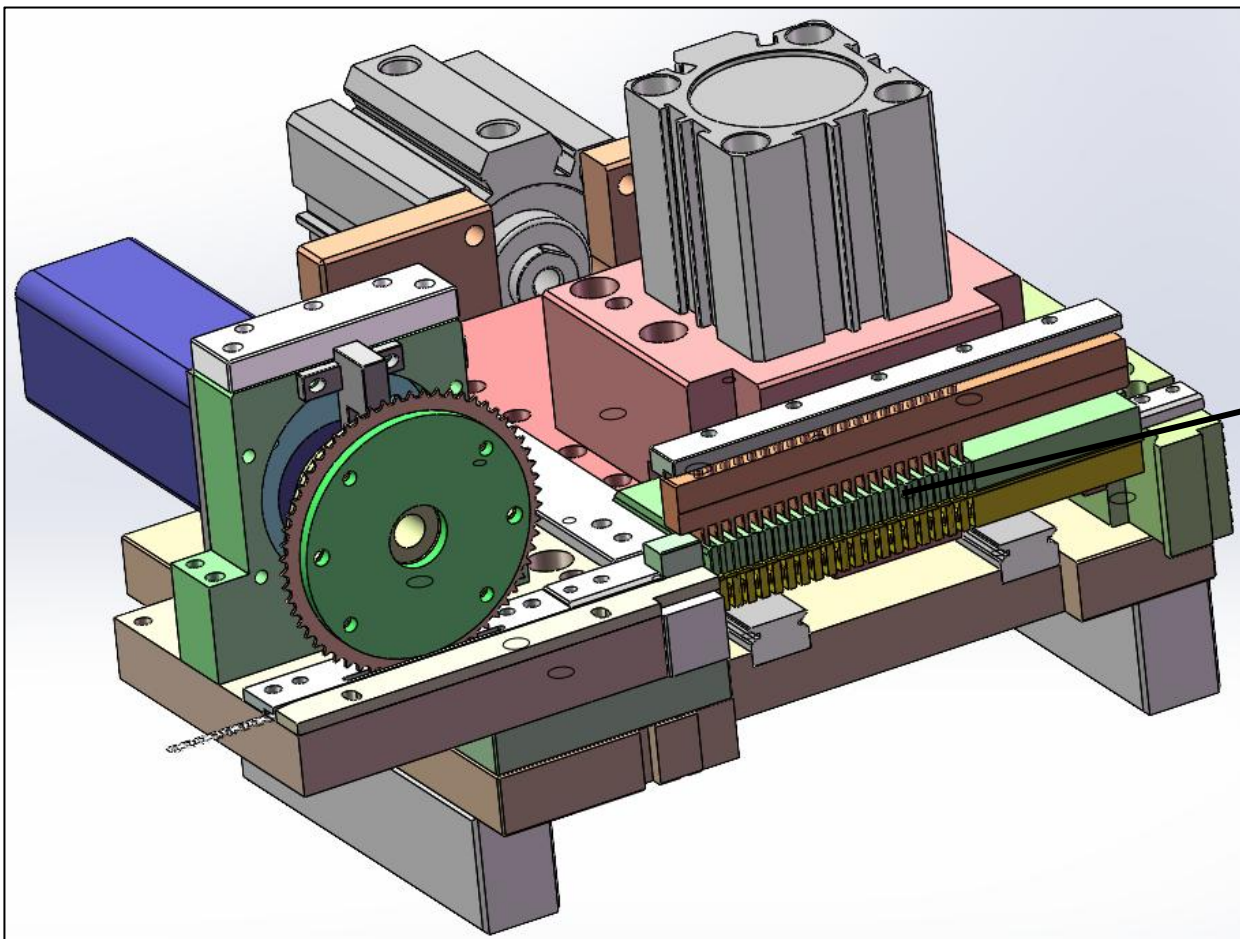
1. Carrier



Function: Arrange the plastic (main body) uniformly and orderly, that is, the main body positioning.

1. BTB H0.6 P0.35 Female Connector Pin Insertion Machine

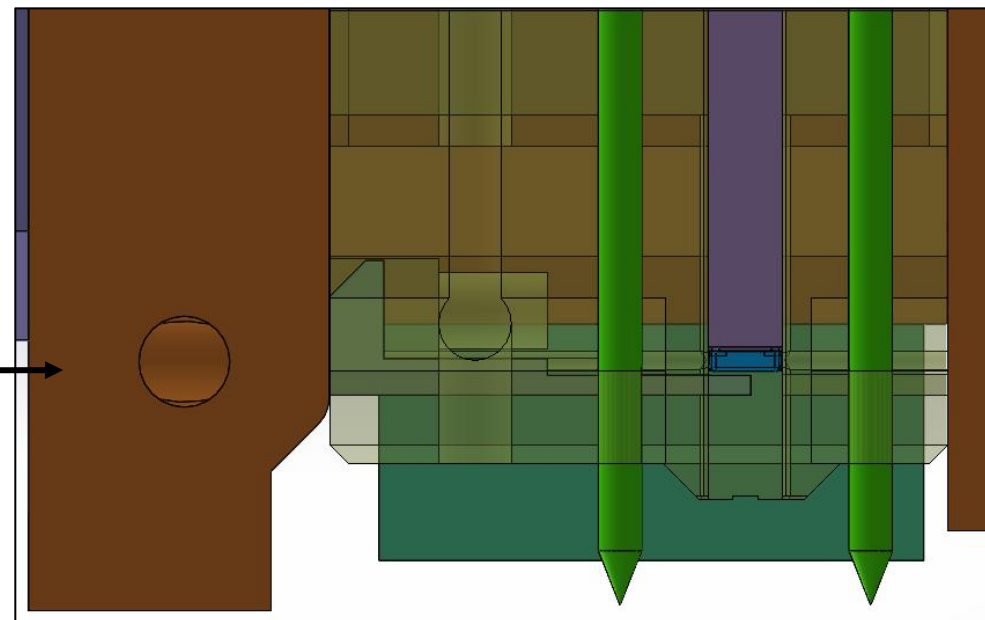
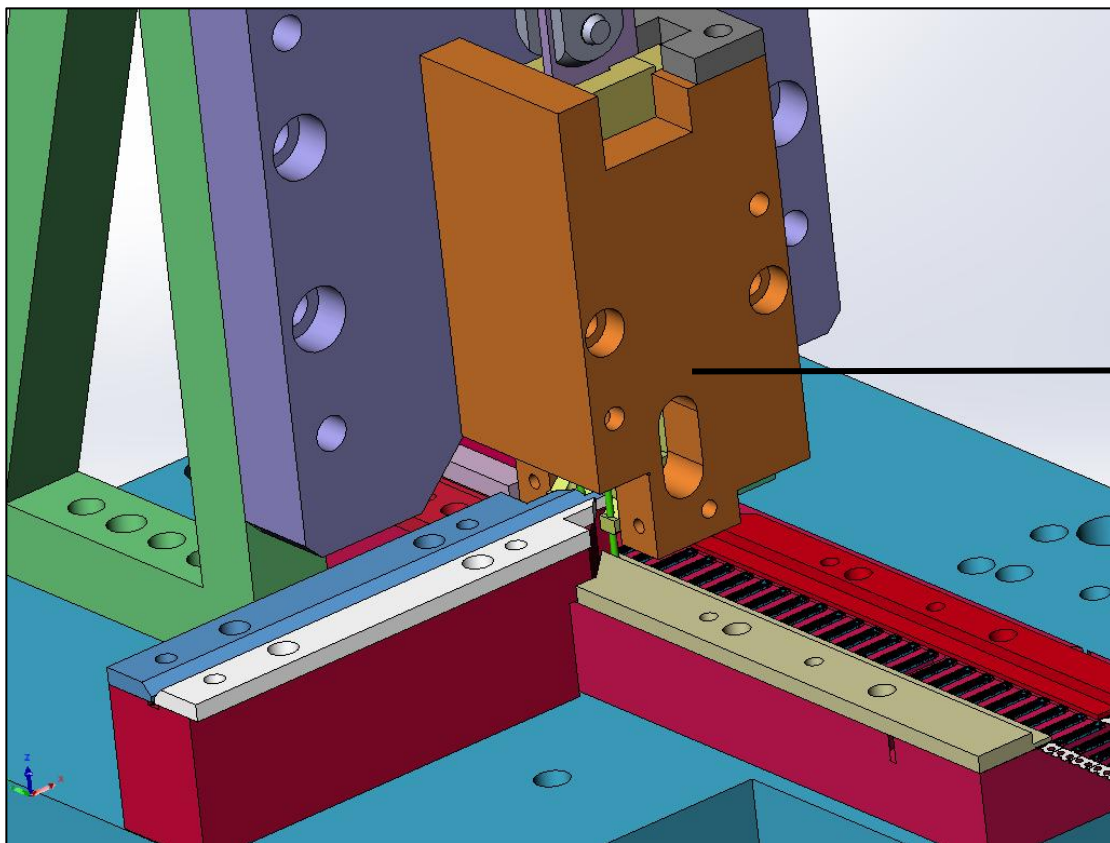
2. Insertion Mechanism



Function: Pin Insertion Module, inserts semi-finished products (terminals) into the main body, meeting product functionality and dimensional requirements with an accuracy of within 0.02mm.

1. BTB H0.6 P0.35 Female Connector Pin Insertion Machine

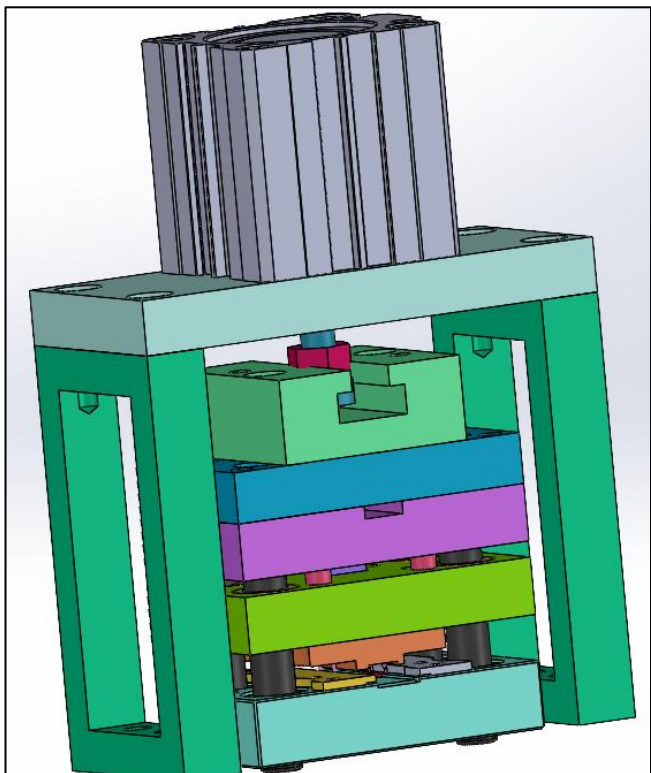
3. Mounting HD Modules



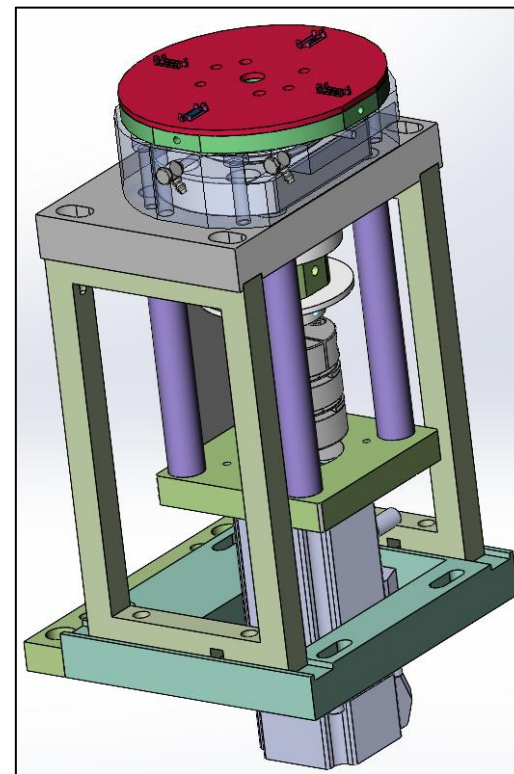
Function: Insert the main product of the assembled terminal into the back shelf to meet the product function and size requirements, and the accuracy is within 0.02mm.

1. BTB H0.6 P0.35 Female Connector Pin Insertion Machine

4. Cutting and Rotating Module



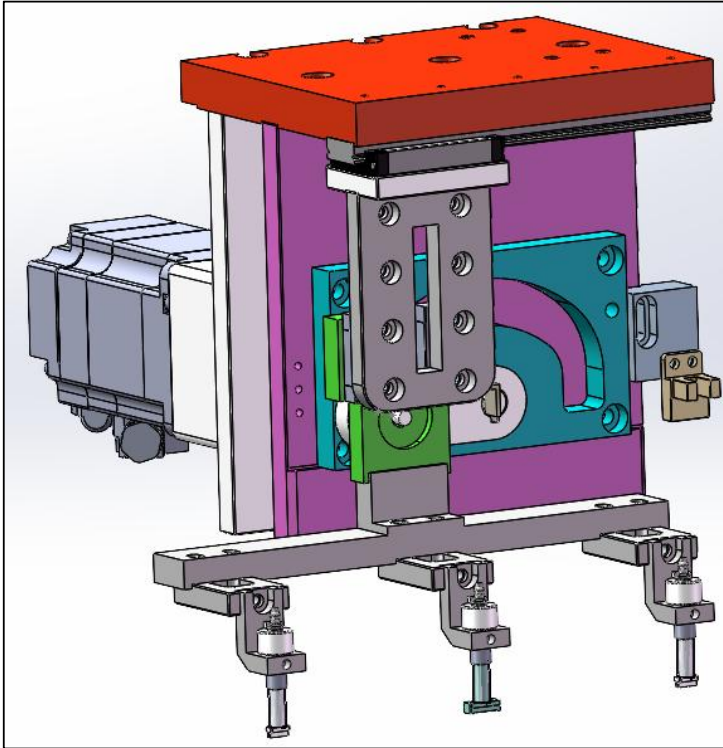
Function: Cutting module, high-precision terminal cutting, punching, riveting, cutting can be completed by motor, fast speed and good stability.



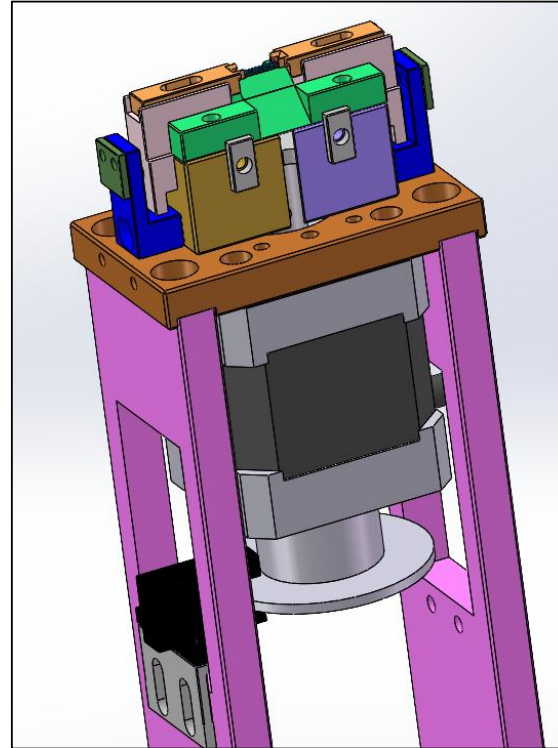
Function: 4-station rotary module, complete product direction change and multi-station work, high precision, fast speed, suitable for small space and environment with direction change requirements.

1. BTB H0.6 P0.35 Female Connector Pin Insertion Machine

5. Handling and Clamping Correction Module



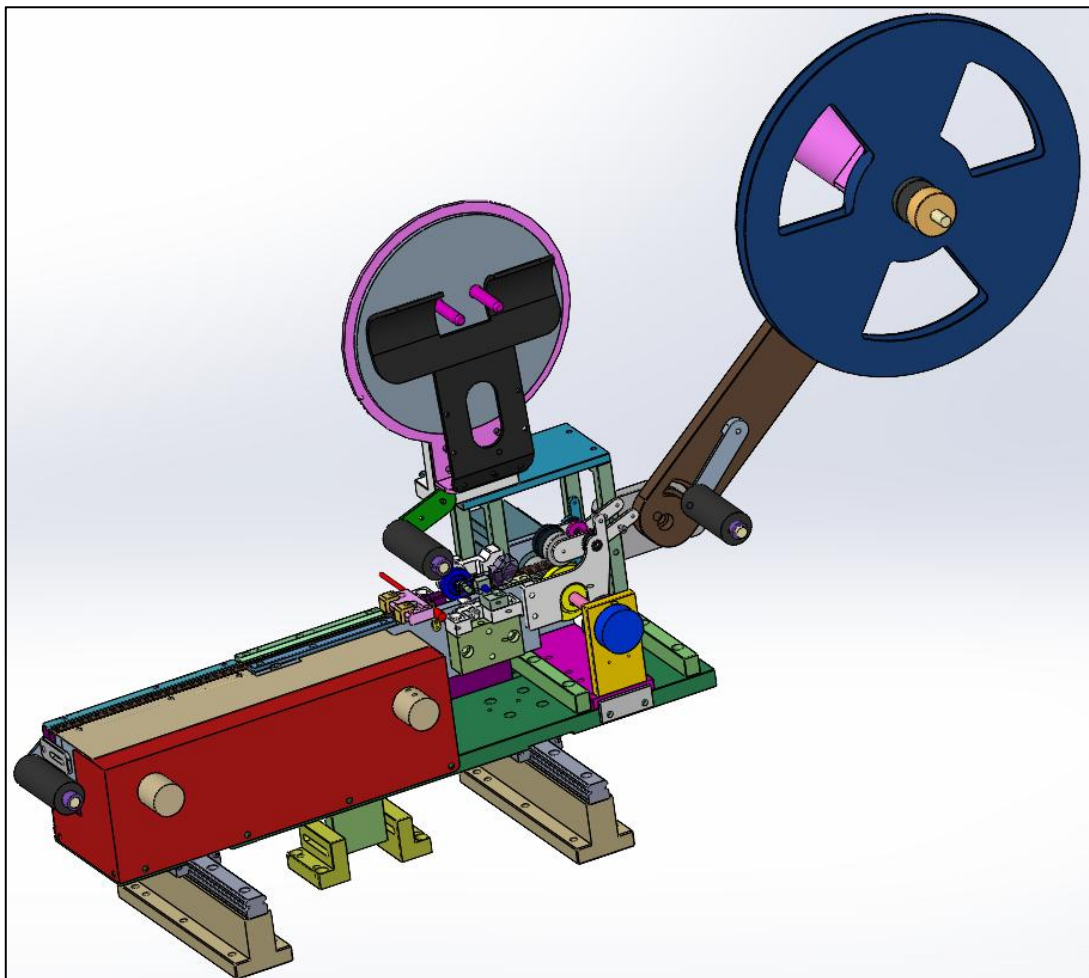
Function: Handling module, small size, fast speed, high stability, can be used as an independent handling module, suitable for many occasions.



Function: Clamping and correcting module, this mechanism can be used for positioning of the mechanism with poor repeat positioning accuracy.

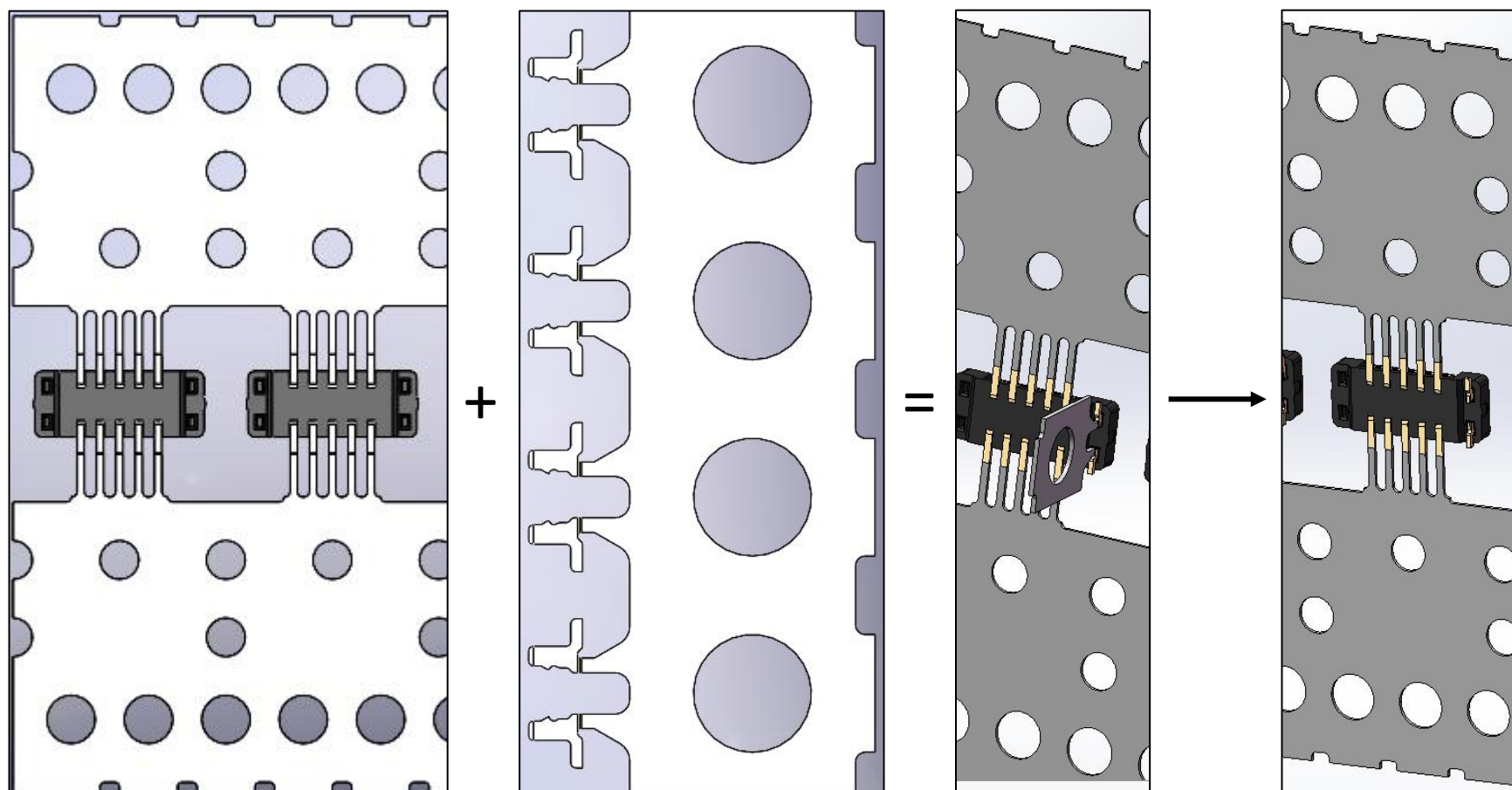
1. BTB H0.6 P0.35 Female Connector Pin Insertion Machine

6. Sealing Module



Function: Heat sealing module, can be used with automatic machine or manual semi-automatic use.

2. BTB H0.8 P0.4 Male Connector Post-Insertion Machine



2. BTB H0.8 P0.4 Male Connector Post-Insertion Machine

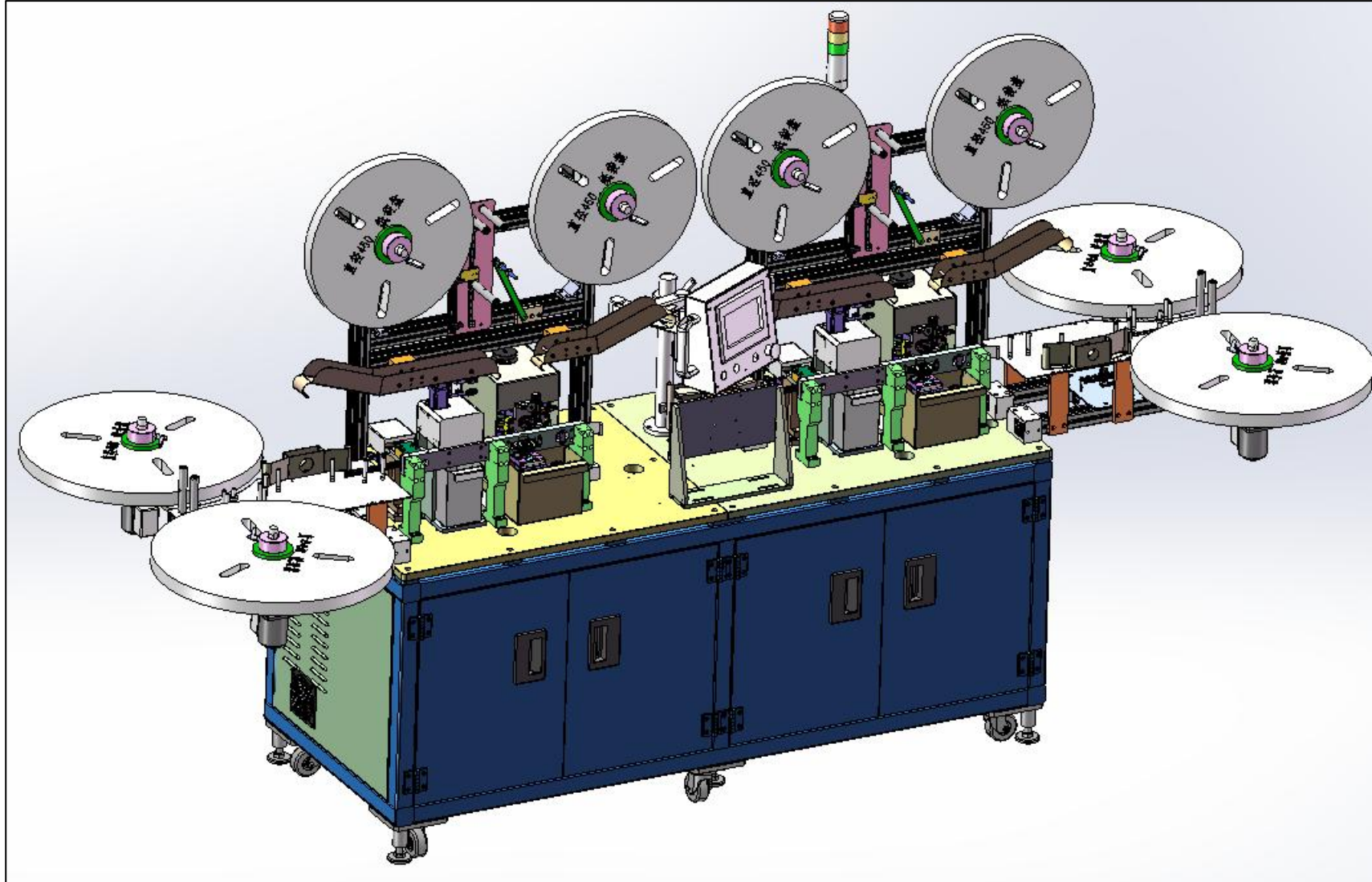
Product Function Introduction:

1. It belongs to the 3C industry, specifically the consumer electronics sector, and is widely used in the mobile phone industry. BTB series connectors (used for connecting mobile phone motherboards, screens, cameras, etc.) are commonly found in domestic brands such as Huawei, Xiaomi, Oppo, Vivo, and others.
2. The product offers a wide range of options to meet the needs of both high-end and low-end mobile phones.

Equipment Function Introduction:

1. It can complete the assembly of the adhesive core (main body) and post-insertion parts (see details in the previous page graphic introduction).
2. The machine is suitable for producing products with multiple pin numbers, with quick and convenient replacement.
3. Compared to traditional manual operations, this equipment has high production capacity, fast efficiency, and good product consistency.

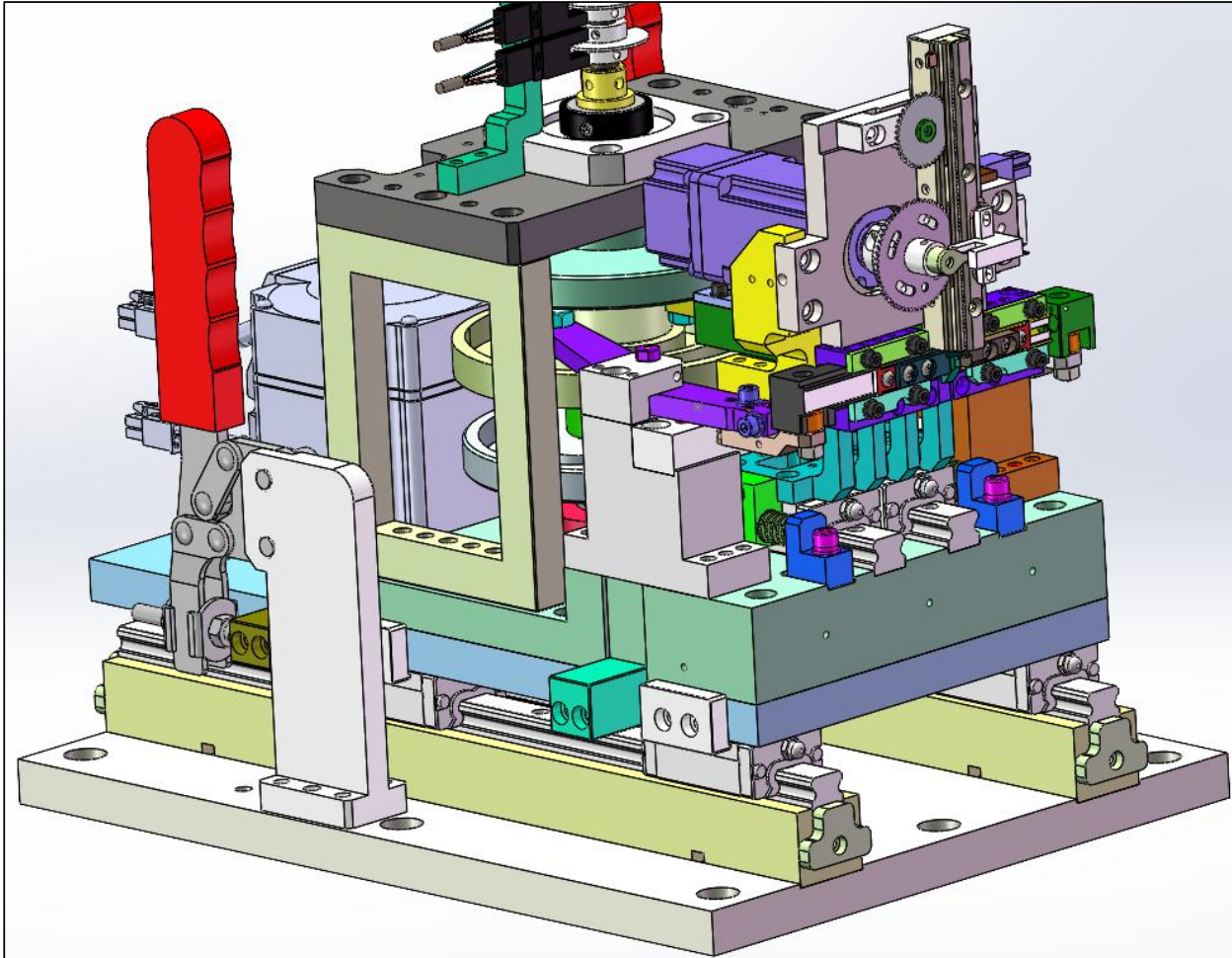
2. BTB H0.8 P0.4 Male Connector Post-Insertion Machine



1. The design period is 35 days, manufacturing and commissioning is 60 days.
2. UPH=63K/shift.

2. BTB H0.8 P0.4 Male Connector Post-Insertion Machine

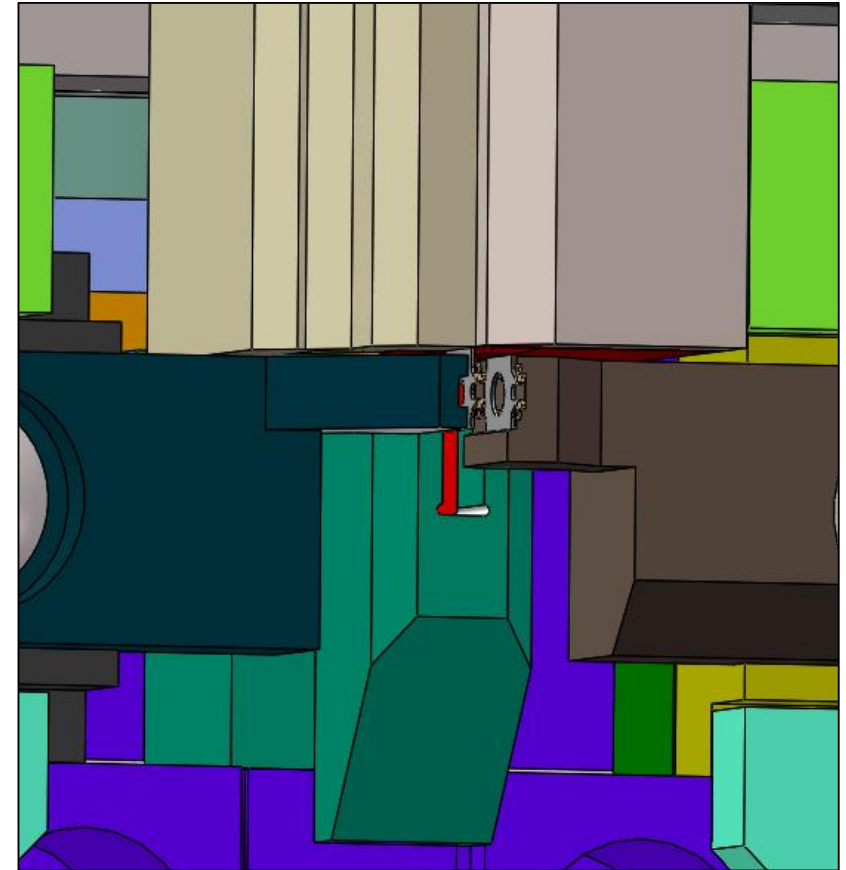
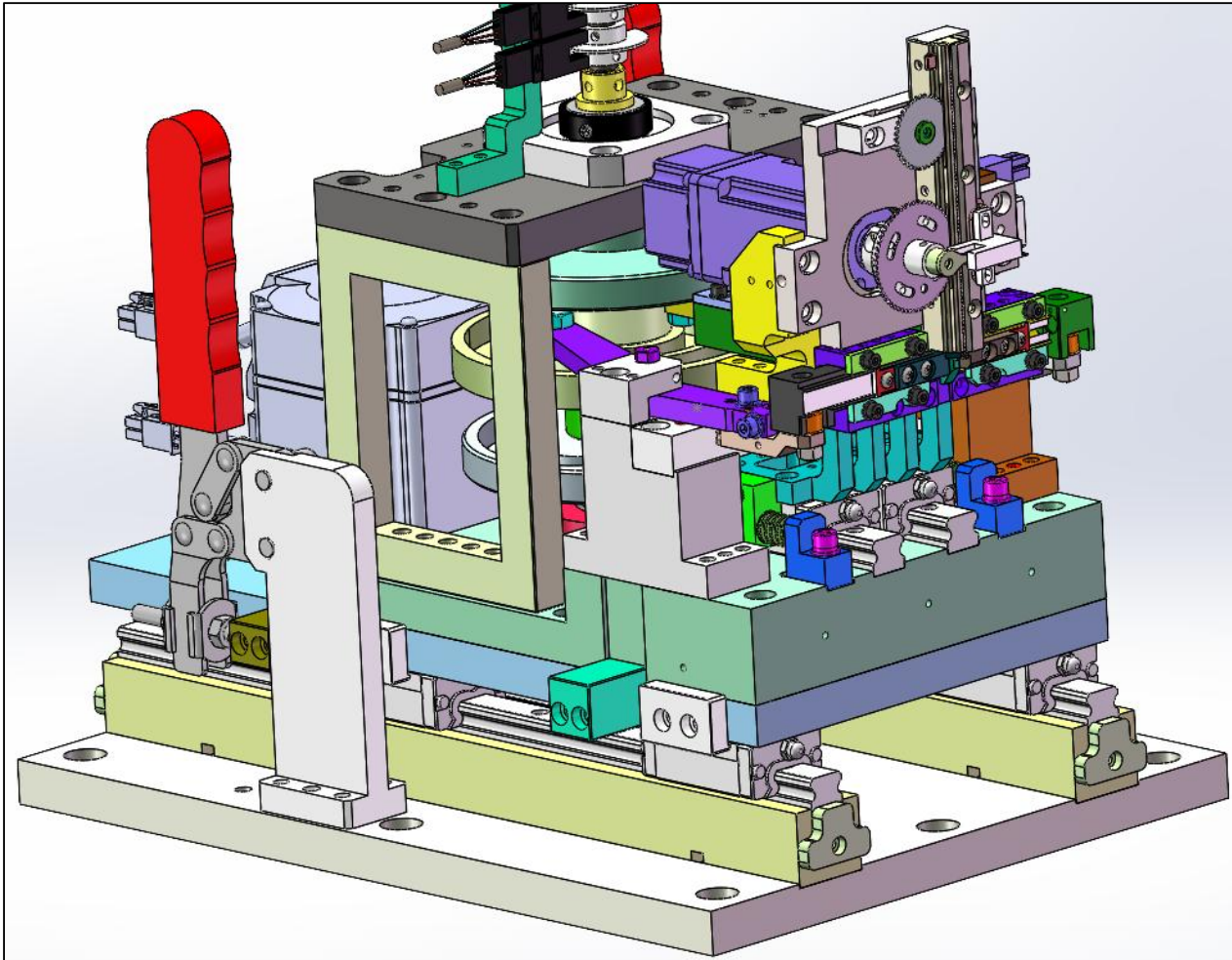
1. Cam Pin Module



Function: Cam pin insertion head, suitable for single insertion of terminals and rear gear, widely used in 3C, connector and other industries.

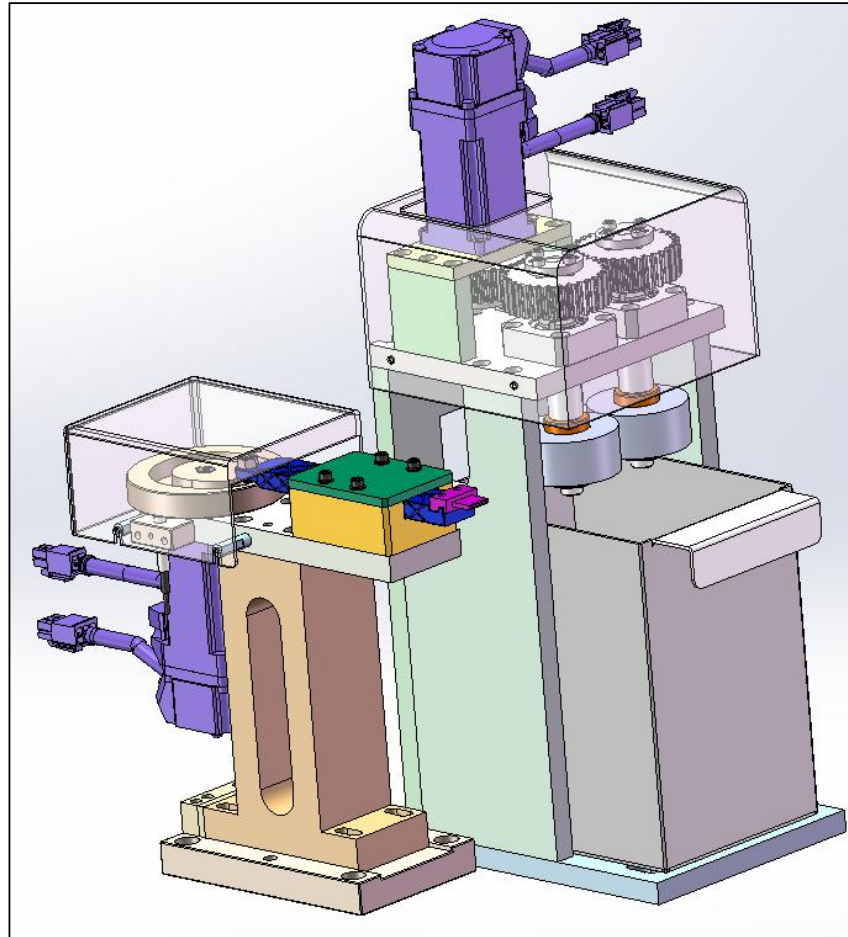
2. BTB H0.8 P0.4 Male Connector Post-Insertion Machine

1. Cam Pin Module

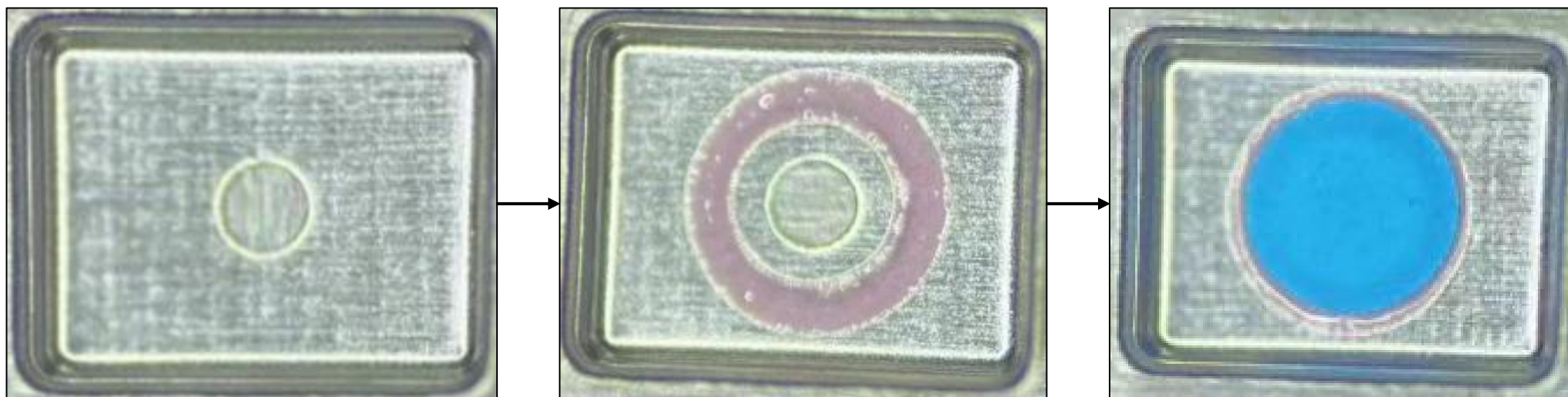


2. BTB H0.8 P0.4 Male Connector Post-Insertion Machine

1. Sweeping Belt and Shaping Module



3. Automatic Dispensing and Film Laminating Machine



Iron Shell

Dispensing

Film

3. Automatic Dispensing and Film Laminating Machine

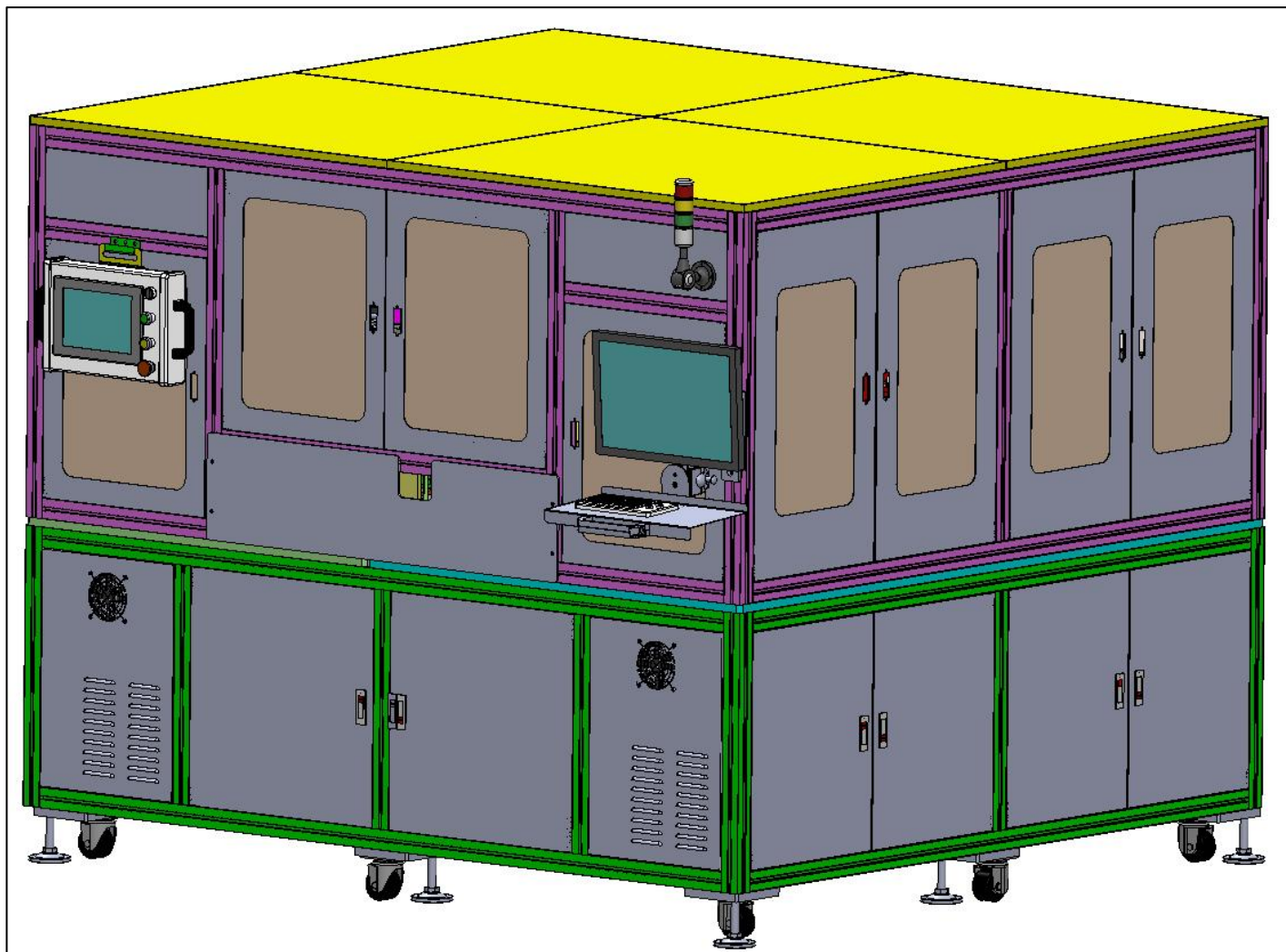
Product Function Introduction:

1. It belongs to the 3C industry - consumer electronics, which is widely used in the mobile phone industry, and the film it is attached to is a waterproof and breathable film.
2. There are many types of products.

Equipment Function Introduction:

1. The vibration plate orderly discharge of materials, the manipulator to the 8-point indexing plate, vehicle floating positioning, visual guidance positioning, dispensing, glue position detection, cutting waterproof blue film, 3-axis manipulator film, gantry mechanical hand material and automatic plate.
2. The machine is suitable for the production of a variety of products, quick and convenient replacement.
3. Compared with the traditional manual operation, this equipment has high production capacity, fast efficiency, CCD visual detection system stable performance, to eliminate manual fatigue, error caused by bad outflow.
4. Material taking manipulator, cutting module, gantry manipulator, automatic disk changer, etc. can be used as non-standard module, independently disassembled to sell.

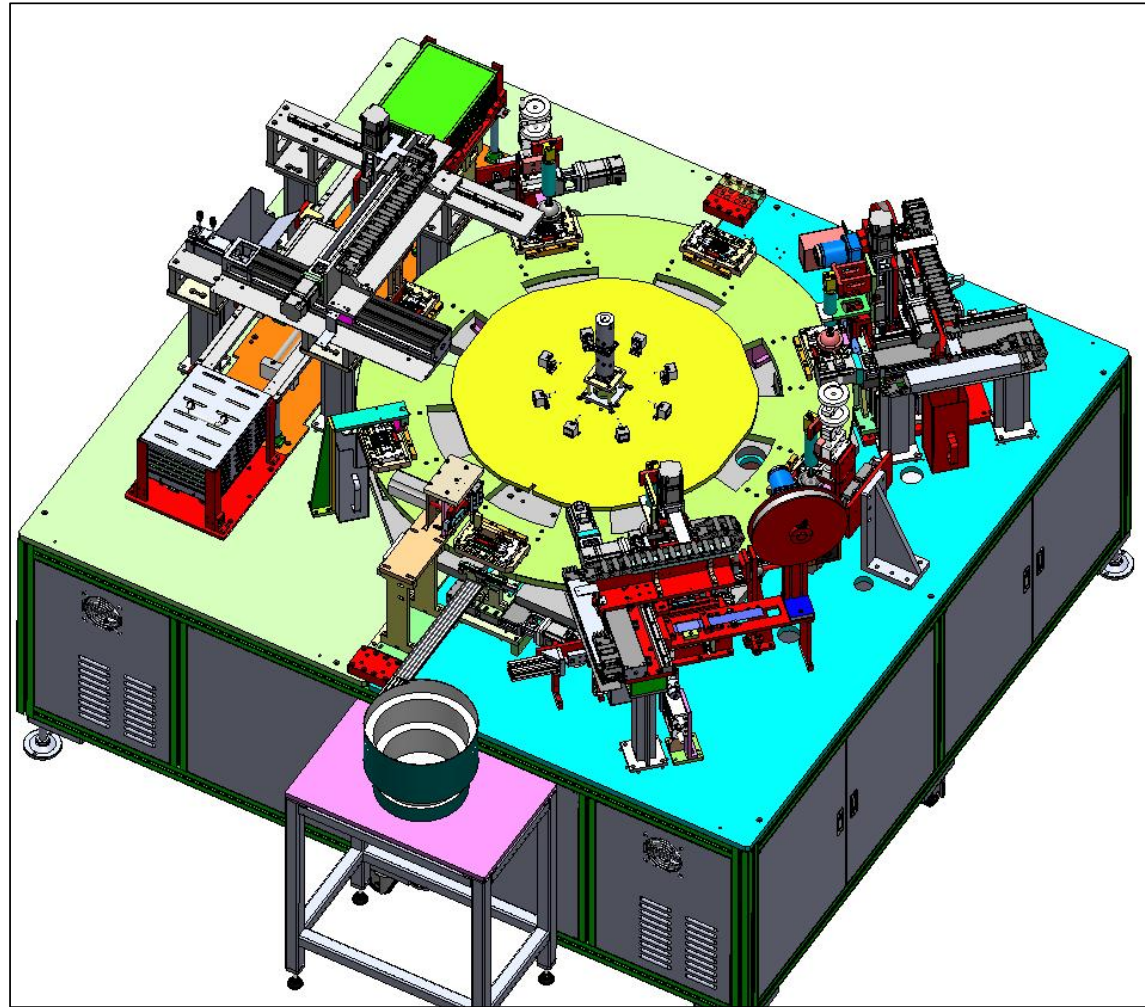
3. Automatic Dispensing and Film Laminating Machine



1. The design time is 45 days, the processing is 25 days, and the assembly and debugging is 70 days, a total of 140 days.

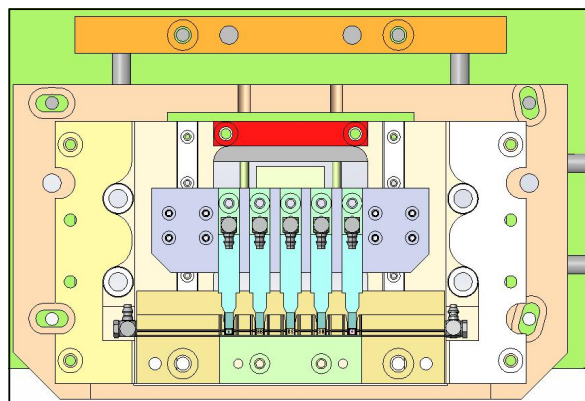
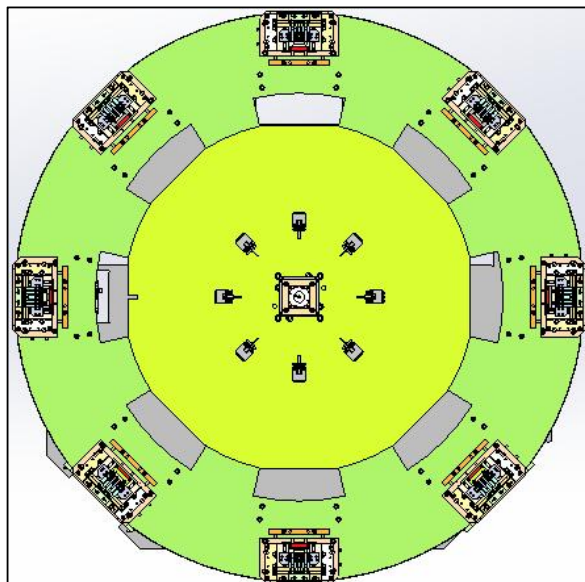
2. Length x Width x Height: 2.2m x 2m x 1.8m

3. Automatic Dispensing and Film Laminating Machine



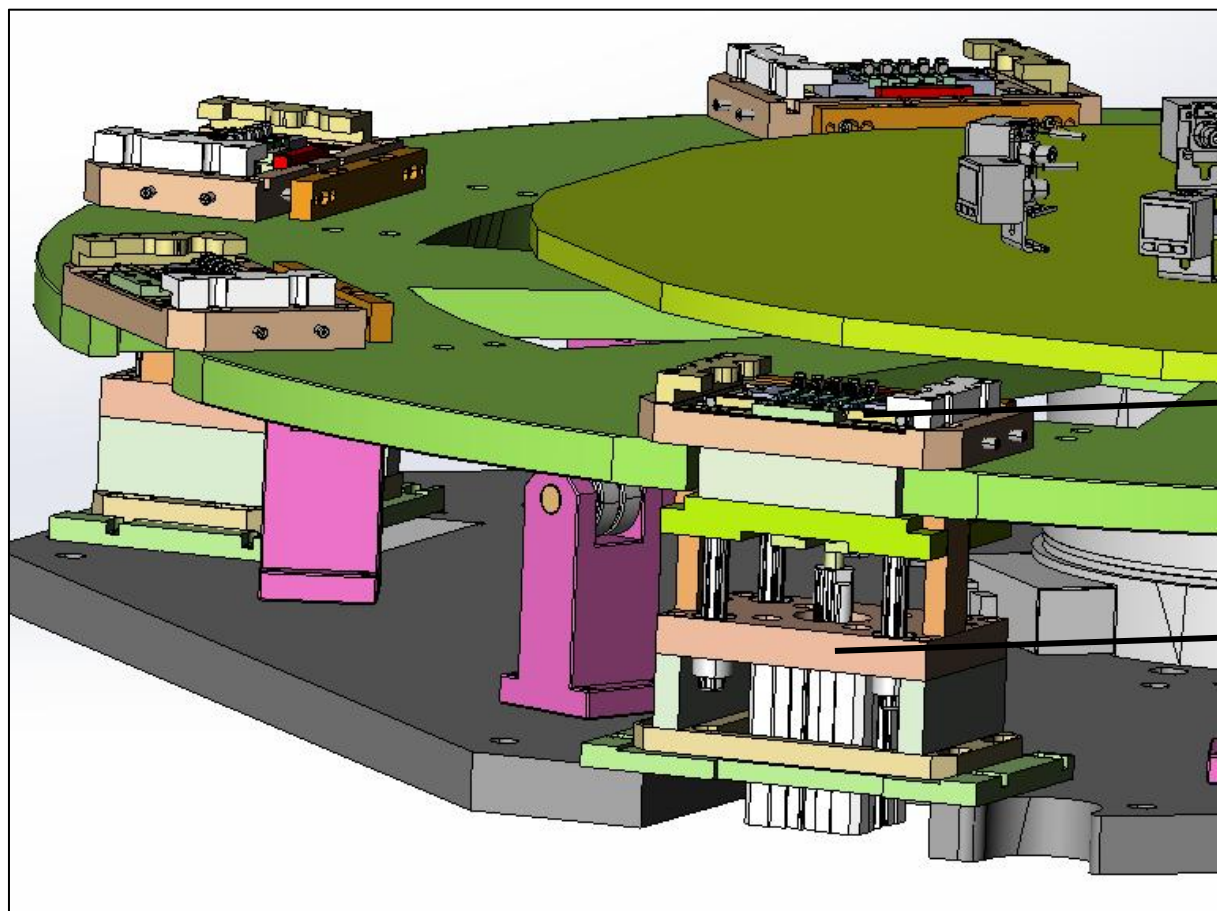
3. Automatic Dispensing and Film Laminating Machine

1. Turntable and Floating Positioning Module



3. Automatic Dispensing and Film Laminating Machine

1. Turntable and Floating Positioning Module

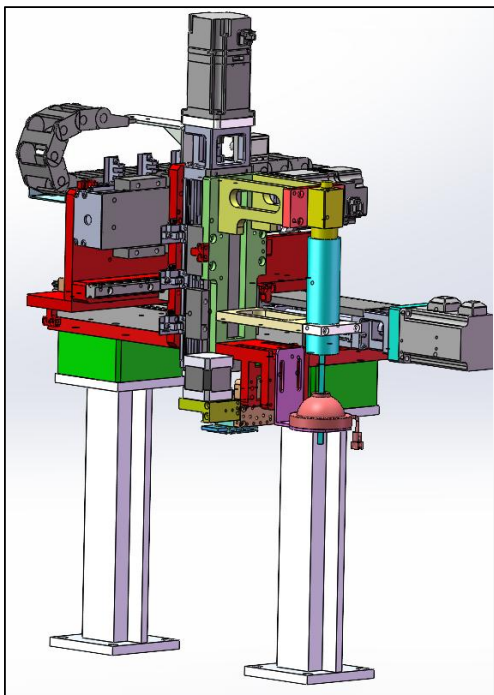


The carrier can float, and the positioning accuracy is high.

Top Lift

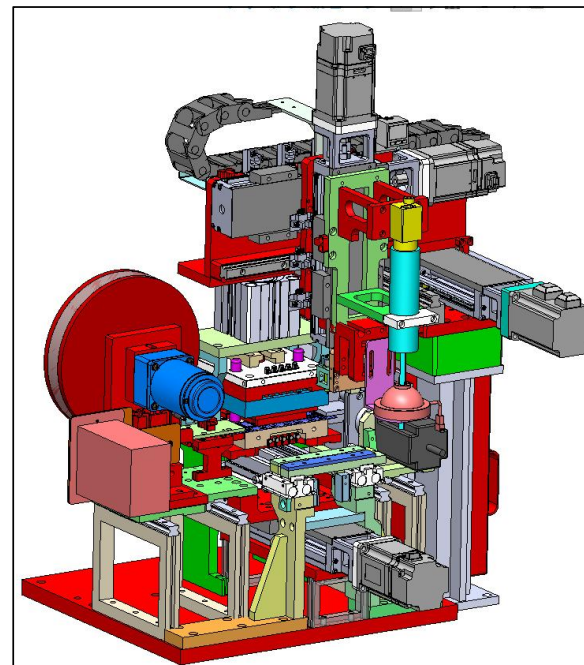
3. Automatic Dispensing and Film Laminating Machine

2. Dispensing Module



Self-made 4-axis module, complete the dispensing function, fast speed, high precision, with camera positioning system, precise positioning and detection.

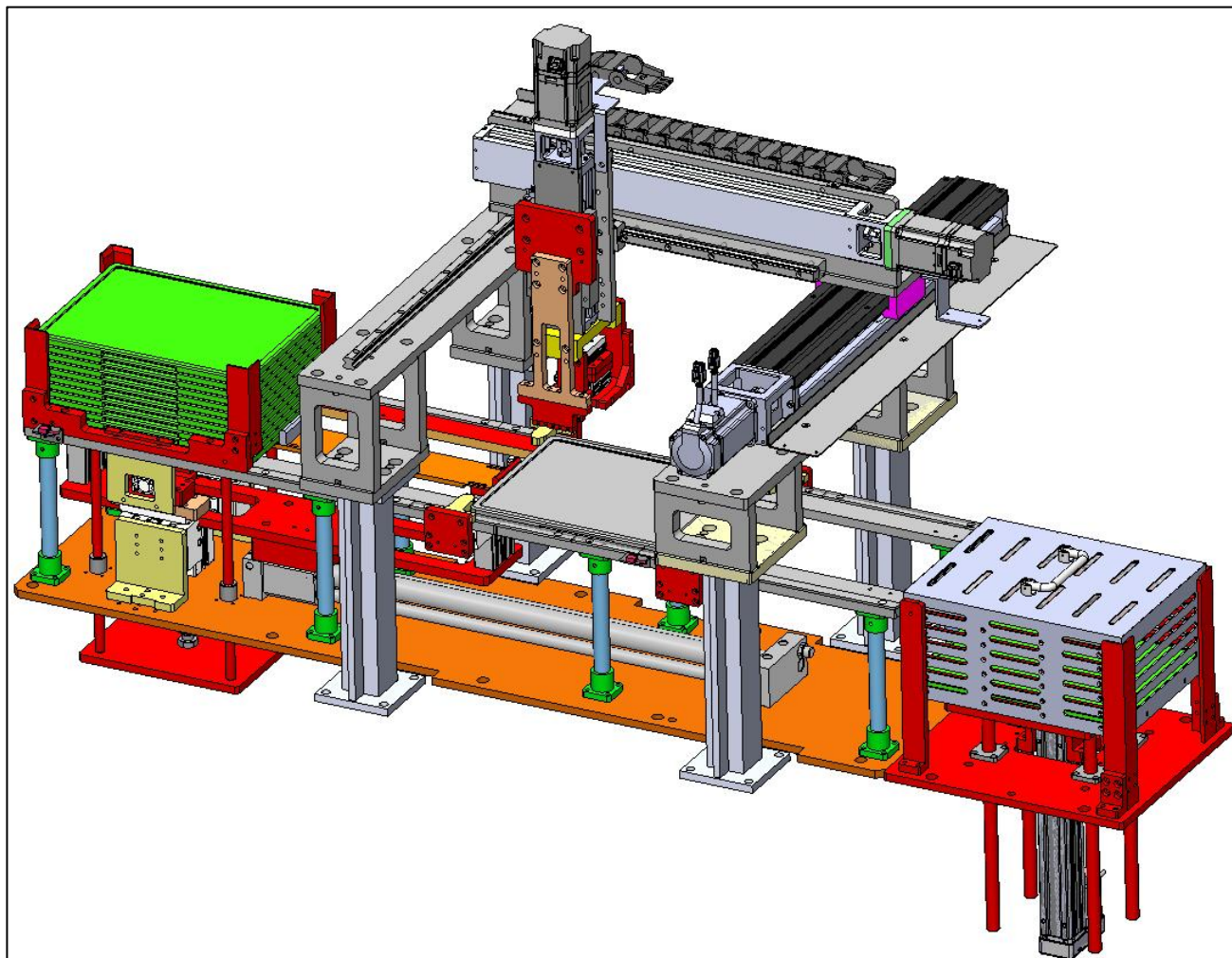
3. Cutting and Filming Module



Self-made 3-axis module, combined with punching die and camera positioning module, has high speed, high precision and wide application.

3. Automatic Dispensing and Film Laminating Machine

4. Cutting and Placing Module



The self-made gantry handling module, combined with the automatic disk changing mechanism, can realize automatic disk changing and save manpower.