

ONLINE HIGH SPEED PICK AND PLACE MACHINE

Original Information Library Function

Stepper+Servo System to Improve Reliability

PPM-C400BS



6

NUMBER OF
PLACEMENT HEADS

0.025 mm

MOUNTING ACCURACY

11000

PLACEMENT SPEED

64 Bit

NUMBER OF FEEDERS

SIX ADVANTAGES



STABLE PERFORMANCE



MOUNTING ACCURACY



PRECISE POSITIONING



ONLINE OPERATION



DURABLE



RUN SMOOTHLY

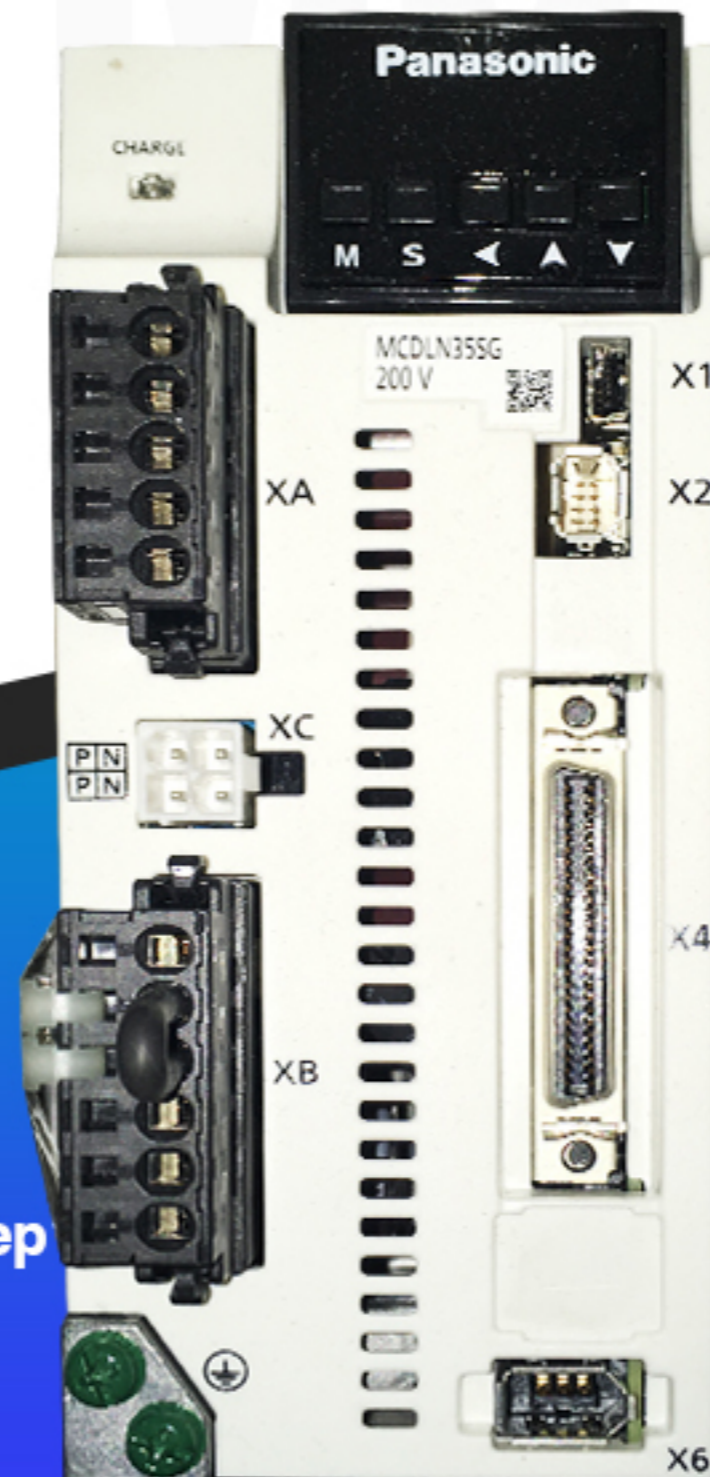
PANASONIC SERVO MOTOR

To Realize High-Precision Positioning
and Smooth Low-Speed Operation,
Reduce Errors and Make Positioning
More Stable.

**Error
Reduction**

**Positioning
Stability**

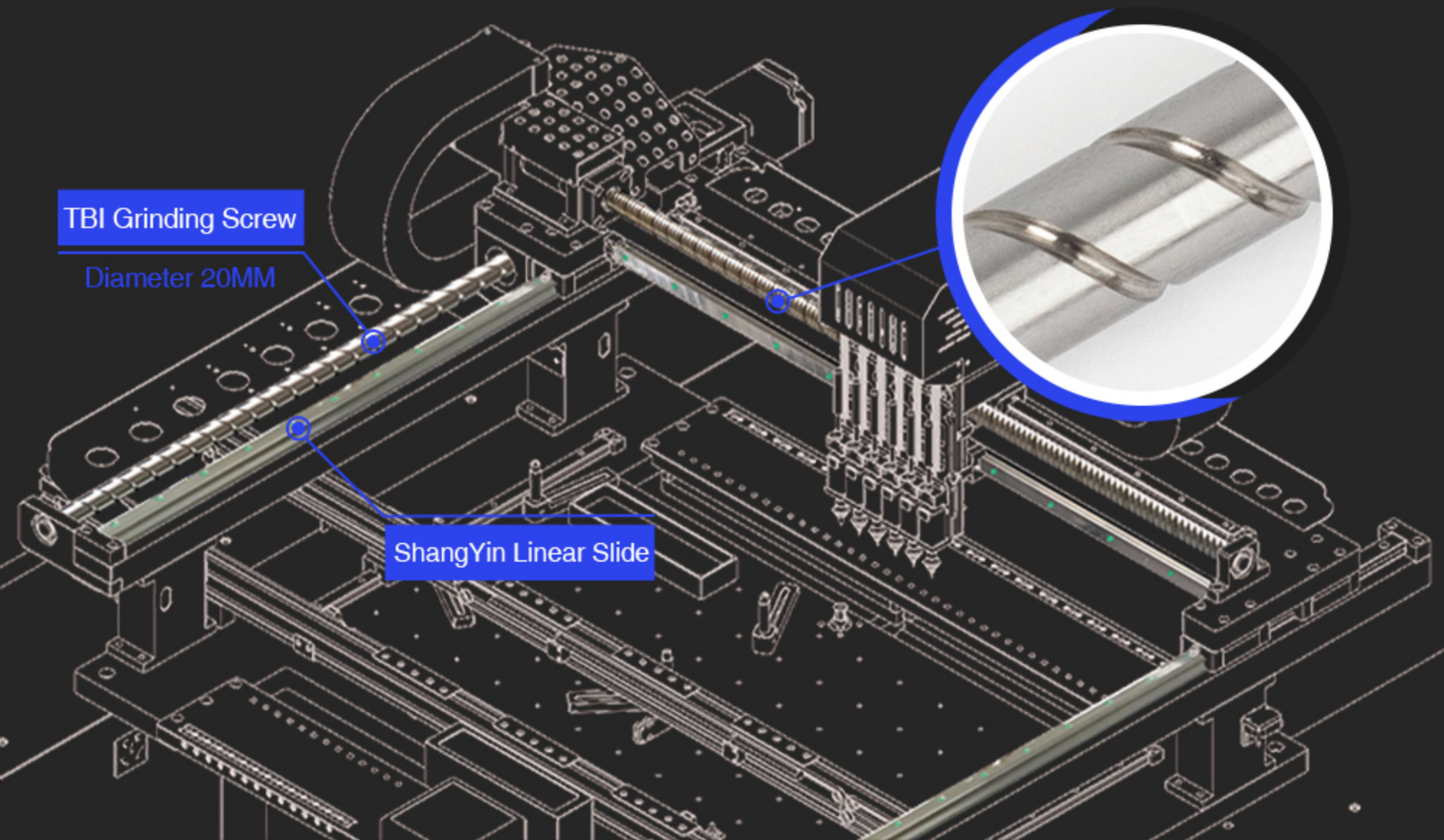
**Not
Put of Step**



SHANGYIN LINEAR SLIDE

TBI GRINDING SCREW

TBI grinding screw and Shangyin linear slide have the characteristics of high precision, reversibility and high efficiency, which can maintain long-term stable placement and ensure that the X and Y axes are not offset.





01

Screw Rod

TBI Grinding Screw Rod

For PPM-C400GS, Φ 20mm



02

Screw Rod

TBI Ball Screw

For PPM-C400BS, Φ 20mm



03

Guide Rail

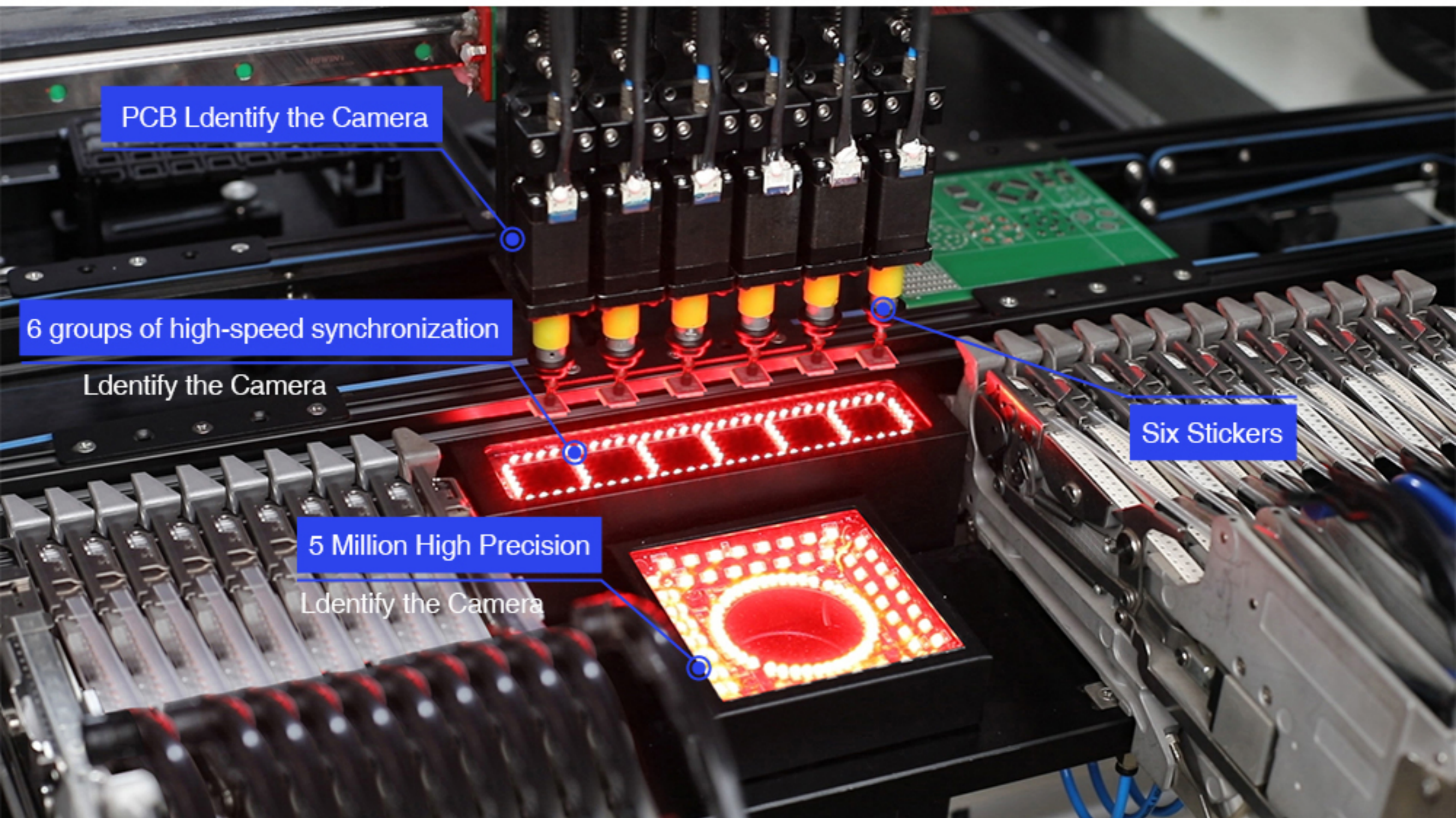
ShangYin Linear Slide

For PPM-C400GS/PPM-C400BS



SEVEN GROUPS OF IDENTIFICATION CAMERAS+ PCB CAMERAS

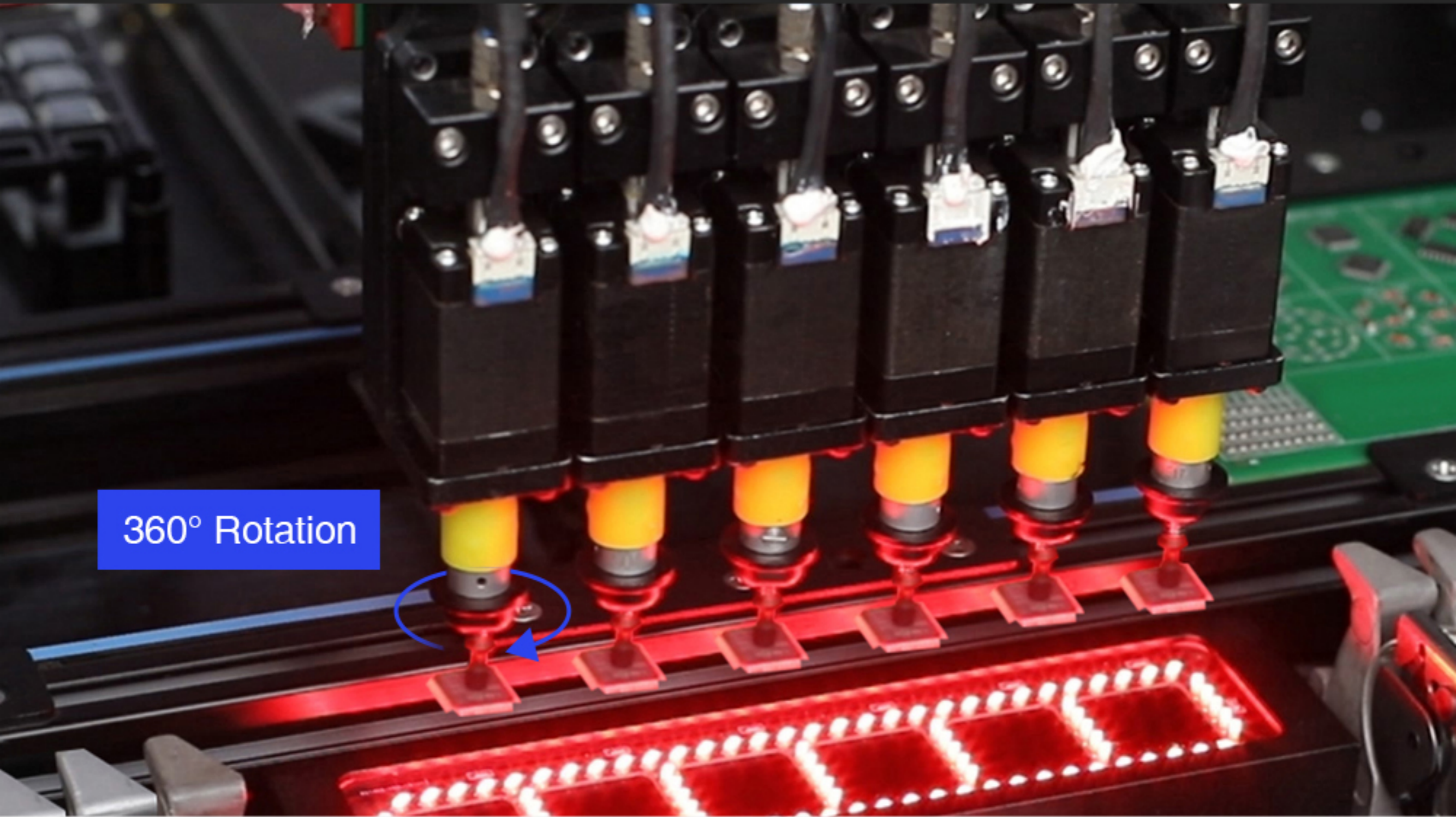
It can identify high-precision components such as IC, QFN, BGA, etc. within the range of 45*45mm. It can identify different components on 6 placement heads at a time, and correct the offset of the pick-up to ensure the accuracy and double the efficiency.





0~360° ANY ROTATION

The fastest 9000PCS/h placement, to achieve high-speed placement requirements



360° Rotation



Suction
Nozzle

JUKI Universal Nozzle

Meet different packaging requirements



THREE-SECTION GUIDE RAIL

Three-stage conveying, which is to be boarded, mounted, and released,
to improve production efficiency

Waiting Area

Paste Area

Exit Area



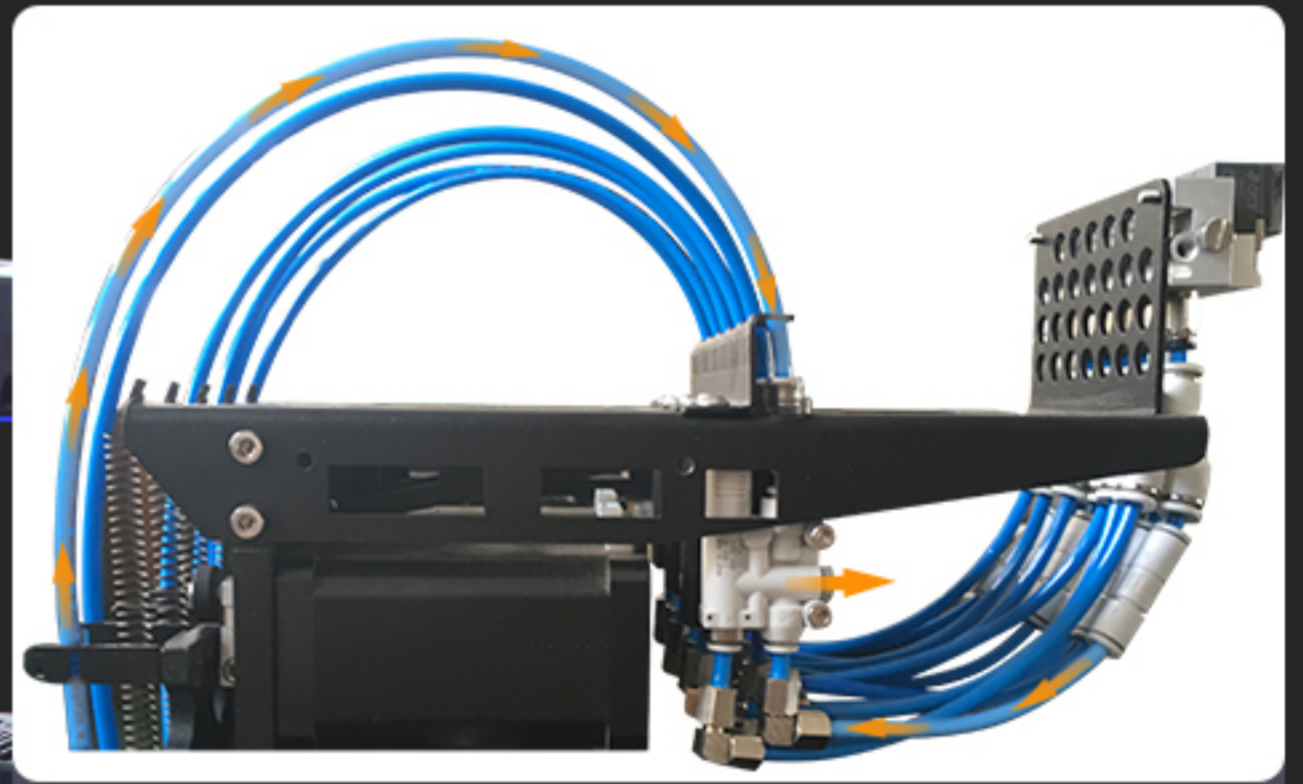
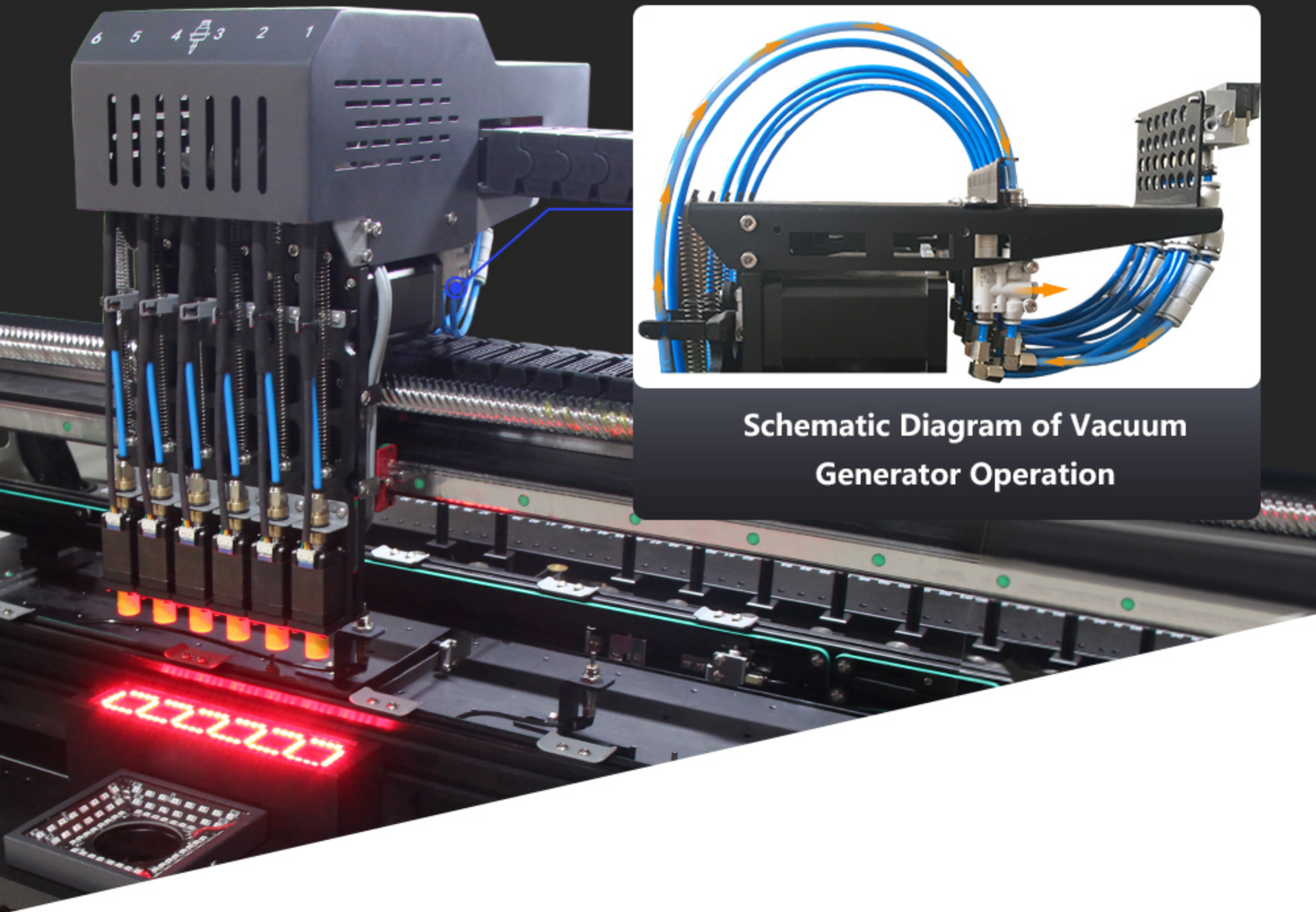
1 2 3 4 5 6 7 8 9 10 11 12 13

14 15 16 17 18 19 20 21 22 23 24 25 26



VACUUM GENERATOR

Using positive pressure air source to generate negative pressure, high efficiency, cleanliness, strong negative pressure ability, can stably absorb large and small devices for a long time.



Schematic Diagram of Vacuum Generator Operation

SUPPORTS MULTIPLE GENERATOR

64-bit YAMAHA pneumatic feeder, can support electric feeder, vibration feeder, 2 C trays



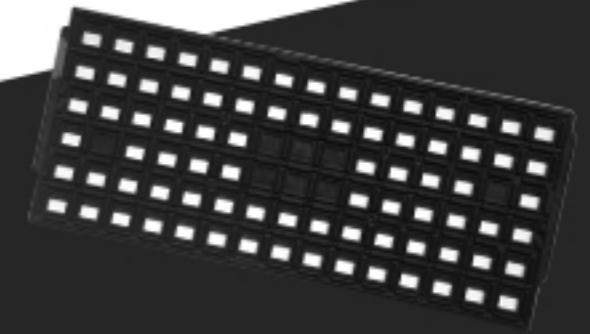
Electric Feeder



Yamaha Feeder



Vibration Feeder

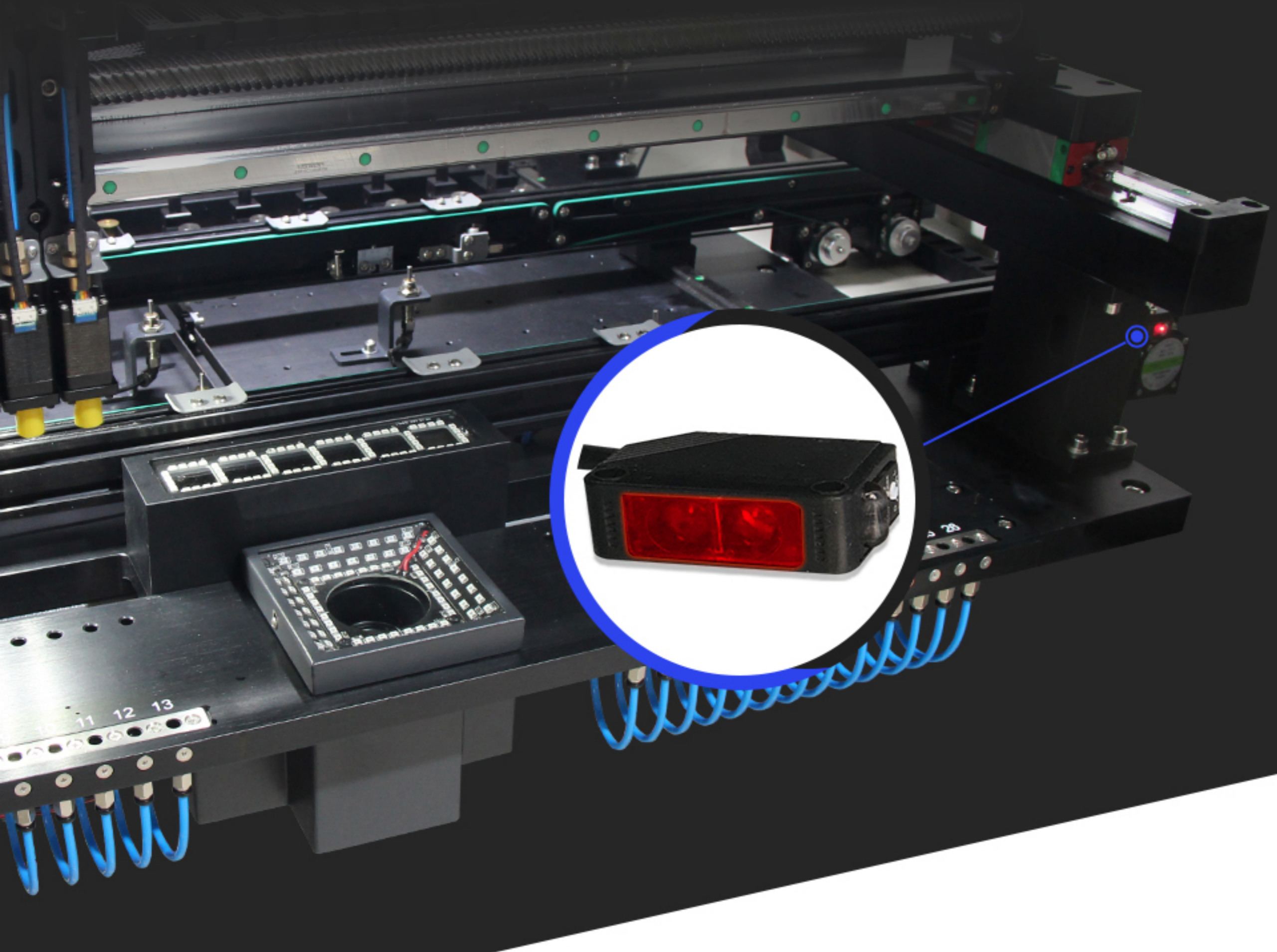


IC Tray



INDUCTION PROTECTION DEVICE

When the feeder is not installed in place, is tilted, or the machine is running, the operator is operating in the front and back of the machine. The induction device detects the signal and stops the machine and prompts it, which can effectively avoid hitting the tilted feeder and injuring the operator.





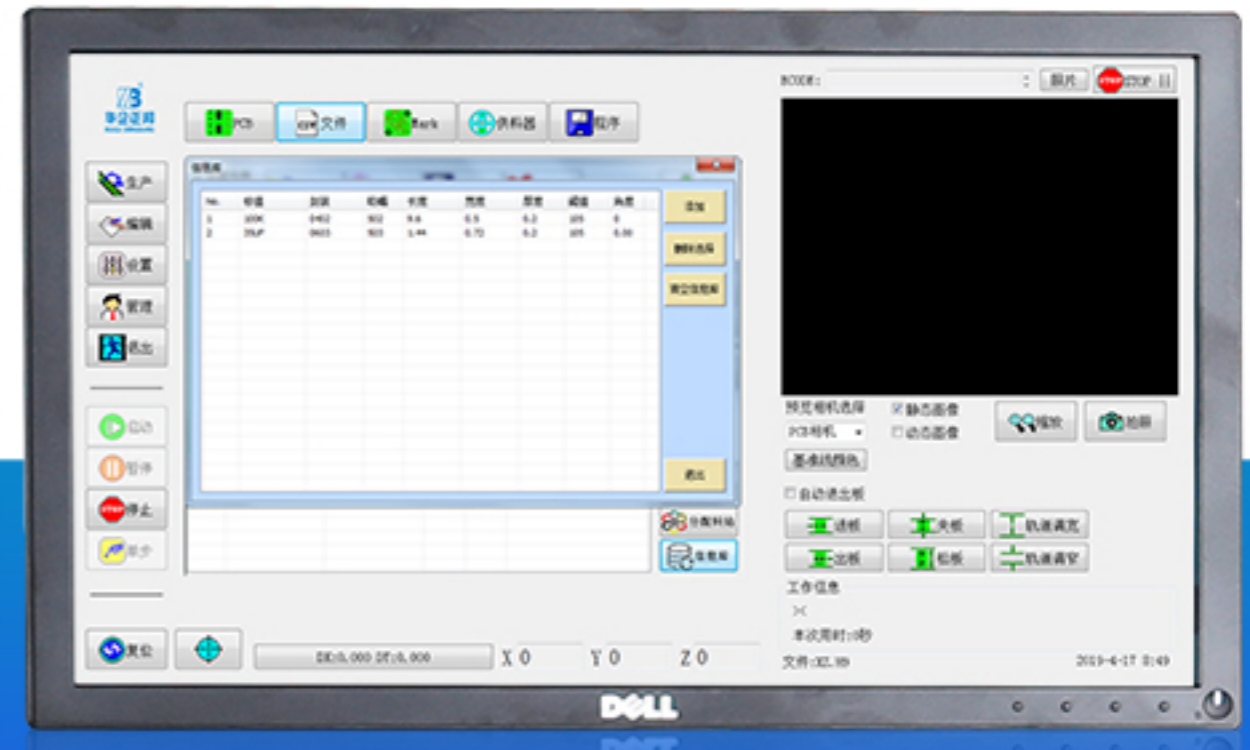
HUMANIZED CONTROL SYSTEM

Simple Operation, Easy to Understand, Easy to Use.



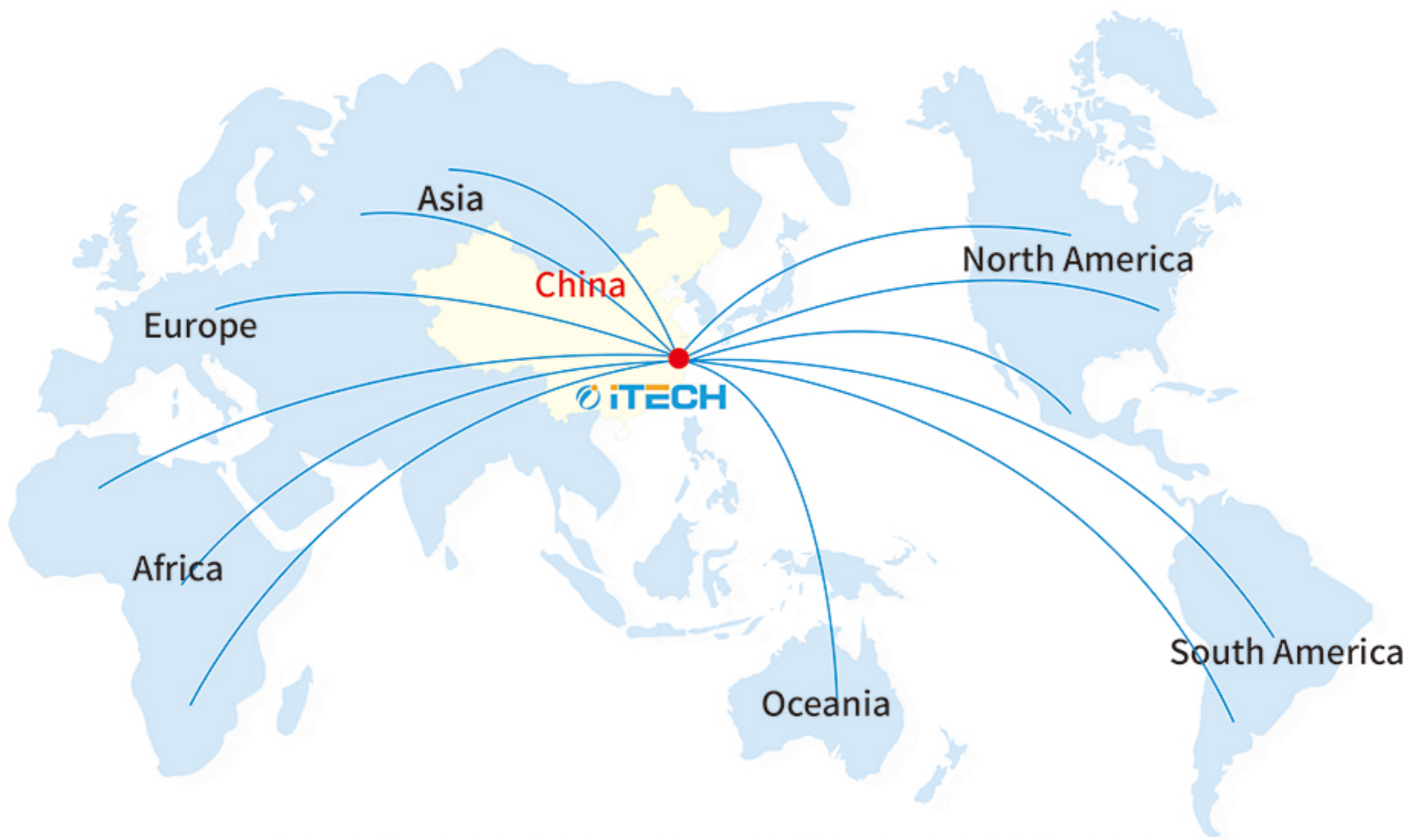
Dual Mark Identification and Positioning

Automatically correct the offset caused by PCB irregularities, positional irregularities, etc.



Add Database Function

Automatically save the edited and set component package, without repeated editing.



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