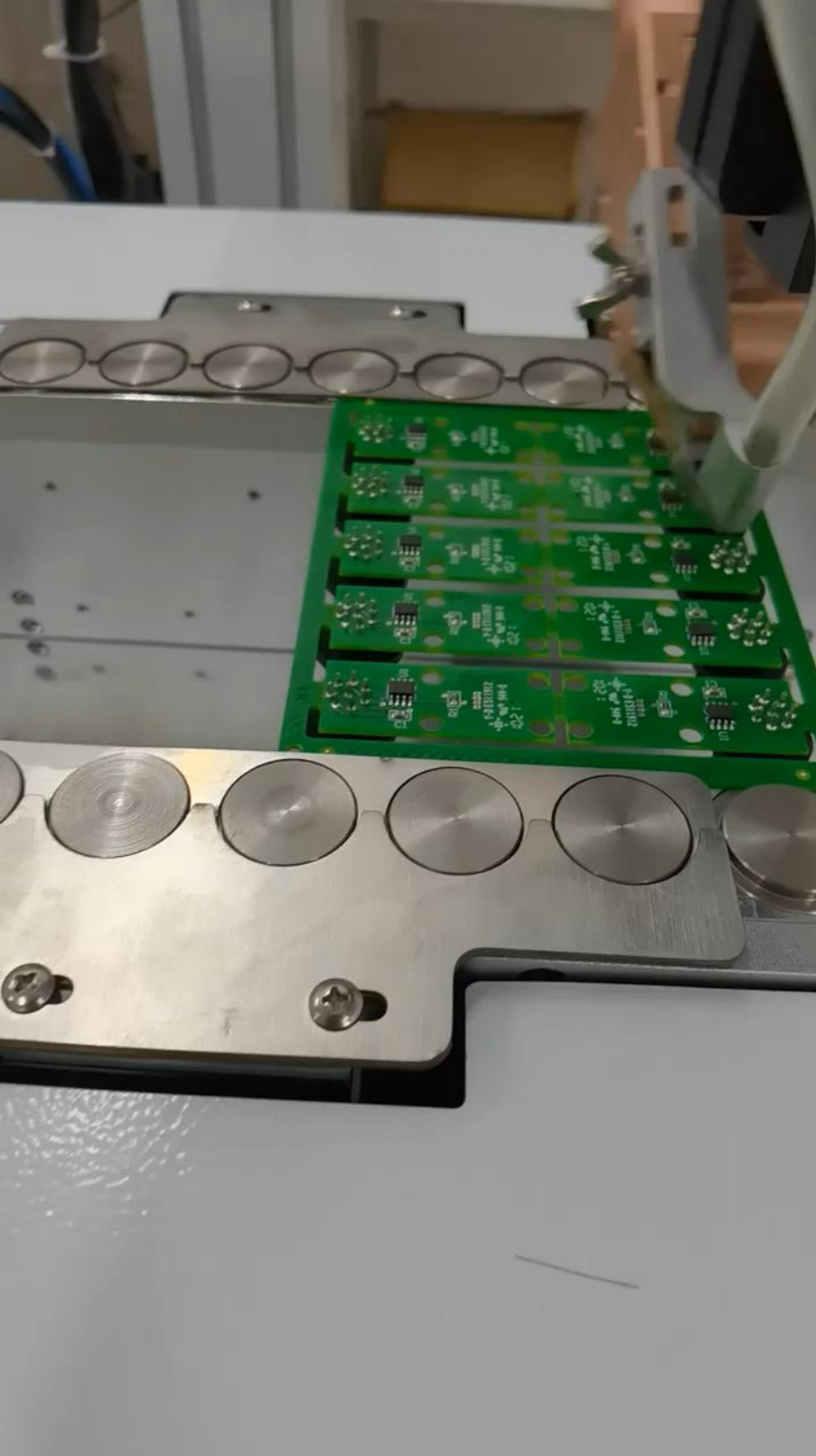


# SF320AT Inline Auto Selective Lead Cutter machine



# SF320AT Inline Auto Selective Lead Cutter machine



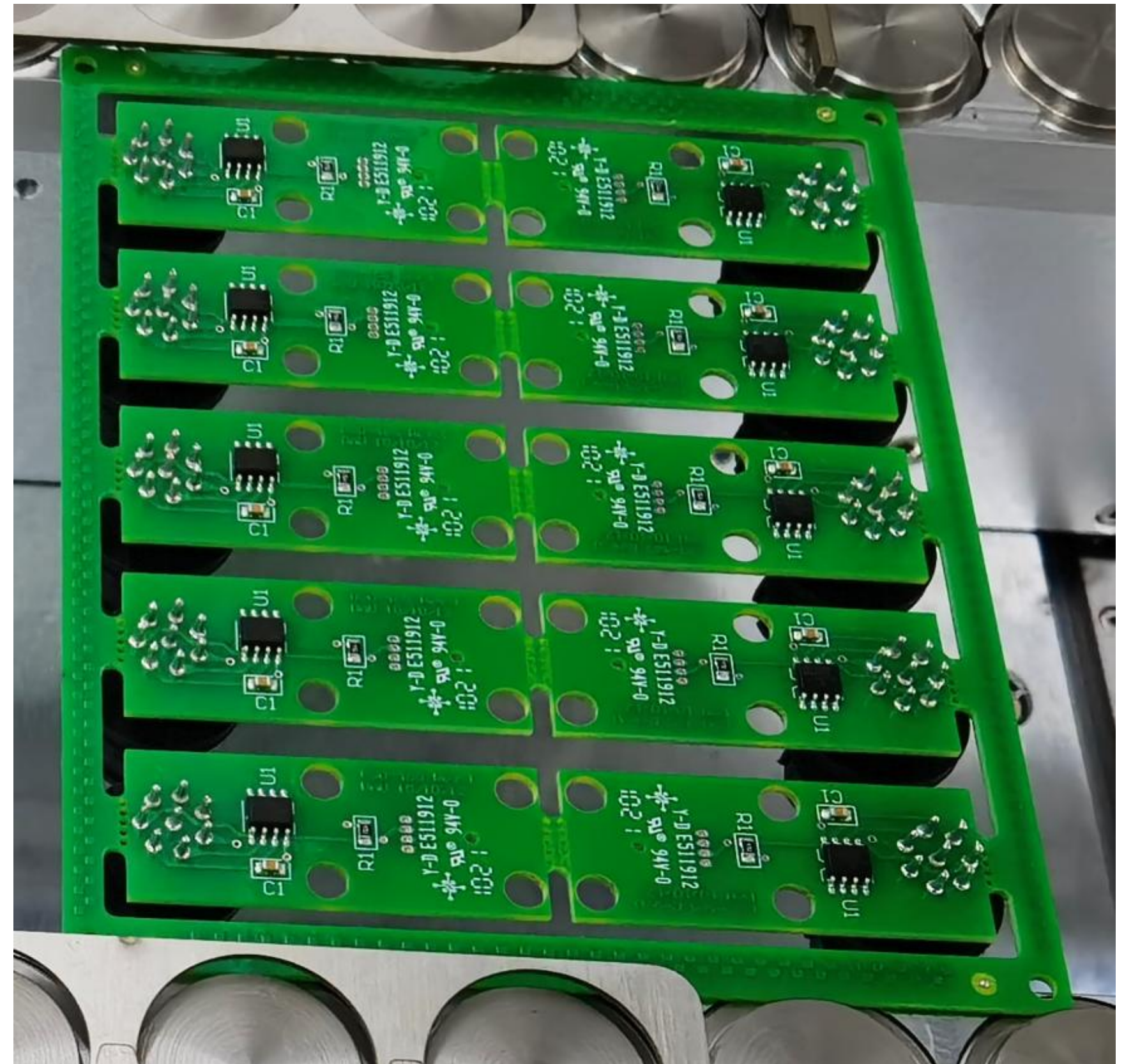
## Study of machine capability

Lead length underneath of the board: 5mm

Lead diameter : 1.10mm

Firs test done cutting the lead from 5mm to 3mm

10 up panel , each circuit has 8 pins to be cut

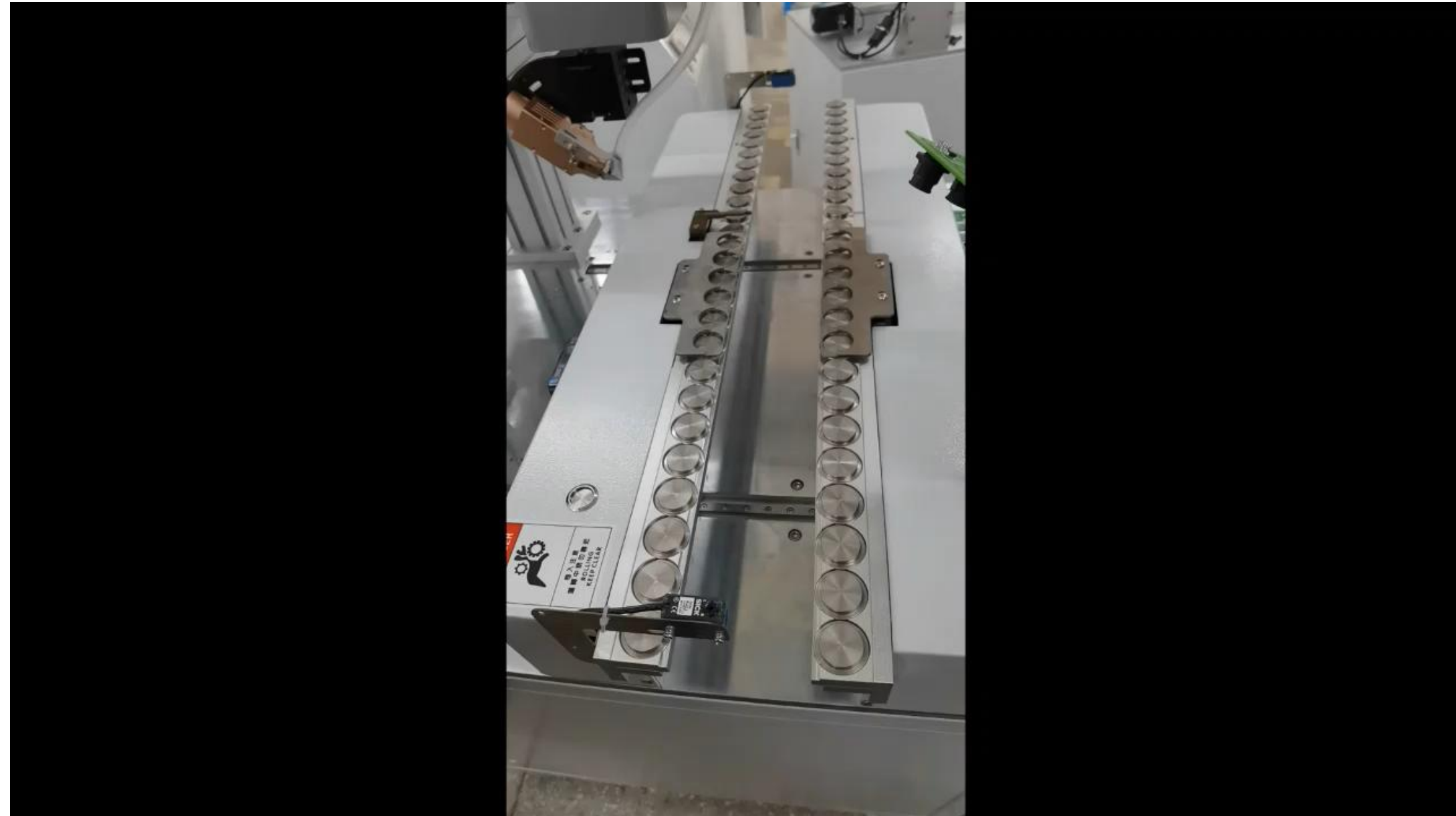


# SF320AT Inline Auto Selective Lead Cutter machine



## Conveyor width adjustment:

To adjust the conveyor is very simple, with a just a push button, will unlock the conveyor, then operator can easily slide the conveyor in or out to the desired width, then once finds correct width, just press the button to lock the conveyor rail.



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## Cutting lead:

Number of leads to be cut : 80

Number of leads per circuit : 8

Number of boards per panel : 10

Cycle time: around 24sec. **Excluding conveyor time**

Initial lead height : 5mm

Lead height after first cut test: 3mm

Lead height tolerance: 0.5mm



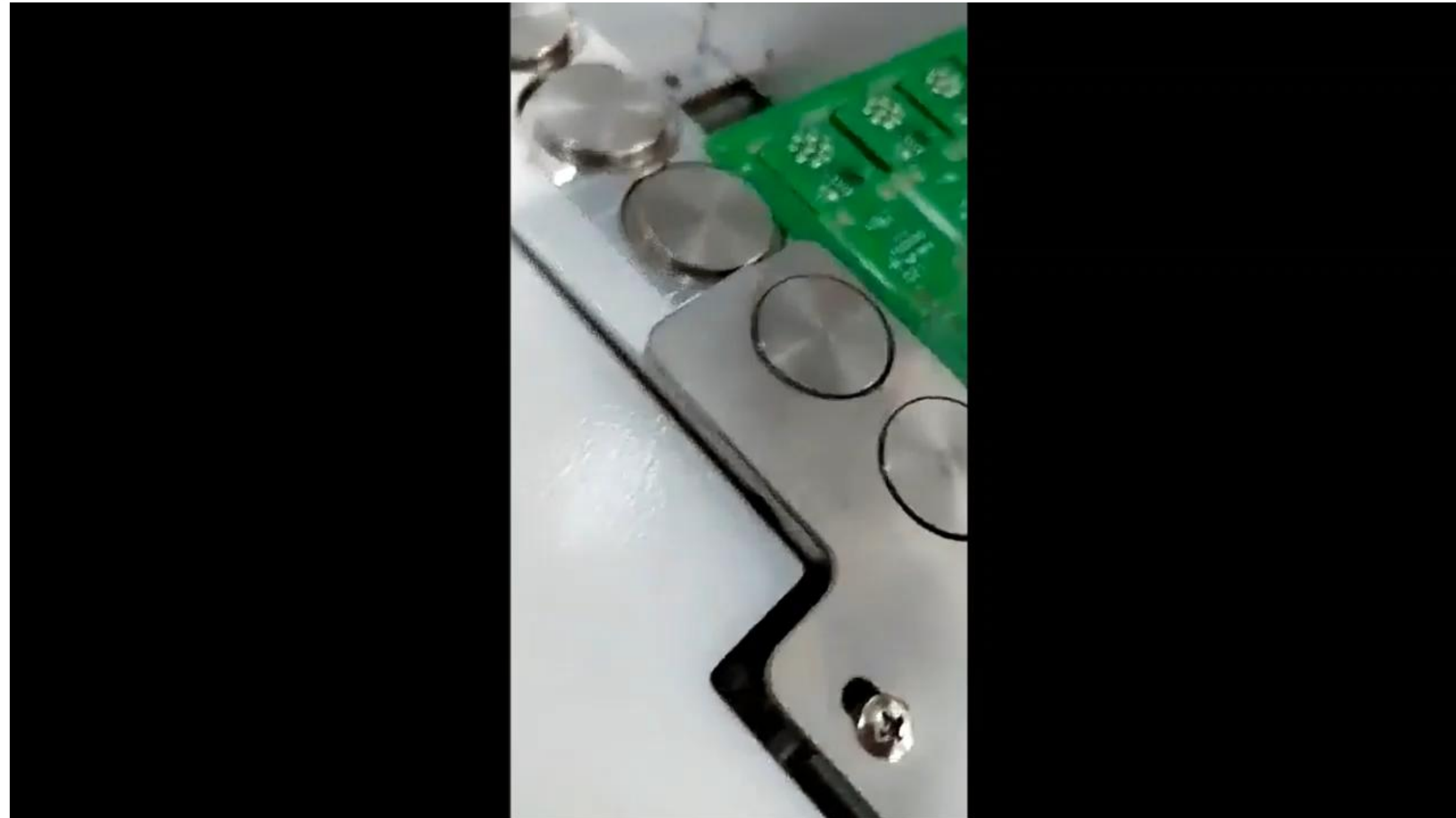
# SF320AT Inline Auto Selective Lead Cutter machine



## Lead length:

At the very first test during program creation, the lead length was reduced from 5mm to 3mm.

After program completed other tests has been done, the second test, was reduced from 3mm to 1.7 ~1.8mm



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## Lead length:

During final test we be able to reduce the lead length from 1.70 - 1.80mm to 1.10 ~1.2mm

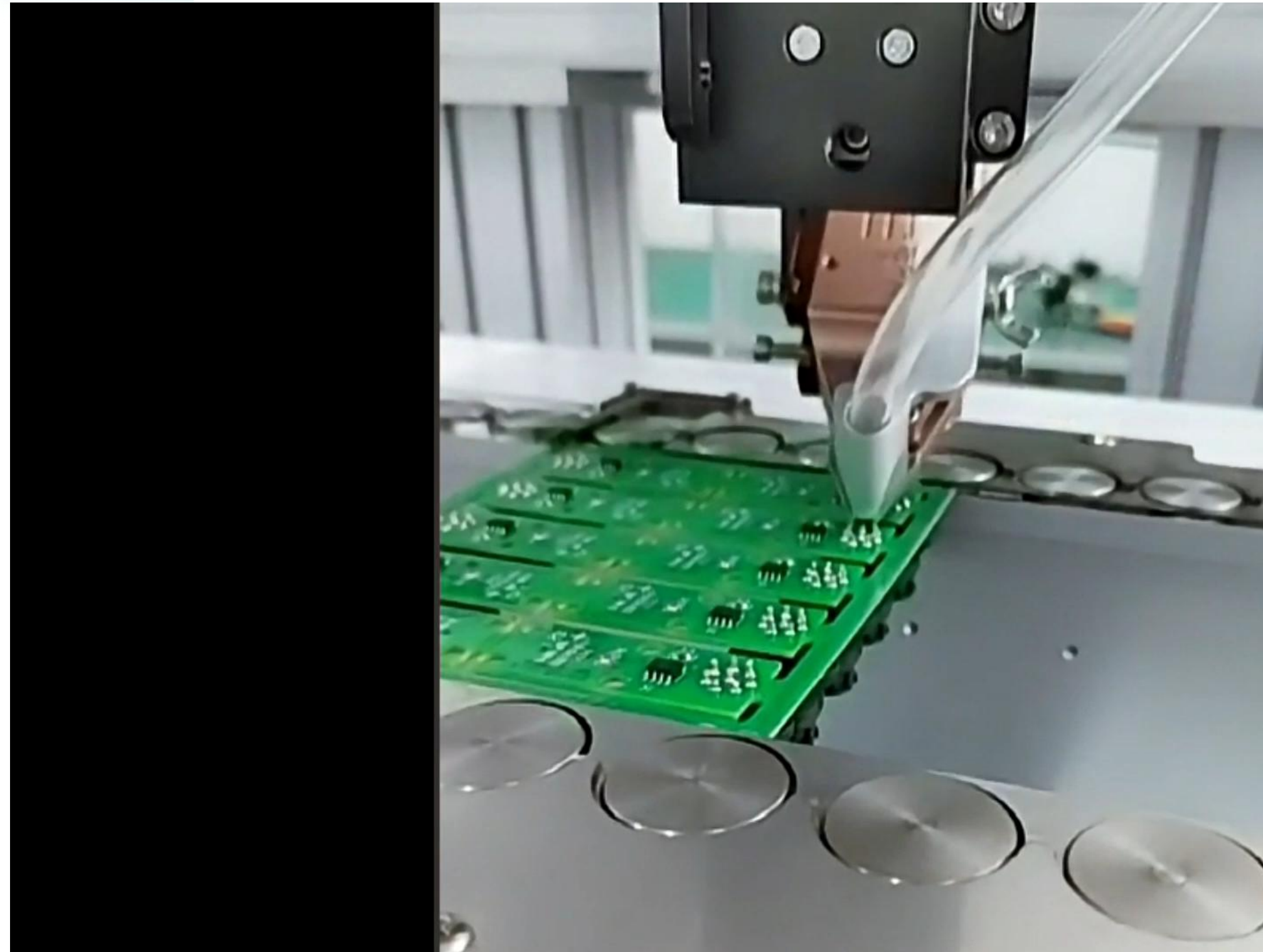


# SF320AT Inline Auto Selective Lead Cutter machine



## Vacuum System:

During cutting process, a vacuum hose attached to the head is constantly collecting the debris from the board, to make sure board is clean after process complete.



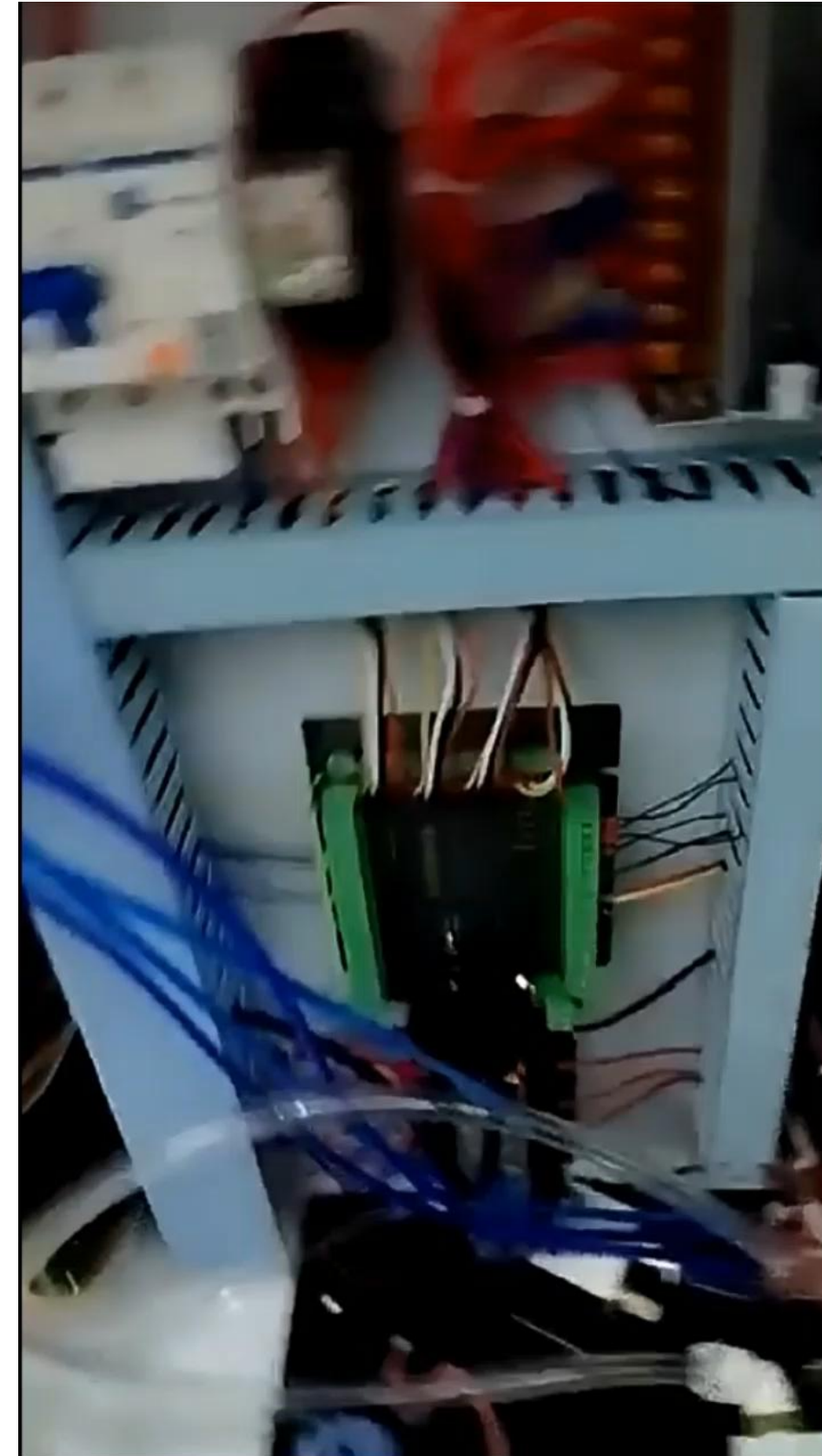
# SF320AT Inline Auto Selective Lead Cutter machine



## Electronic and controllers:

It is an easy machine for troubleshoot as the entire electrical, electronic, logic and pneumatic is located on the rear side of the machine.

Main board  
Main contactor  
Power supply  
Drivers for the motors and cutters  
Air and Vacuum





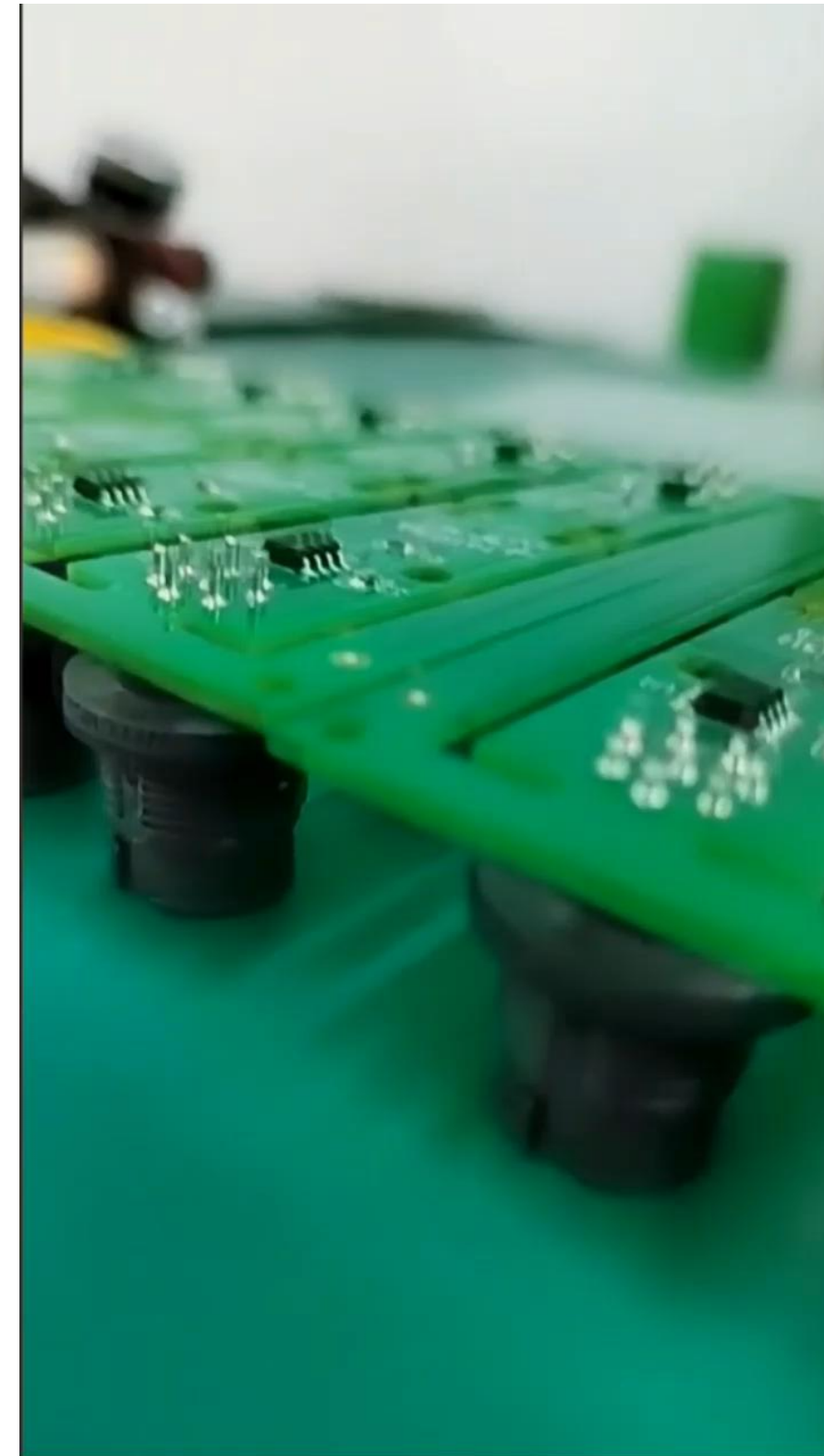
# SF320AT Inline Auto Selective Lead Cutter machine



## Lead Comparison:

The video and pictures attached shows a lead comparison, this way

Customer can see the results of before and after.



# SF320AT Inline Auto Selective Lead Cutter machine



## Final Comments :

Test result was success , customer sent three panels to see if machine has the capability of cut 1mm lead diameter.

Machine was not only capable to cut 1mm lead diameter, but also at a good speed.

A 10-up panel, with each pcb having 8 cutting points, a total of 80 cutting points and performed a cycle time around 24~25 sec. entire panel

Lead height has tolerance of 0.5mm.

Capability of adjust cutting height for different length.

The vacuum system works very well, not leaving any debris or leftover on top of pcb, this way every time that complete the process a clean pcb leave the machine without any debris.

# Best After-sales service



- 7 x 24 Worldwide Support
- Free Installation/ Training
- 1 day lead-time (spare parts)
- 1 Month customize solution



# Welcome Inquiry

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