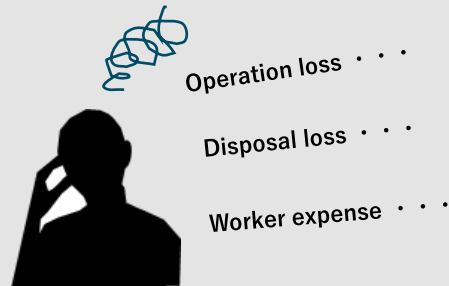


Automatic recovery function

“Automatic recovery” reduces short breakdowns and improves the production operation rate!

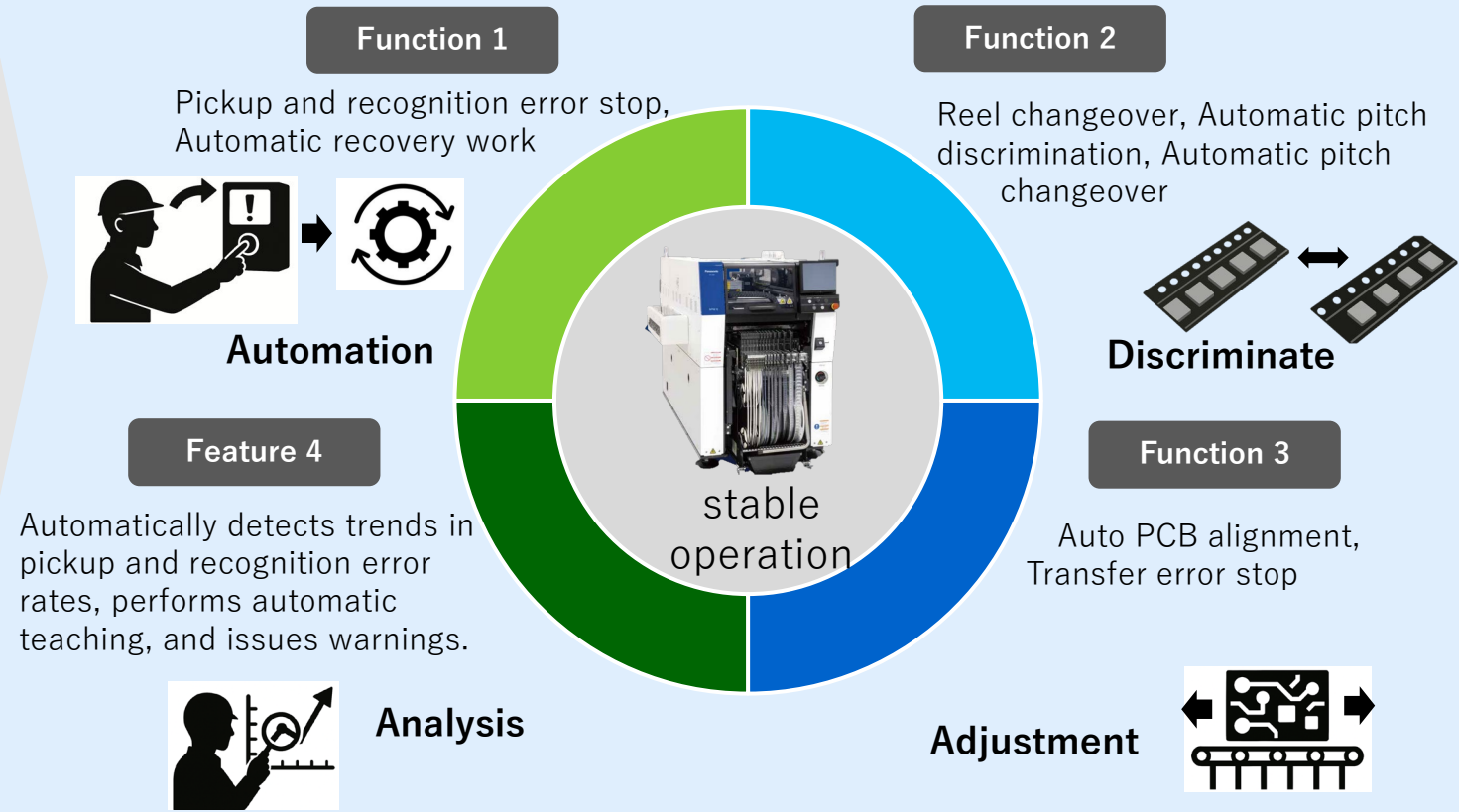
Problems

- There are many short breakdowns caused by component pick-up errors
- PCBs transport errors frequently occur
- Component waste increased due to device error recovery
- Increased burden on workers



Effects after license introduction

- Four additional features to cut downtime, reduce operator burden, and ensure stable operation.



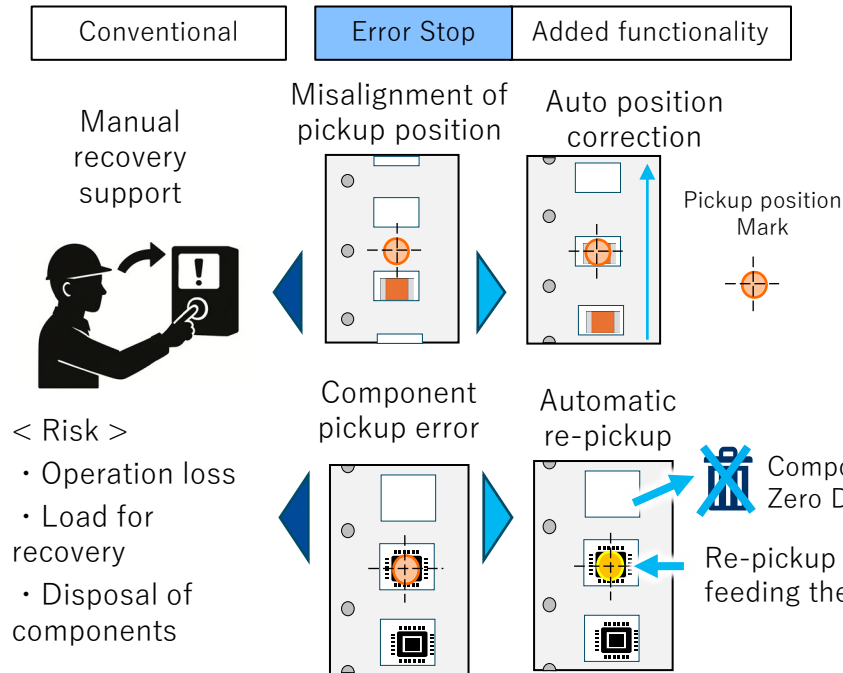
Automatic recovery function

“Automatic recovery” reduces short breakdowns and improves the production operation rate!

Function details

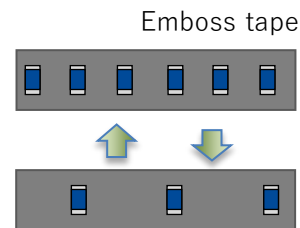
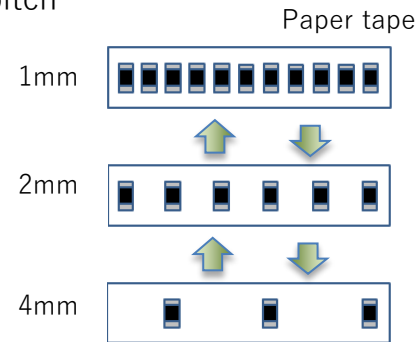
Function 1

Automatic recovery at the time of stop of pickup error



Function 2

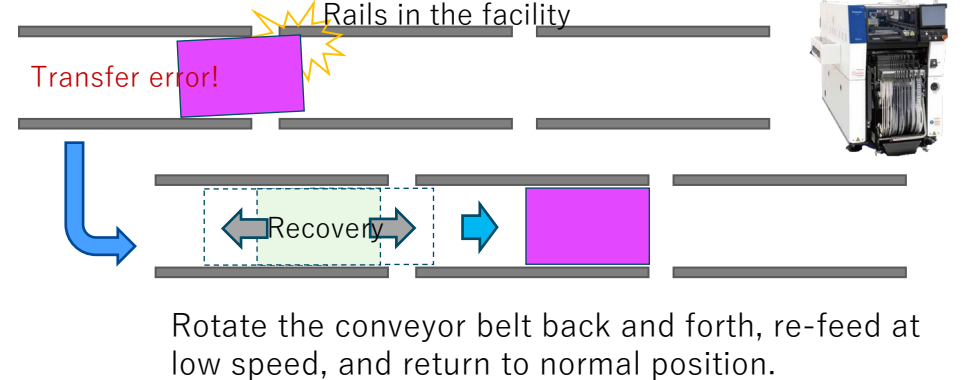
Automatic changeover of reel feed pitch



Emboss tape compatible
NPM-X series and G series only

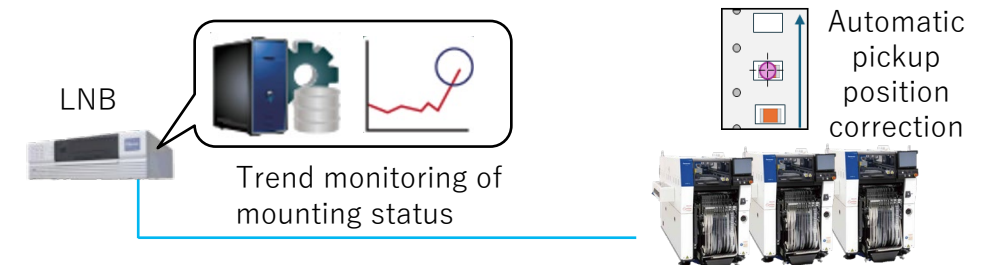
Function 3

Automatic recovery and automatic learning at the time of PCB transfer error



Function 4

Pickup and recognition error trend analysis and automatic teaching



Automatic recovery function

“Automatic recovery” reduces short breakdowns and improves the production operation rate!

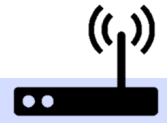
Case study



Automotive equipment

Recovery operations reduced by 52%

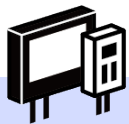
*Applicable components occupancy 66%



Communication equipment

Recovery operations reduced by 40%

* Applicable components occupancy 60%



Devices

Recovery operations reduced by 43%

* Applicable components occupancy 31%

Functional support

Function		Applicable models		
		NPM Series	X Series	G Series
Automatic recovery at stop of pickup/recognition error		●	●	●
Automatic changeover of reel feed pitch	Paper tape	●	●	●
	Embossed tape	—	●	●
Automatic recovery and automatic learning in case of PCB transfer error		—	●	●
Pickup and recognition error trend analysis and automatic teaching		—	●	●

■ Restrictions

NPM Series : V10.09.26A or later

PM-X Series: V 03.19.31 or later

NPM-G Series: V03.19.31 or later

Each of the above functions has specific operating conditions.
For details, refer to the instruction manual and the specification sheet.