

Before

L 05

"Short breakdown times occur frequently and workers need to stay with the equipment."

User:

Operating ratio decreases as short breakdown times occur.

Background of target

- Adverse effects of short breakdown times.
 - Delivery delay
 Waste of support man-hour
- Quality decrease Cost increase due to overtime work

With conventional system...

There are many drive devices and associated sensors, making it easy to stop the equipment.

- Multiple drive devices are required to stop.
- Sensors for controlling drive devices are required.
- If any of drive devices and sensors malfunctions, a short breakdown time occurs.





The number of short breakdown times caused by transfer has been drastically reduced, and we are now able to manufacture products with stable production volume and quality.

User testimonial



Automotive parts manufacturer People in charge of production engineering

The source of our company's problems was "short breakdown time". When a short breakdown times occurs, it is necessary to restore it immediately. Sometimes, after resetting the equipment, the short breakdown times might be restored, but it was not a good thing that the short breakdown times was easily restored. Where to recover from the equipment stop was a source of concern at the end of each month.

Particularly in recent years, it has been difficult to manage night shift staffs, and even a minor problem could take a long time to be restored or frequent short breakdown times could cause a small number of workers have to stay with the equipment.

For this reason, we made stable operation one of the themes when considering new equipment. First, as a result of analyzing the causes of short breakdown times, we found that the overwhelming majority of short breakdown times were caused by transfer, so we decided to review the transfer section.

After collecting information from various websites and exhibitions, we became interested in linear conveyor modules.

Our company is a manufacturer of electronic components built-into automobiles and operates 24 hours a day.

When we visited the actual machine, we found that the number of driving devices and sensors around the conveyor had been minimized, and we heard that "customers who have installed the equipment are satisfied with the reduced number of short breakdown times!"

YAMAHA introduced the equipment within the company, and as a result, the equipment received a high evaluation within the company. We were also introduced to a SIer and the equipment was successfully installed.

Currently, as planned, the number of short breakdown times caused by transfer has been drastically reduced and we are now able to manufacture products with stable production volume and quality. The maintenance time also becomes less than half of the conventional time, which is very helpful for the production site. We will continue to manufacture high quality products with stable production.

Functional description and merit of LCM

Thorough comparison of LCMR200 and conventional conveyor

From "flow" to "move". Profitability is improved by eliminating waste in the transfer process.









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