

"Production lines that enable easy maintenance need to be built."



Speedy recovery is now possible even in the event of a problem. Maintenance has become easier and the burden on workers has been greatly reduced.

User testimonial



In-vehicle parts manufacturer People in charge of production engineering

The production lines we have designed so far have mainly used index tables.

Although the space-saving was good, the equipment was difficult to adjust mechanically inside the equipment when problems occurred, and the poor workability was an issue for the equipment, as peripheral devices had to be removed when the index tables needed to be adjusted.

When we were introduced to YAMAHA's linear conveyor module "LCMR200" at the exhibition, we felt "this is it!". We found that the layout of the demonstration machine was neat and clean, which made it easy to design the mechanism and work around the machine, and that traceability was possible using the slider ID, so we decided to adopt it immediately in the next equipment.

Until now, four index tables were arranged, and a belt conveyor and transfer robot were used to connect each index table, but with the LCMR200, we were able to design a line configuration of 2.5 meters each way using the horizontal circulation method.

When we needed to make minor adjustments to the equipment, we did not need to move any peripheral devices, but only needed to adjust the position of the slider. So, even I, a female person, could easily make adjustments and reduce man-hour.

In addition to space savings, less parts are required, and traceability can be easily achieved, so the time required to investigate the cause can be reduce man-hours.

Additionally, the time required for maintenance could be reduced by 50%, which is very efficient.

Since each slider can be operated freely, the production volume has been increased regardless of the time difference between processes.

In fact, thanks to the introduction of this "LCMR200", we were able to win the in-house president's award, which is a good thing.

We would like to continue to design efficient and highly productive lines.

Functional description and merit of LCM

LCMR200

Traceability management can be easily achieved.

The current position of the slider can be output in real time. (Individual ID recognition)







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