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Fuji Machine Manufacturing Co., Ltd.

Machines to be introduced in the 47th Internecon Japan Exhibition

Presenting the Fuji Auto Inserter (sFAB-alpha) and the automatic part warehouse, sTower II

Fuji Machine Manufacturing Corporation (headquarters: Chiryu, Aichi; president & CEO: Mr. Nobuyuki Soga; hereinafter referred to as "Fuji") is presenting the Fuji Auto Inserter (sFAB-alpha) and the automatic part warehouse, sTower II in the 47th Internecon Japan Exhibition.

Background

The parts present in the electronic circuit boards used in electronic products mainly consist of surface mount parts, but there are also many boards that have parts with insertion leads. Fuji is demonstrating sFAB-alpha, designed to improve the efficiency of the leaded part insertion stage.

Preparing parts required for production quickly and reliably is an important aspect to performing efficient production. We have developed the new automatic tower part warehouse, sTower II to reduce the load for managing and preparing parts.

Features of sFAB-alpha (display model)

This new machine, a fast multi-type inserter, performs high-speed insertion of radial taped parts, axial parts, and jumpers all in one machine. By collecting the functionality of many different dedicated insertion machines into the sFAB-alpha, panel conveyance time is reduced, space on the floor is saved, and the area productivity per unit is greatly increased. By using this machine along with the popular sFAB-D for inserting odd-form and large parts, you can have efficiency across the entire insertion process.

Up to 20 different parts can be loaded. The throughput is 6,000 cph for radial taped parts and 8,000 cph for axial parts and jumpers. This is scheduled to be released in April 2018.

Features of sTower II

By checking out the required parts automatically based on work orders, the amount of work required for part picking and management is reduced. The quantity of parts contained in stored reels is kept and the occurrence of unnecessary partial reels is reduced with thorough first-in first-out management. It is also possible to manage the temperature and humidity as an option. These slim towers are designed to fit in seamlessly at the line side. There are three models of sTower II for different installation locations and these offer different storage amounts. These are scheduled to be released in April 2018.

Company profile

Company name: Fuji Machine Manufacturing Co., Ltd.
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Established: April 1959
Business divisions: Manufacture and sales of electronic assembly machines and machine tools
Capital: 5,878 million Yen
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