

Robot manufacturer Fuji to exhibit at the 39th Internecon Japan

Showcasing technology that solves customer issues at production sites, such as the all-new and first-time-to-be-exhibited multi-head, RHDX, as well as SMT factory automation solutions that use cutting-edge R generation pick and place machines, including the NXTR.

Fuji Corporation (headquarters: Chiryu, Aichi; Representative Director, President and CEO: Joji Isozumi; hereinafter referred to as "Fuji") will be at the 39th Internecon Japan exhibition. This year's show runs for three days from January 22nd (Wednesday) to January 24th (Friday) and will be held at Tokyo Big Sight.



At the exhibition, under the theme of "Target ZERO", we will introduce our high-quality technologies used to achieve "zero placement defects," "zero machine operators," "zero machine stops," and "zero placement limits", as well as customer testimonial of the benefits of FUJI Smart Factory (Note).

Three highlights of the Fuji booth

1. Introducing R generation machines, which can flexibly respond to a wide variety of placement requirements and perform high-quality and high-efficiency production
2. Showcasing for the first time, a case study of a customer who maximized production by introducing FUJI Smart Factory
3. World premiere of the RHDX head designed exclusively for the AIMEXR

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Note: FUJI Smart Factory

This is a unique smart factory concept that fully uses Fuji's technology to solve worker shortages, dramatically improve work efficiency, and realize production lines that do not rely on human labor by automating manual tasks such as production preparation, production changeover, part supply, or transport between processes, and by using a work support system that uses digital platforms.

1. Introducing R generation machines, which can flexibly respond to a wide variety of placement requirements and perform high-quality and high-efficiency production

In this presentation, we will introduce Fuji's cutting-edge pick and place machines, the R generation machines, and how FUJI Smart Factory, which has the R generation machines at its core, will bring innovation to production sites. The presentation will provide concrete information on the key points of the technology and the effects of introducing these items, giving visitors a closer look at the future of production sites as envisioned by Fuji.



Presentation schedule

Theme	Schedule	Starting time	Ending time
Pursuing evolution to maximize production Fuji R generation machines	6 times each day (15 minutes each)	10:30	10:45
		11:30	11:45
		13:00	13:15
		14:00	14:15
		15:00	15:15
		16:00	16:15

We hope that you will take the time to come and see one of these presentations, which have been well received by many visitors every year.

2. Showcasing for the first time, a case study of a customer who maximized production by introducing FUJI Smart Factory

Long-standing manufacturing know-how with cutting-edge automation technology

In this exhibition, we will be showcasing an actual example of FUJI Smart Factory being used at a customer production site that has maximized their production by introducing FUJI Smart Factory.

Examples of issues before FUJI Smart Factory introduction

- ✓ Material preparation: Time taken to prepare the materials
- ✓ Product changeover: Equipment stopped for a long time for product changeover
- ✓ Knowledge transfer: Time taken for new operators to learn how to perform work

We will introduce how the production site facing the above issues has changed with the introduction of FUJI Smart Factory, along with the customer's testimonial.

3. World Premiere of the RHDX head designed exclusively for the AIMEXR

New multi head RHDX - A new standard of flexibility with high efficiency

We will be exhibiting the RHDX head, which is a multi head for the AIMEXR, that contributes to maximizing the production efficiency of the machine. This head allows the machine to flexibly respond to a wide variety of production needs and achieve high quality and high efficiency production.



Newly developed
RHDX head

Main features of the RHDX head

- ✓ Expanded supported part size: Maximum supported part size was increased to 200 x 150 mm
- ✓ Significant increase in production efficiency: Places up to 33,000 cph
- ✓ Automatic tool exchange: A single head can support parts ranging from very small chips (0402 (01005")) to large parts (200 x 150 mm).

Details

Exhibition: 39th Internecon Japan

Dates: Wednesday, January 22 to Friday, January 24, 2025, from 10:00 to 17:00

Location: Tokyo Big Sight, East hall 1

Exhibit booth: E1-51

Organizer official website: <https://www.nepconjapan.jp/tokyo/en-gb.html#/>

Company Profile

About Fuji

Company name	FUJI CORPORATION
Representative	Joji Isozumi, Representative Director, President & CEO
Address	19 Chausuyama, Yamamachi, Chiryu, Aichi 472-8686 Japan
Established	April 1959
Business details	Development, manufacturing, and sales of SMT pick and place machines and machine tools
Capital	5,878 million Yen
URL	Official website/ https://www.fuji.co.jp/en/ SMT website/ https://smt.fuji.co.jp/en/

Contact

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