



YANMAR

News Release

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Yanmar Holdings Co., Ltd.

Yanmar Unveils Concept Model e-X1 for Zero Emission Agriculture



Concept model of the e-X1 compact electric agricultural machine.

Osaka, Japan (January 29, 2024) - Yanmar Agribusiness Co., Ltd. (Yanmar AG), a subsidiary of Yanmar Holdings, has revealed its e-X1 concept, an electric drive compact electric agricultural machine designed to achieve zero emissions in agriculture.

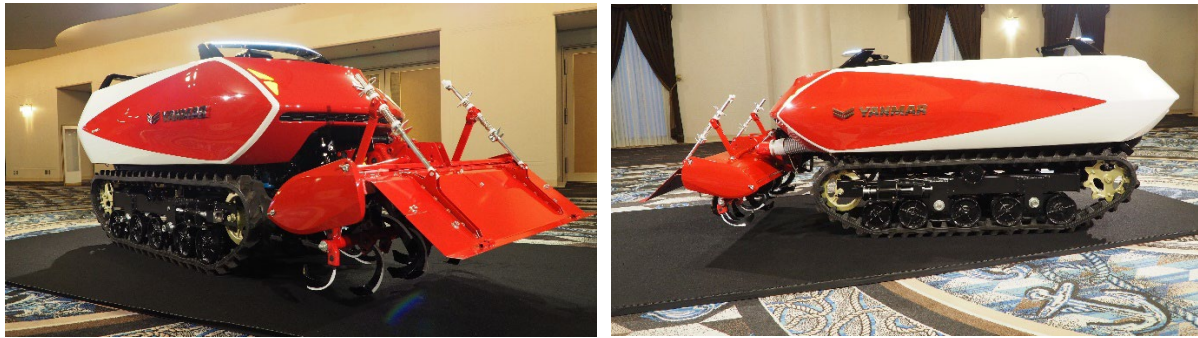
Within the Yanmar Group, the YANMAR GREEN CHALLENGE 2050 initiative is driving efforts toward realizing a sustainable society. Electric agricultural machines not only offer environmental performance but also the superior quietness and environmental friendliness of electric motors, promising improved working conditions for nighttime, suburban farming, and operations within greenhouses. Yanmar AG has unveiled a prototype of a small electric agricultural machine at a stakeholder event, with a view to commencing market monitoring by 2025.

The machine can accommodate various implements such as rotary tillers and grass cutters at the front and rear, enabling tasks like weeding, snow removal, and cultivating. Opting for crawlers instead of wheels ensures stable operation on slopes and uneven terrain. With no driver's seat, the machine guarantees operator safety during agricultural tasks through remote control. The incorporation of autonomous driving features is also under consideration.

Yanmar AG plans to initiate market monitoring in 2025 and actively progress toward mass-production through rigorous design and testing, with the goal of contributing to the decarbonization of the agricultural sector.

■ **Compact electric concept e-X1**

Model name	e-X1
Powertrain	Electric battery
Proposed operations	Tilling, mowing, ridging, snow removal, etc.
Release date	Market monitoring is scheduled to start in 2025



Concept model of the e-X1 compact electric agricultural machine.

About Yanmar

With beginnings in Osaka, Japan, in 1912, Yanmar was the first ever to succeed in making a compact diesel engine of a practical size in 1933. A pioneer in diesel engine technology, Yanmar is a global innovator in a wide range of industrial equipment, from small and large engines, agricultural machinery and facilities, construction equipment, energy systems, marine, to machine tools, and components — Yanmar’s global business operations span seven domains. On land, at sea, and in the city, Yanmar provides advanced solutions to the challenges customers face, towards realizing A Sustainable Future. For more details, please visit the official website of Yanmar Holdings Co., Ltd.

<https://www.yanmar.com/global/about/>

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