



Solinftec expands U.S. ag robotics push as Solix coverage grows 15-fold

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Company plans Amazon parts store, expands autonomous refilling and prepares a four-model Solix platform as more than 100 robots cover 55,427 acres



SOLINFTEC

Solinftec is accelerating its push into autonomous agriculture in the United States, combining rapid growth in field deployment with a new direct-to-farmer parts strategy and expanded robotics capabilities.

The agriculture AI and robotics company said more than 100 Solix robots operated across 13 U.S. states and Puerto Rico through July 2026, covering 55,427 acres—15 times the acreage recorded three years ago. The fleet also monitored more than 95 million plants individually while reducing chemical use by an average of 85 per cent, according to the company.

Solinftec will showcase the next phase of its expansion at the 2026 Farm Progress Show, scheduled for September 1–3 in Boone, Iowa. The company plans to launch an Amazon store for selected Solix replacement parts, demonstrate its autonomous Refill Station and preview an expanded family of Solix robots.

The move into Amazon is designed to give farmers greater access to replacement parts and allow them to carry out more routine repairs themselves. Solinftec said it will become the first agricultural robotics company to offer replacement parts through Amazon, as part of a broader self-service model that includes direct robot purchases and remote technical support.

A major focus of the company's 2026 commercial season has been autonomous refilling. Solinftec's Refill Station enables Solix robots to dock, replenish their supply and return to field operations without requiring a farmer to travel to the site.

Through July, the company's robots completed more than 1,700 autonomous refills, transferring over 45,000 gallons of product. One Refill Station refilled its associated robot more than 120 times, potentially eliminating the same number of farmer trips to the field.

"A robot that still requires a person to repeatedly drive to the field and refill it is not fully autonomous," said Guilherme Guiné, COO at Solinftec. "Closing that cycle gives farmers something extremely valuable: flexibility in their day."

Solinftec expects to deploy approximately 200 robots and 80 additional Refill Stations for the 2027 growing season.

The company is also broadening the Solix platform into a four-model family, giving farmers a choice of power sources, capacities and field applications. All models will operate on Solinftec's ALICE AI platform.

The lineup includes the solar-electric Solix X1, battery-electric Solix XT, gas- or diesel-powered Solix XR, and hybrid-electric Solix XC. The models will range from 50 to 1,200 gallons in capacity and are designed for targeted or targeted-and-broadcast applications, depending on the configuration.

At the Farm Progress Show, Solinftec plans to preview the Solix XR, a gas- and diesel-powered model expected to become commercially available for the 2027 growing season.

The current Solix robot is priced at \$55,000. Solinftec estimates that growers can recover the investment in approximately 2.5 years through projected input savings alone, excluding potential savings from labour, fuel, equipment use and reduced field passes.

As agricultural robotics moves beyond pilot projects and demonstration farms, Solinftec's strategy is increasingly focused on a broader question: how autonomous machines can operate with less human intervention while becoming easier for farmers to purchase, maintain and deploy at scale.