

Fewer Hands, Same Work: Boson Motors Debuts Automated Tasks at FIRA USA

Award-winning electric work platform expands into automated tasks for agriculture and commercial operations

MADERA, Calif. 10/20/26 - Boson Motors will showcase the latest advancements of its award-winning electric work platform at FIRA USA, demonstrating new task automation features designed to take repetitive, time-consuming chores off the daily workload of growers and commercial operators.

Purpose built as a heavy-duty electric work vehicle, the Boson platform delivers up to 72 miles of range, a 2,000-pound payload and 2,000 pounds of towing capacity. Now, Boson is expanding those platform capabilities to perform repeatable tasks such as mowing, patrol, material hauling and transportation across work sites.

The concept is straightforward: many of the jobs consuming valuable labor each day are also the most repetitive. Mowing rows, patrolling property, moving tools and traveling the same routes repeatedly can take significant time away from work that requires greater skill, judgment and experience.

Routes can be established, saved and assigned as repeatable tasks, while the Boson dashboard provides access to route information, task progress, vehicle status, battery information and tracking data. The dashboard is currently available across multiple platforms.

Proven Through Real World Work

Boson's automated task development builds on real-world agricultural experience, including a night patrol deployment at US Citrus in South Texas that achieved a 99% mission success rate across more than 1,000 missions, defined as completing assigned routes without human intervention. This builds on more than 18,000 hours of manual operation on Boson's award-winning platform across North Dakota, Texas and California.

By handling repetitive routes and tasks, Boson can give owners and employees time back for work that requires their attention. During harvest, automated material transportation could keep crews supplied and move loads while employees focus on picking, quality checks and coordinating work.

For illustration, reducing a repetitive task from four employee hours to 60 minutes daily across 300 operating days could return 900 hours annually. At an assumed fully loaded labor cost of \$25 per hour, that represents \$22,500 in annual labor capacity before equipment, subscription and operating costs.

That is roughly 113 eight-hour workdays available for managing crews, troubleshooting equipment, making crop decisions or serving customers. Those hours could reduce overtime and contracted labor costs or help the existing team increase output and revenue without adding headcount. This example is illustrative, not measured savings at US Citrus. Actual results vary by task, site conditions and oversight required.



More Work From One Platform

Boson sees task automation as another layer of value alongside the built-in cost savings and reliability of electrification. Electric operation can reduce fuel exposure and combustion-related maintenance, while automated tasks can reduce time spent on repetitive routes, improve consistency and allow the same vehicle to support multiple jobs throughout the workday.

About Boson Motors

Boson Motors develops award-winning electric work vehicles engineered for demanding commercial applications. Its heavy-duty platform serves agriculture, golf and turf, municipal, commercial, construction and other work environments with configurations designed for hauling, dumping, spraying, crew transportation, and specialized applications.

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Interested in automating your task with Boson? Reach out to Bryce or sales@bosonmotors.com.

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