

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.

Dr. Mani Skaria, a citrus scientist, grower, and founder of US Citrus known for his work in citrus disease management and the development of the micro-budding grafting technique, put the Boson platform to work in a real agricultural environment. During the case study, the unit logged 454.44 operating hours, 392.76 field miles, and more than 1,000 night patrol missions, achieving a 99% mission success rate with fewer than a dozen human interventions. These results add to Boson's broader field validation, which now includes more than 18,000 hours of manual-unit operation across demanding environments, from the cold of North Dakota to the heat of Texas and California.

Dr. Skaria has described the technology as a "game changer."

That deployment reflects the broader opportunity Boson sees for repetitive work that can be completed consistently without requiring an employee to spend valuable time traveling the same route again and again.

Potential applications include orchard and vineyard mowing, property and equipment patrol, material hauling, scouting, irrigation checks, spraying support, crew support and repeated transportation routes. The same approach can extend beyond agriculture into golf and turf operations, nurseries, solar sites, municipal properties, campuses, construction and industrial operations.

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.

Media Contact

Boson Motors

Bryce Telfer

Bryce.telfer@Bosonmotors.com

559-604-7507

WWW.BOSONMOTORS.COM