News Release

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**John Deere Showcases Machine Safety Solutions and E-Drive Equipment at bauma 2025**

**MOLINE, Ill. (April 7, 2025) —** Focusing on industry innovation and customer success, John Deere introduces new safety and efficiency technologies at bauma 2025. Customers in certain European markets will soon benefit from solutions such SmartDetect™, SmartDetect™ Digital as well as the John Deere SmartWeigh™ payload weighing solution to enhance jobsite awareness and performance. In addition, the 744 X-Tier with E-Drive Wheel Loader offers significant machine upgrades, compared to previous 744 models, including fuel savings, increased productivity and visibility to customers around the globe.

"Our customers encounter a range of challenges on the jobsite daily. By expanding our portfolio of safety features and precision construction technologies into new markets, we strive to enhance operator confidence, to support productivity and performance," said Katie Voelliger, product marketing manager, John Deere. "Our goal is to provide customers with technology tools that empower operators to work - safely and effectively. The full suite of SmartDetect solutions was designed to do exactly that.”

SmartDetect provides visual and audible alerts to the operator to increase situational awareness of people or objects around the machine. This system also provides a distinct audible alarm to alert the bystander. SmartDetect is currently available as an option on the 444-904 P-Tier and X-Tier Wheel Loader models in the United States and Canada.

Making its world premiere at bauma 2025 and available for purchase today in the United States and Canada is John Deere SmartDetect Digital. **SmartDetect Digital** integrates seamlessly with the John Deere Operations Center™ to deliver real-time push notifications for events. SmartDetect Digital also provides weekly reports on SmartDetect technology usage and detailed event summaries. Additionally, the system offers customers event heat maps to optimize jobsite layout and supports safety trend analysis for improved jobsite decision-making and risk management.

**SmartWeigh** for mid-size and large wheel loaders is also expanding into the European market after its successful adoption in the United States and Canada. Designed and supported by John Deere, SmartWeigh is a payload weighing solution that offers precise measurements, dynamic weighing capabilities and easy calibration.

Lastly, the **744 X-Tier Wheel Loader with E-Drive** is shown for the first time at bauma 2025 and currently available in certain European countries, as well as the United States and Canada. The 744 X-Tier features the John Deere exclusive Electric Variable Transmission (EVT) E-Drive system. Boasting a JD9 diesel engine as the primary power source, the torque converter and traditional transmission have been replaced by the EVT system, offering more efficiency. The E-Drive component provides instant power, while simplifying operation and reducing complexity.

To see the latest innovations and equipment solutions by John Deere and The Wirtgen Group, visit booth FS.1011 at bauma 2025. And, to learn more about the latest construction equipment solutions and machine features from John Deere, visit [JohnDeere.com](https://www.deere.com/en/) or [contact your local John Deere dealer](https://dealerlocator.deere.com/servlet/country=US?locale=en_US).

**About John Deere**

It doesn’t matter if you’ve never driven a tractor, mowed a lawn, or operated a dozer. With John Deere’s role in helping produce food, fiber, fuel, and infrastructure, we work for every single person on the planet. It all started nearly 200 years ago with a steel plow. Today, John Deere drives innovation in agriculture, construction, forestry, turf, power systems, and more.

For more information on Deere & Company, visit us at <https://www.deere.com>.