

Products & Practice

JLG E313 Telehandler

JLG Industries, Inc., has released the E313 telehandler. Designed for all-terrain and off-road use, the battery-powered E313 offers zero-emission and low-noise operation for moving materials around indoor construction, urban, residential, and municipal projects. It has a 3500 lb (1588 kg) maximum lift capacity, a 13.1 ft (4 m) maximum lift height, 5.7 ft (1.7 m) forward reach, and 9.3 mph (15 km/h) travel speed. The E313 offers up to 4 hours of continuous operation, or extended intermittent use, for increased productivity. Features include dual onboard battery chargers with 110V and 220V charging adapters, a load stability indication (LSI) system for enhancing jobsite safety by mitigating the risk of accidents during load handling, and the Seatbelt Engagement and Operator Presence system for enhanced safety with the use of visual and audible alarms, as well as limiting machine functions. For increased machine versatility, this electric telehandler comes standard with a universal skid-steer coupler system, allowing it to attach to various existing telehandler and skid-steer loader attachments, including carriages, forks, and buckets. It also has an integrated hitch for hauling tools around the job. It comes standard with JLG's ClearSky Smart Fleet™ management system, allowing for two-way fleet interactivity.



—JLG Industries, Inc., www.jlg.com

TimeVO

IVO Systems announced TimeVO, a timecard solution for heavy civil construction companies. TimeVO makes time tracking easier with auto-populated field employee timecards. It seamlessly integrates with other IVO Systems modules, reducing manual entry and improving accuracy by populating all projects, employees, and equipment from which to select. Additionally, users can save time by copying historical entries from previous timecards. Users can gain instant insights into labor costs as they occur. By auto-populating timecard data and linking it to project budgets, users can make proactive adjustments to stay on track. TimeVO also manages Bid Items (or Phase Codes) and Cost Codes to streamline the job setup process. This integration reduces manual input, minimizes errors, and accelerates project initiation, enabling teams to focus on delivering quality work.

—IVO Systems, Inc., www.ivosystems.com

Ecovolve Electric Dumpers

Brokk Inc. is now a dealer for Ecovolve electric, high-tip dumpers. These compact electric dumpers are a solution for any type of debris removal that requires low-noise, emission-free equipment. Brokk carries the full line of Ecovolve electric dumpers. The ED800 is Ecovolve's most compact electric dumper and is small enough to travel through a 31.5 in. (800 mm) doorway, making it ideal for interior demolition in constricted spaces. It has a 1763 lb (800 kg) load capacity and tipping height of up to 58 in. (1473 mm). Another model, the ED1000, is popular because of its versatile size and capacity. Operators can load up to 2200 lb (998 kg) in the skip and tip up to 58 in. Lastly, the ED1500 is for large loads, with a load capacity up to 3300 lb (1497 kg) and high tipping up to 63 in. (1600 mm). Ecovolve electric dumpers feature batteries that offer 8 hours of continuous work. Running at 65 dB, the noise level is comparable to normal conversation. The ED line also features a 63 in. turn radius, allowing the dumpers to work in a small footprint. Options include a remote control and the Ecochute attachment for placing concrete.



—Ecovolve, <https://ecovolve.eu>

—Brokk Inc., www.brokk.com

Products & Practice

iWeigh Platform

Air-Weigh introduced the iWeigh® onboard scale system. Featuring Bluetooth® and SAE J1939 connectivity, over-the-air updates, and compatibility across vehicles, iWeigh delivers accurate weight data using its Smart Weights® feature. This technology ensures cleaner, more precise weight data, enabling fleets to optimize operations and maintain compliance with weight regulations. Designed for seamless integration, iWeigh works with most Android devices or optional Bluetooth display and can be integrated into vehicle or third-party telematics. It adapts to any configuration—truck, trailer, or tractor-trailer—and supports both air and mechanical suspensions. iWeigh eliminates the need for multiple scale systems. Fleets can start with one vehicle and expand as they grow. Onboard scales help fleets avoid overweight fines, optimize payloads, and reduce fuel costs associated with detours. Additionally, proper load management enhances safety and minimizes wear and tear on vehicles, reducing maintenance expenses and extending equipment life.

—Air-Weigh, www.air-weigh.com

Honda iGX Engines

Honda introduced the iGX design concept, incorporating two new engines, the Honda iGX400 and the Honda iGX430, to expand the company's GX Series engines portfolio. The horizontal-shaft engines will be equipped with smart fuel injection technology and an integrated electronic self-tuning regulator (STR) governor that delivers drive-by-wire remote control capability to manage key aspects of engine operation. The fuel injection technology improves operating efficiencies, eliminates the engine choke, reduces fuel-associated carburetor issues, and provides easier starting after extended storage. The Honda STR governor minimizes engine RPM droop by electronically regulating the throttle opening—allowing the engines to regulate available power when the load changes in demanding commercial environments. The iGX models will offer a standardized method for communication across electronic control units (ECUs). The iGX400 and iGX430 will feature a control panel with an LED indicator that informs the user about potential problems with diagnostic trouble codes. The engines will also feature high power output and torque in a compact design, comparable to the compact base frame footprints of other high-output Honda engines.

—Honda Motor Co., Inc., <https://engines.honda.com>



Command Cloud Payment Processes

Command Alkon is embedding automated payment processes into Command Cloud, allowing for a more efficient and streamlined experience for its customers with the rapid collection of payments. This acceleration in transaction speed leads to improved cash flow and a reduction in receivable balances, allowing companies to reinvest funds back into their operations more swiftly. Automated payments will deliver real-time insights and comparative analyses that enable companies to monitor payment trends effectively and make informed decisions regarding their payment strategies, adapting to consumer preferences and market demands. The payment processing platform will include encryption and security protocols to ensure a safe environment for processing and transmitting sensitive information as well as advanced fraud protection to mitigate financial losses associated with unauthorized transactions and disputes. Payments in Command Cloud will enable building materials suppliers to secure payment methods up front, offering customers the flexibility to finalize purchases or adjust amounts before charges are settled. This will enhance the customer experience by providing more control over transactions and streamlining the payment process.

—Command Alkon Inc., <https://commandalkon.com>

Ignite Attachments Angle Broom

Ignite Attachments announced an angle broom attachment for skid steers and compact track loaders. The attachment's 22.5 in. (572 mm) operating height offers better sightlines in front and to the sides of the attachment, making it easier to operate in tight spaces or near structures. It features a fully reversible drum with individually replaceable polycarbonate bristle wafers, zinc-coated pins and drum carrier components, and a motor-protecting guard make. The angle broom is available in working widths of 72 or 84 in. (1829 or 2134 mm) with a manual or hydraulic angling option and universal harness. Ignite's low-profile angle broom uses 24 in. (610 mm) diameter polycarbonate bristle wafers, which hold up on sidewalks and other abrasive surfaces. Additionally, the entire drum can be removed with just a few bolts, allowing operators to rotate it 180 degrees for even wear across the whole broom. Wafers can also be individually replaced. Both widths allow for a 25-degree max angle from the center. With the hydraulic option, the angle broom comes with a universal harness that works with any compact track loader or skid steer brand. The angle broom also comes standard with Faster flat-faced couplers and full nylon hose sleeves.



—Ignite Attachments, <https://igniteattachments.com>

Twiceme Safety Management Portal

Twiceme Technology announced the Twiceme Safety Management Portal (SMP). The SMP is a comprehensive solution for all safety management value chain components, from ensuring worker certifications to tracking the health and expiration dates of personal protective equipment (PPE). The SMP is a desktop or tablet solution that gives safety managers access to a secure dashboard for their organization and an overview of safety performance at jobsites, including PPE inventory, condition tracking, and records of guided product inspection. With Twiceme's SMP, workers can quickly and easily store their respective certifications in their equipment through the embedded Twiceme near-field communication (NFC) hardware in their PPE. The portal allows safety managers to scan the Twiceme-enhanced PPE to retrieve information on workers' certifications and training history for compliance and inspection. The SMP also streamlines PPE inspections, walking workers through a thorough routine to ensure the equipment is properly maintained and meets safety standards, reducing the risk of equipment failure. Safety managers can then view inspections through the portal. The portal's equipment health tracking feature tells management when safety equipment was last inspected, when it needs its next inspection, and when the equipment should be replaced.



—Twiceme Technology AB, www.twiceme.com

Georgia Boot Carbo-Tec FLX

The Carbo-Tec FLX collection from Georgia Boot has a flexible fit built for hefty demands. New styles in the lineup, the Alloy Toe Waterproof Lacer Work Boots and the Waterproof Pull-On Work Boots, feature durable, long-lasting, and slip-resistant Carbo-Tec Rubber outsoles with a Shovel Shank XL that offers triple the support of a traditional fiberglass shank. Built with FLX-FIT technology, the comfortable advanced memory polyurethane (AMP) insole keeps feet supported throughout the day.

—Georgia Boot, www.georgiaboot.com



GEORGIA BOOT
CARBO-TEC FLX ALLOY TOE
WATERPROOF LACER WORK BOOT



GEORGIA BOOT
CARBO-TEC FLX WATERPROOF
PULL-ON WORK BOOT

Product Showcase

Repair Materials & Tools

Like-Nu Concrete Restoration Kit

Like-Nu Concrete announced the Like-Nu Concrete Restoration Kit. Designed with contractors and homeowners in mind, this spray-on solution makes it easy to transform distressed concrete surfaces into beautiful, like-new condition. Like-Nu's Concrete Restoration Kit uses a proprietary specialized concrete formula. This durable, professional-grade solution is available for users looking to refresh outdoor spaces. Like-Nu's solution offers a spray-on application that is quick to use and cost-effective. Users can complete the restoration process in just 1 to 2 hours, with surfaces drying in as little as 30 minutes. With the Like-Nu Concrete Restoration Kit, the cost is under 1 USD per ft² (0.09 m²). The Like-Nu formula blends seamlessly with existing concrete to restore its natural appearance. The product permeates the concrete, allowing it to breathe. This ensures long-term durability and a like-new finish that resists ultraviolet (UV) damage and wear.

—Like-Nu Concrete, www.likenuconcrete.com



HYTORC LIGHTNING PUMP Series

HYTORC's LIGHTNING™ PUMP is a variable-speed battery-powered hydraulic pump. It was developed to specifically address the need for a cost-efficient, stable power solution when bolting in locations that are remote or do not have easy access to a power source. It is available in two models: The LIGHTNING PUMP Smart and the LIGHTNING PUMP Standard. Both versions have a 48 V, 1170 Wh battery with an oil cooler, USB slot, hard shell case, 0.70 gal. (2.7 L) tank capacity, and a variable-speed brushless direct-current motor. This motor allows the LIGHTNING PUMP's elements to run simultaneously. The smart version is user-friendly and fully automatic—all the user has to do is choose the tool from the options that are shown on the 7 in. (178 mm) screen, enter the torque value, and push the button. The touch display can be used with gloves, making setup easier and safer. Its comprehensive data capture function allows for better-quality records. The pump's IP65 rating means it can work offshore. It can also operate in temperatures up to 60°C (140°F) and as low as -20°C (-4°F).

—HYTORC, <https://hytorc.com>

Pro-Mix Concrete Repair and Advanced Concrete Mix

Sakrete's Pro-Mix™ Concrete Repair is a professional-grade product designed for almost any concrete repair job requiring thicknesses of 0.25 to 6 in. (6.4 to 152 mm). This high-strength and fast-setting mixture is polymer-modified for smooth workability and bond strength. Pro-Mix Concrete Repair reaches 4000 psi (28 MPa) at 3 hours and 7000 psi (48 MPa) at 28 days. With a 15-minute set time, this mixture can be open to foot traffic in under 1 hour. The product is multi-purpose for vertical, horizontal, or overhead repairs, and it meets ASTM C928/C928M, "Standard Specification for Packaged, Dry, Rapid-Hardening Cementitious Materials for Concrete Repairs," and C387/C387M, "Standard Specification for Packaged, Dry, Combined Materials for Concrete and High Strength Mortar Requirements."

Pro-Mix Advanced™ Concrete Mix combines rapid strength gain with extended set time. Ideal for large outdoor placements, this mixture is made for technically demanding repairs of roads, bridges, floor decks, and more. Pro-Mix Advanced Concrete Mix contains durability-enhancing admixtures, including reinforcing fibers, corrosion inhibitors, and air-entraining agents. With an extended 1-hour working time and 3-hour structural strength, it is suitable for applications 1.5 in. (38 mm) and above and yields 0.38 ft³ (0.01 m³) per 50 lb (23 kg) bag.

—Sakrete, www.sakrete.com

