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**JLG Adds New 450AJ
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Lift to Product Line**

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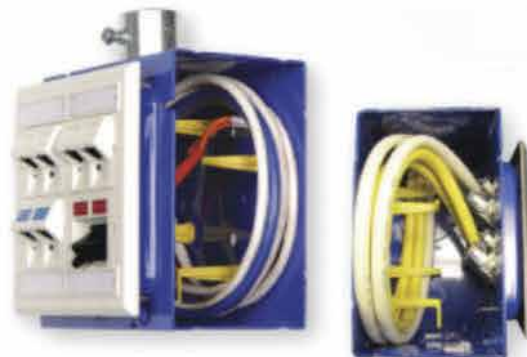
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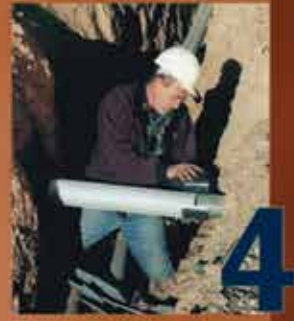
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PG 4	JLG® DaVinci™ AE1932 Scissor Lift — The Future of Electric Scissor Lifts is Here
PG 8	GelFit™ Rocker Knee PadsTB-KP-G201
PG 12	JLG Adds New 450AJ HC3 Hi-Capacity Boom Lift to Product Line
PG 16	Ad Index



Pg 8

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THE ELECTRIC CURRENT

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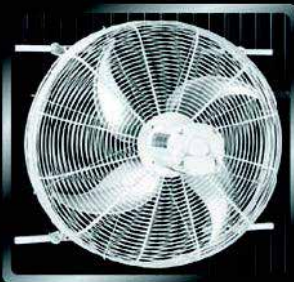
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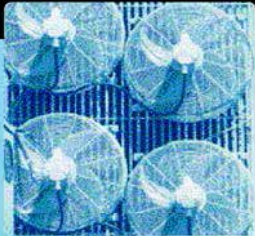
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JLG® DaVinci™ AE1932 Scissor Lift — The Future of Electric Scissor Lifts is Here

Setting new industry benchmarks for performance and maintenance

JLG Industries, Inc., an Oshkosh Corporation company and leading global manufacturer of mobile elevating work platforms (MEWPs) and telehandlers, elevates the access industry once again with its now available all-electric DaVinci™ AE1932 scissor lift. Featuring zero hydraulics to help eliminate job site leaks and zero emissions to help control job site pollution, this 19-ft (5.79 m) scissor lift is purpose-built for applications where stringent environmental regulations must be met.

Every component on the DaVinci scissor is fully optimized, including the control, lift, drive and steering systems, to reduce the machine's energy consumption by up to 70% as compared to a traditional scissor lift. This reduced energy consumption allows for the use of a single, lithium-ion battery.

"The DaVinci AE1932 scissor lift represents the next generation of electrification," says Shashank Bhatia, senior director of engineering for MEWPs at JLG. "While there is no shortage of battery-powered or electric scissor lifts on the market today, these other models continue to include hydraulic cylinders for actuation, which require hydraulic oil for operation, leaving the possibility open for messy leaks on sensitive job sites. JLG continues to push the envelope in innovation around the entire construction ecosystem, from our rental partners to job sites. This new JLG® all-electric machine unlocks new possibilities and applications where these types of machines could not be used in the past due to concerns surrounding leaks."

Control System

DaVinci lifts use a distributed architecture where each system (lift, drive and steer) is connected independently, helping reduce voltage drops and latency, while enabling the control system on the scissor to connect and communicate directly with each system.





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Because the control system is fully connected to the entire machine, the DaVinci scissor can transmit data back to operators, fleet managers and service technicians via Bluetooth and cellular networks. This sets the stage for new features like the DaVinciGo app. This app provides real-time machine health and battery status information and the ability for service technicians to perform remote diagnostics and push over-the-air software updates.

Drive System

The drive system on the all-electric DaVinci lift has permanent magnets which generate torque and create motion to spin the motor. It is estimated that permanent magnet performance can increase the efficiency of a motor by up to 20-30% on average. Motors with permanent magnets have a long life and require zero serviceability.

Steer System

For smooth operation, the independent controllers of the DaVinci lift's steering system are designed to help reduce tire scrubbing on job sites, which helps control tire wear and limits damage to sensitive flooring.

The AE1932's intuitive steering system allows DaVinci lift operators to easily maneuver the machine into and around, narrow-access and space-restricted areas to get work done where it's needed.

Lift System

The lift system on the new DaVinci scissor lift is designed with an electromechanical lift actuator, replacing the hydraulic cylinder design of traditional electric scissor lifts. Since there are no hydraulics, the AE1932 does not leak, which means it can be used without diapers.

"The simplified design makes the AE1932 noticeably different when working at height," says Rafael Nunez, senior product manager of scissor and vertical lifts



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at JLG. “Traditional battery-powered lifts have hoses routed throughout the scissor stack, whereas the DaVinci lift has no hoses for a clean, modern appearance with significantly reduced maintenance and service requirements.”

Furthermore, the DaVinci scissor lift system is engineered to recover energy as the platform descends, sending it back to the battery to help maximize use between charges.

Battery System

DaVinci lifts can be fully charged in as little as 3-1/2 hours, increasing its utilization throughout the workday as compared to traditional electric powered lifts that require up to 3 times longer to charge.

For additional productivity gains, the system can also be opportunity charged in 5 minutes or less for 100 ft (30.48 m) of drive, plus enough torque for loading.

The DaVinci lift’s lithium-ion battery can last up to 10-years, which means that the battery should not need to be replaced, and requires no maintenance, throughout the entire design-life of the scissor lift.

In addition, the DaVinci lift features an advanced battery management system that monitors the machine’s charge and usage, while providing detailed diagnostic information about the battery and charge systems via the DavinciGo App.

Performance Specs

The all-electric DaVinci AE1932 scissor lift answers the industry’s expectation for performance and productivity in 19-ft (5.79 m) scissor lifts, including an indoor/outdoor 606-lb (275 kg) capacity rating.

The DaVinci AE1932 lift has a 4-mph (6.44 km/h) travel speed, which is up to 2x faster than a traditional scissor lift. This enables the machine to move quickly

around job sites.

Another productivity enhancing feature is progressive elevated drive speed, a JLG industry first. This function slows the unit down as its elevated, instead of defaulting to 0.5 mph (0.80 km/h) like a standard scissor lift.

The machine has a compact footprint, weighs 3,450 lb (1,564.89 kg) and 25% gradeability.

DaVinci lifts also comply with the latest ANSI and CSA industry standards, featuring a load sensing system, self-closing gate and the JLG QuikFold rail system. It comes standard with JLG Mobile Control, allowing users to drive, steer and load the scissor lift from any iOS or Android mobile device.

“With its productivity features for end-users, the DaVinci AE1932 scissor lift sets a new benchmark in the industry for both performance and maintenance,” says Nunez.

For more information about the JLG DaVinci AE1932 scissor lift, please visit www.allelectricsscissor.com. For more information about JLG, visit www.jlg.com.

About JLG Industries, Inc.

JLG Industries, Inc. is a world-leading designer, manufacturer and marketer of access equipment. The Company’s diverse product portfolio includes leading brands such as JLG® aerial work platforms; JLG and SkyTrak® telehandlers; and an array of complementary accessories that increase the versatility and efficiency of these products. JLG is an Oshkosh Corporation company [NYSE: OSK]. For more information about JLG Industries, Inc., visit www.jlg.com, or find us on Twitter, Facebook, LinkedIn, Instagram and YouTube.

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GelFit™ Rocker Knee PadsTB-KP-G201

The ToughBuilt® GelFit™ Rocker Knee Pads

Toughbuilt provides the ultimate in stability, comfort, and functionality. What makes these knee pads outstanding is ToughBuilt's premium manufacturing, made to the highest quality standards, ensuring durability to withstand harsh work environments, saving you from constantly buying replacements. The rugged materials make the reliable knee pad withstand the most rigorous working conditions. Made with abrasion-resistant 1680D fabric and hard-wearing, shatter-resistant plastic, the injected gel and foam design ergonomically embraces the natural shape of the knee and upper shin, maximizing pressure distribution for all-day comfort. The high sidewalls prevent the knee pads from twisting off the knee. The EVA elastic leg straps can comfortably maintain its position without cutting off the circulation.

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Product information:

- Size: Rocker
- Color: Black
- Material: Plastic
- Item Dimensions LxWxH: 7.99 x 7.52 x 9.41 inches
- Comfortable GelFit™ gel and foam design
- Ergonomically shaped to embrace the knee and upper shin
- Rocker SnapShells™ easily snap off and interchange with other SnapShells making the perfect kneepad for every job
- Rugged materials and construction
- Abrasion-resistant 1680D fabric
- Rounded design for easy side-to-side movement
- Hard-wearing, shatter-resistant plastic
- Maximizes pressure distribution for all-day comfort
- High side wall greatly reduce twisting off of the knee
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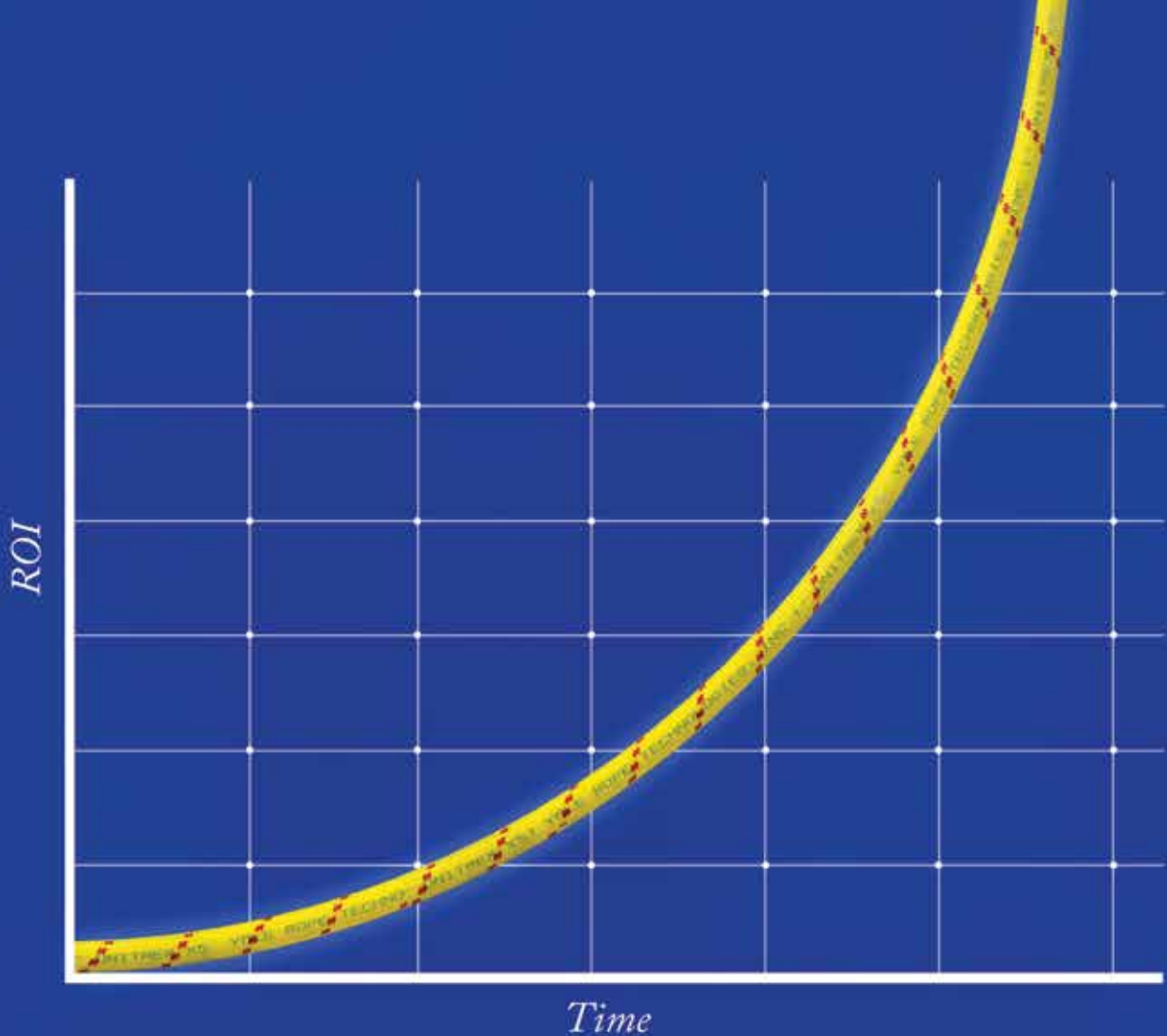
JLG Adds New 450AJ HC3 Hi-Capacity Boom Lift to Product Line

Offering greater flexibility at height

JLG Industries, Inc., an Oshkosh Corporation company [NYSE: OSK] and leading global manufacturer of mobile elevating work platforms (MEWPs) and telehandlers, introduces the new 450AJ HC3 boom lift, adding to the JLG® Hi-Capacity product line that includes articulating and telescopic boom lift models with platform heights ranging from 40-ft (12.19 m) to 86-ft (26.21 m). Designed to offer more flexibility to get work done at height, the 450AJ HC3 model has a 45-ft (13.72 m) platform height and 25-ft (7.62 m) of horizontal outreach. It also features the HC3 product line's three capacity zones — 660 / 750 / 1,000 lb (299.37 / 340.19 / 453.59 kg), giving it the ability to carry up to three occupants and tools to height in every zone.

Complying with the latest ANSI A92.20 / CSA B354.6 industry standards, the 450AJ HC3 boom lift is equipped with the company's innovative zero calibration, automatic load sensing system. To enhance safety and eliminate guesswork for equipment operators, this feature keeps the machine within the allowable work envelope by limiting range depending on platform load. It alerts an operator when the allowable limit of the work envelope is exceeded and enables the operator to boom down or retract into a safe zone to continue working. And, the zero-calibration feature eliminates the need to use external weights to calibrate the machine, saving time and effort because the machine can be recalibrated to full capacity without placing a 1,000-lb (453.59 kg) load in the platform.

"JLG has engineered load sensing technology that is advanced enough to allow operators to respond to an overload situation, quickly and easily," says Randi McClure, marketing manager for boom lifts at JLG. "By removing or unloading items from the machine's platform, for example, the 450AJ HC3 model will recognize



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when it's back within its rated load capacity, then enable operations to resume without the need to recalibrate the machine."

The 450AJ HC3 boom also includes a chassis tilt alarm that alerts the operator when the machine is on a slope greater than five degrees. "This innovative JLG system permits operators to utilize restricted functionality to return the machine to a work area within acceptable operating conditions," says McClure. "Once the machine recognizes that its back within the allowable tilt range, operators are able to reposition the machine or grade the worksite to complete work within the rated load and slope tolerance of the machine."

Enhancing the operator experience, the LED display in the platform and ground controls on JLG HC3 boom lifts improves visibility by sensing ambient light conditions and adjusting brightness to optimize operator comfort and readability.

While this new hi-capacity model may be heavier in weight than its standard model counterpart; it retains the same footprint for ease of transport and use in comparable work environments.

Learn more about the 450AJ HC3, as well as the rest of the JLG hi-capacity boom lift family at: www.jlg.com/en/destination/hc3-boom-lifts.

For more information about JLG® products and services, visit www.jlg.com

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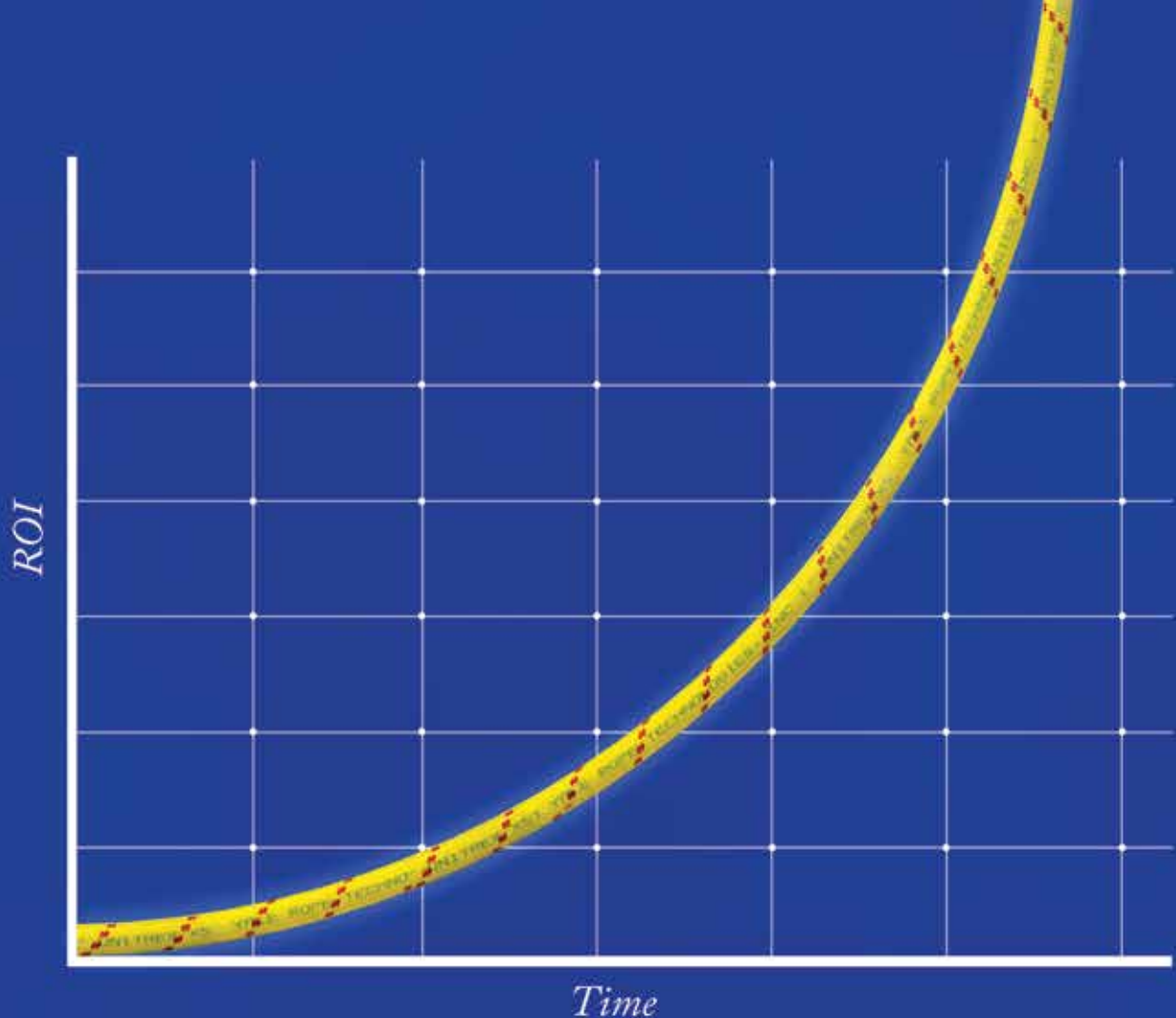
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