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MICHELIN LAUNCHES NEW XHA³ CONSTRUCTION TYRE WITH INTEGRATED VISUAL PRESSURE MONITORING

- The new tyre offers greater durability, stability and comfort, an ideal solution to meet the growing demands of construction machinery
- The MICHELIN XHA³ is the first tyre from the manufacturer to feature Michelin Visual Pressure Control – a patent-pending design innovation
- Total Cost of Ownership (TCO) is improved by 16% in comparison to its predecessor

[Michelin](#) has unveiled the new MICHELIN XHA³, a next-generation construction tyre designed to help operators maximise productivity, reduce operating costs and simplify tyre management across a wide range of applications.

Suitable for loaders, articulated dump trucks (ADTs) and graders, the MICHELIN XHA³ combines durability, versatility and productivity-enhancing technologies, including Michelin Visual Pressure Control – a new patent-pending visual inflation indicator integrated into the tyre sidewall.

Clifford de Jager, CES Technical Manager, Beyond Road – Mining, Construction, Material Handling at Michelin, says: “The MICHELIN XHA³ builds on the proven success of the MICHELIN XHA². It has been developed specifically to meet the demands of increasingly powerful construction equipment and the growing need for machine uptime.

“Designed to perform across varied terrains – from mud to asphalt, including aggressive environments – the MICHELIN XHA³ is engineered to support fast and intensive operating cycles. This versatility helps simplify



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fleet management and reduce inventory complexity by limiting the number of tyre specifications required across mixed fleets.”

A versatile solution for modern construction fleets

Combining robustness and versatility, the MICHELIN XHA³ has been developed for a wide range of construction applications. The new tyre offers a multi-machine design covering E3, L3 and G3 applications.

The MICHELIN XHA³ aims to deliver outstanding productivity performance for loaders and ADTs while supporting operational flexibility across construction sites.

Its innovative design and structure provide up to 20% greater wear life* compared with the previous generation, while also enhancing stability, operator comfort and vibration reduction. The versatile casing architecture supports a high level of retreadability, helping operators maximise tyre value over its service life.

Michelin Visual Pressure Control: a patent-pending innovation

The MICHELIN XHA³ is the first tyre in the Michelin range to feature **Michelin Visual Pressure Control**.

Developed in response to customers’ day-to-day operational requirements, the integrated visual indicator is designed to support routine vehicle inspections, where maintaining correct tyre pressures remains essential for safety, productivity and regulatory compliance.

The system provides a simple visual indication of the tyre’s inflation status without the need for electronic sensors, monitoring devices or external equipment. Operators can quickly identify whether a tyre may require pressure adjustment through a straightforward visual check.



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By making tyre pressure monitoring easier in the field, Michelin says the innovation can help improve safety, streamline daily inspections and optimise tyre performance throughout the working day.

Enhanced performance serving productivity and operating costs

Building on the trusted legacy of the MICHELIN XHA², the MICHELIN XHA³ incorporates several innovations derived from Michelin's expertise in the construction sector.

Its new tread design, featuring increased rubber volume, has been engineered to significantly reduce tyre-related maintenance costs while extending service life.

A reinforced bead area allows the tyre to accommodate the demands of high-torque machinery and delivers up to 20%** additional load capacity, depending on tyre size. The new four-block tread pattern and optimised progressive shoulder radius contribute to enhanced traction across multiple vehicle types and applications.

These performance enhancements help support high-productivity machine cycles, reduce unplanned downtime and improve operational continuity on construction sites. Overall, Michelin estimates that the MICHELIN XHA³ can deliver approximately 16% lower TCO compared with its predecessor. As a result, the MICHELIN XHA³ stands out as a durable, reliable and high-performing solution for construction professionals seeking greater productivity, versatility and long-term value.

The MICHELIN XHA³ will be introduced to the UK market in several dimensions: 29.5 R25 (October 2026), 23.5 R25 (October 2026), and 26.5 R25 (January 2027).

** For the size 29.5 R25 on loader and 23.5 R25 for grader and loader applications.*

***For grader and loader applications in size 23.5 R25.*



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About Michelin

Michelin is building a world-leading manufacturer of life-changing composites and experiences. Pioneering engineered materials for more than 130 years, Michelin is uniquely positioned to make decisive contributions to human progress and to a more sustainable world. Drawing on its deep know-how in polymer composites, Michelin is constantly innovating to manufacture high-quality tyres and components for critical applications in demanding fields as varied as mobility, construction, aeronautics, low-carbon energies, and healthcare. The care placed in its products and deep customer knowledge inspire Michelin to offer the finest experiences. This spans from providing data- and AI-based connected solutions for professional fleets to recommending outstanding restaurants and hotels curated by the MICHELIN Guide.

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