

UNCOMPROMISING QUALITY AND PIONEERING WORLD-CLASS TECHNOLOGY



TECHNOLOGY, RESEARCH & CONFIDENCE

COMBINING WORLD CLASS
TECHNOLOGY WITH INNOVATIVE
TYRE ENGINEERING TO BRING
YOU A NEW LANDSAIL TYRE
RANGE THAT'S BETTER
THAN EVER

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LANDSAIL TYRES IN THE UK?

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OUR PRODUCTION

OUR ADVANCED PROFILE DESIGN, TYRE CONSTRUCTION AND COMPOUND TECHNOLOGY HAVE PUT LANDSAIL AT THE CUTTING EDGE OF PERFORMANCE TYRES.

1  **FULLY AUTOMATED MANUFACTURING SYSTEM**
Automatically streamlines the full production process, maximising consistency and efficiency.

2  **THE WORLD'S MOST ADVANCED ASSEMBLY MACHINE**
VMI MAXX maximises output, quality, ergonomics and flexibility.

3  **AUTOMATED HYDRAULIC CURING SYSTEM**
Enables maximum efficiency with 24 presses operated by a single person.

4  **AUTOMATED GUIDED VEHICLE FACTORY MANAGEMENT**
Robotic units transport items through the factory for optimum efficiency.

5  **AIMS SYSTEM**
Efficiently manages movement through final inspection including uniformity and balance checks.

6  **RESEARCH & DEVELOPMENT**
Landsail tyres have been carefully developed using a combination of 3D computerised simulation, track testing and our in-house testing laboratory.

7  **SIMULATED 3D PATTERN DESIGN**
Advanced 3D computerised simulation testing of all Landsail tread patterns.

8  **TYRE PROFILE DESIGN**
We've perfected the profile and shape of Landsail tyres to optimally disperse contact pressure between the bead and rim for ultimate performance.

9  **ROAD CONTACT**
Intense 3D simulation testing to map surface contact on 3 axes for optimum grip when braking, accelerating and cornering.

10  **IN HOUSE TESTING**
Endurance, dimension and rolling resistance are all vigorously tested to ensure the high standards that we expect from each and every Landsail tyre.

11  **VMI LAT 100 ABRASION TESTING**
Accurately simulates road conditions for fast, efficient laboratory testing of rubber samples to optimise compound design for superior performance.

12  **TRACK TESTING**
All Landsail tyres must prove their performance in the field before production begins.

SIGNIFICANT INVESTMENT IN PIONEERING TYRE TECHNOLOGY HAS TAKEN THE CAPABILITIES OF LANDSAIL TYRES TO NEW HEIGHTS