



TITAN INTERNATIONAL

WORLD LEADER IN OFF-HIGHWAY WHEEL SOLUTIONS

Headquartered in Quincy, Illinois, Titan is the world's largest manufacturer of off-highway wheels for use in agriculture, construction, forestry and mining applications — producing more than 50,000 sizes and types of wheels, ranging from small lawn care applications up to giant 63-inch wheels for mining haul trucks.

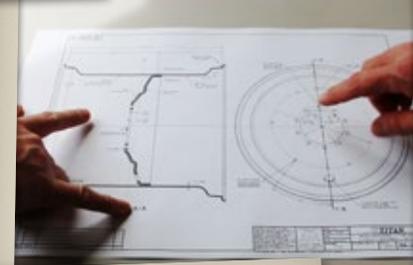
OUR CUSTOMERS

Many of the world's most respected OEMs turn to Titan for both wheel and tire solutions — including AGCO, Caterpillar, CNH, John Deere, Kubota, Mahindra and many more.



WORLD-CLASS PRODUCTION

Our flagship wheel facility in Quincy, Illinois and supporting facility in Saltville, Virginia are ISO-certified, demonstrating some of the most sophisticated design, testing and production processes in the world.



DESIGN AND TESTING

- Pro/Engineer®
- 3-D CAD
- Abaqus® finite element analysis
- CMM inspection
- Bullwheel testing facility

MANUFACTURING

- Rotary roll forming
- Stamping and forging
- Submerged arc, MIG and flash welding
- X-ray and UT weld inspection
- E-coat and new powder coat facility in 2014
- Custom machining and tooling



GLOBAL REACH

With production facilities throughout Europe and a distribution network that spans six continents, Titan serves customers in every corner of the world.



COMPLETE SOLUTIONS

NO WHEEL IS COMPLETE WITHOUT A TIRE TO MATCH — AND OUR UNIQUE POSITION AS A COMPLETE SOLUTIONS PROVIDER FOR WHEELS, TIRES, UNDERCARRIAGES AND TRACKS ALLOWS US TO INNOVATE IN WAYS OTHERS SIMPLY CAN'T.

UNMATCHED INNOVATION

Titan is known for engineering problem-solving solutions that our competitors have trouble matching. Here are just a few examples:

AGRICULTURE

- **Low Sidewall (LSW®) technology**

Our industry-unique LSW design matches a larger-diameter wheel with a lower-sidewall tire, providing performance advantages that cannot be replicated by competitors — including reduced road lope, reduced power hop, decreased soil compaction and improved ride quality.



- **Waffle wheel**

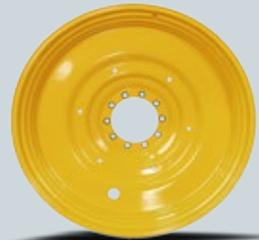
This patented pinned design allows for the best of both worlds, offering the ability to be adjusted for various track widths, while also having the high-load capacity and speed ratings needed for Europe's high-speed applications. No other wheel manufacturer can offer these capabilities.



CONSTRUCTION

- **Single-piece wheel**

Our patented design meets one of the industry's most challenging engineering feats — to increase strength while decreasing weight. This wheel is designed for European high-speed mobile cranes and is rated for 50 mph and 145 psi, while being 20 percent lighter than alternative wheels, allowing for increased machine lifting capacity.



MINING

- **ACT wheel**

Titan pioneered an industry-changing design known as the Accelerated Change Technology (ACT) wheel, which reduces downtime associated with tire changes or rotations by up to 50 percent, by allowing the inner tire to be removed without having to remove the outer wheel.



Contact your Titan dealer today for details ▶

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