



100,000+ standard items, with the ability to modify parts for custom applications & create all-new systems



We deliver market leading results by listening to customers, understanding applications, & leveraging core technologies to produce tires & wheels that excel in the world's harshest environments.

Tire Mounting • Warehousing • Foam-Fill • TyrLyner® • Wheel Inspection/Certification • Subassembly

## Engineering

- **Global Design Teams:** Principal engineering center in Rome, GA, USA with regional design teams located in Omaha, NE, USA; Sault Ste. Marie., Canada; Wuxi, China; & Colombo, Sri Lanka.
- **Core Design Expertise:** Complete solutions for specialty tires, wheels, hubs, integrated wheel/hub assemblies, from 8" (203.2 mm) to 63" (1,600.2 mm) diameters.
- **Software Platforms:** CREO parametric modeling. Legacy applications supported (SolidWorks, AutoCAD, Inventor.)
- **Advanced Tools:** FEA simulations, laser scanning (for benchmarking & design verification), 3D printing for new concept evaluations.
- **Product testing:** In-house testing for tire deflection, static loaded radius & other tire characteristics. Test tracks employed for tread wear analysis on real-world surface conditions. Additional testing by accredited 3rd party partners.

## Manufacturing & Assembly

OTR's proven global wheel manufacturing expertise complements excellence in design & applications engineering.

### Rims & Wheels:

- Custom manufactured rims & wheels from 10" to 63" for extreme-duty rim applications, featuring seamless forgings for all critical sections.
- Fully machined sections for optimal surface contact.
- Submerged arc circumferential welds with ultrasonic inspection to ensure weld integrity.
- CNC precision-drilled bolt hole patterns up to 1.6m to ensure tight tolerances.
- Wet & powder coating paint options with advanced pretreatment & primer systems at facilities in U.S., Canada, China, Thailand & Sri Lanka.

### Assembly

- Tire & wheel mounting.
- Component/system subassembly with automation for key operations & mistake-proofing.



# Global Tire & Wheel Solutions

OTR's global footprint of 34 facilities located in North America, Europe & Asia, ensures local support to key OEM customers & aftermarkets. Manufacturing locations include the U.S., Canada, China, Thailand & Sri Lanka.



**31 Global Facilities**



**1400+ Employees**



**42 Patents**



**125+ Unique Tread Designs**



**4" to 63" Wheels**



**Eco Friendly**

## Engineered Solutions

OTR Wheel Engineering, Inc. is a market-leading global enterprise specializing in off-the-road tire & wheel solutions for original equipment manufacturers (OEMs) & aftermarket customers. Known for tire & wheel innovations, OTR's broad product range, value-added services, & global footprint have solidified our status as a total solutions provider. Founded in 1987 & headquartered in Rome, Georgia, OTR has long established partnerships with wellknown OEMs & distributors & is recognized as a pioneer in developing & supplying tire & wheel systems that set the standard in construction, material handling, turf, and power sports markets.



### Quality Systems

- Industry & OEM compliant
- ISO 9001: 2015 (documents available upon request)
- OEM compliant systems for key customers



### Certifications

- TRA & ETRTO compliant
- FMVSS 110 compliant; EU & REACH compliant
- Select rims meet USA-ASTM Standard: A36/ A1011M, A529 & A572; Din Standard: ST 37-2, ST42-2 & ST 52-3; China
- Standards: Q235, Q275, Q345



### Markets Served

- Ag & Forestry
- Construction
- Lawn & Garden
- Material Handling
- Mining
- Powersports
- Specialty Vehicle



### Company Info

- DUNS Number: 62-140-0589
- SIC Code: 5014
- Tax ID Number: 82-2954039 (OTR International, Inc.)