

bandag

SALES PLAYBOOK

Do more and save more with the most trusted name in retreads.





WHY BANDAG?

WE PIONEERED IT

In 1957, Bandag changed the trucking industry by providing fleets across the continent with a smarter tire solution.



Roy Carver, Founder

WE LEAD IT

Bandag is the world's leading supplier of retread rubber. In fact, one in every five truck tires on American roads are Bandag retreads.*



65 YEARS OF INNOVATION

A trusted leader in the tire retread industry

WE'RE MOVING IT FORWARD

Building greener retreads. More innovative technology. Maximizing fuel efficiency. We'll never stop improving what's already a better tire solution.



THE BANDAG DIFFERENCE

While other retreading systems source their equipment from multiple suppliers, Bandag uses the only vertically integrated retread system in the industry. From rubber pressing to equipment manufacturing to tread application, each step in the process is designed to work together flawlessly.

- All tread rubber is manufactured at ISO 9001:2008 certified plants.
- 90% of Bandag equipment is manufactured in-house by the most experienced retread equipment manufacturing group in the world.*
- The highest standards: Every Bandag dealer must pass an annual audit of over 150 requirements. More than 50 highly trained field-based technicians work full-time to ensure the highest quality standards are maintained within the franchised dealer network.
- More than 98% of Bandag dealers use shearographic analysis to identify casing anomalies.
- This advanced technology means we find imperfections that even new tire manufacturers might miss.
- Dealer equipment is inspected and maintained by Bandag's own Technical Services Group, the largest and most experienced group of technicians in the industry* - because your retread is only as good as the equipment it's built on.

WE'VE GOT YOU COVERED

Bandag offers the best coverage in North America.*

OVER
200

RETREAD MANUFACTURING PLANTS

Not only do we have more than twice as many plants as our nearest competitor, but each and every Bandag facility must pass a 150-point annual inspection - the most rigorous in the industry.

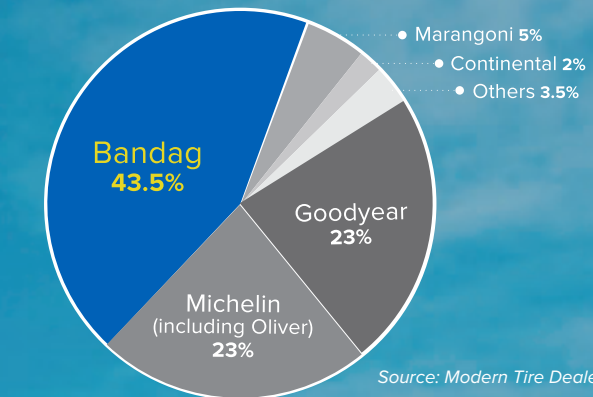
2,500+
POINTS OF SERVICE

With more points of service than any other tire manufacturer,* Bandag has you covered with the most comprehensive roadside service network in the industry.

BANDAG. THERE'S NO BIGGER NAME IN RETREADS.

With almost double the market share of our nearest competitors, there's no bigger name in retreads. That's why more fleets come to us for leading products, expert advice, and unrivaled service.

* Source: Why Bandag brochure, 2017



Source: Modern Tire Dealer, Facts Issue, January 2020

* Source: Why Bandag brochure, 2017



SMARTER TIRE MANAGEMENT

BASys Manufacturing is an inclusive suite of tools that lets you focus on your business, while allowing you to track casings through each production checkpoint and then to its next destination, be it a point of sale, a warehouse or back to the customer.



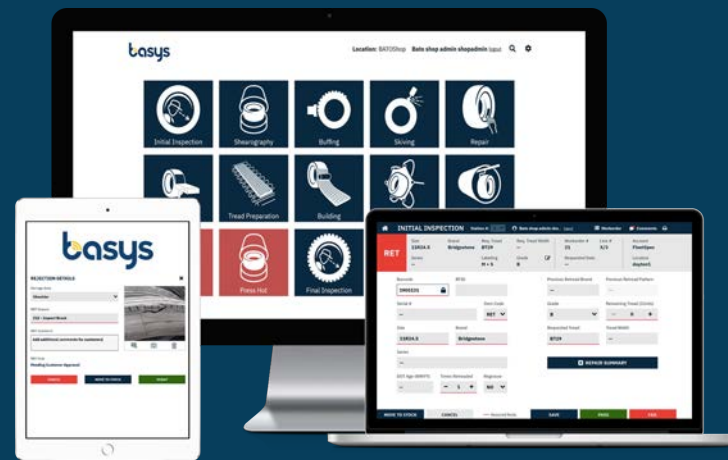
WHY BASYS?

- Real-Time Inventory Tracking Across Dealers
- Fleet Specs Shared Seamlessly Across the Dealer Network
- Brand Casing Retreadability
- Retread/Repair History by Vehicle Number
- Retread/Repair History by Tire Tag Number
- Casing Rejection Analysis

BASys Manufacturing is just good business.

Bandag's proprietary BASys Manufacturing uses customer profiles so you can ensure customer specifications for retreading and repairs are being met every time you touch a fleet's tires.

BASys Manufacturing provides real-time retread plant performance by casing size, brand and series to help fleets make informed decisions on their future retread and new tire purchases - contributing to your value as a dealer.



Example BASys screen shots



TOOLBOX: YARDCHECK AUTOMATED TIRE MANAGEMENT

Toolbox is Bridgestone's proprietary digital solution for tire assessment. Designed to deliver meaningful & actionable insights, increasing customer tire management efficiency and reducing total cost of ownership.



YARD CHECK / IN SERVICE TIRE AUDITS

Conduct quick surveys of your tires on vehicles and record all maintenance issues requiring servicing.



TIRE MANAGEMENT

Asset tracking & performance monitoring. Reporting that provides immediate actions needed to avoid additional spend for Emergency Road Service or driver down time.



OUT OF SERVICE TIRE AUDITS

Record the state of all tires removed from service and better understand your removal reasons.



MODERN RETREADING: A LESSON IN SIMPLICITY

In 10 expedient stages, the process is complete, and your fleet is safely back on the road. BASys Manufacturing is where it starts. Bandag dealers with this technology assign a unique barcode to every casing so it can be tracked in real time, making retreading more efficient. Here's how the rest of the process unfolds.



OFFER A PLANT TOUR TODAY!

Give fleets a behind-the-scenes view of the world-class retread manufacturing process. The Bandag plant tour highlights the unique ways that Bandag extends the life of a tire casing, reduces environmental waste, and saves you money on tire expenses. Personalized tours will last 30-45 minutes.



Step 1: Initial Inspection

Trained Bandag specialists perform a visual, hands-on inspection from bead to bead inside and out. This is done to find and mark all visible injuries.



Step 2: Electronic Inspection

Actual damage can be closely evaluated by looking "through-the-tire" in the crown and sidewall areas that may not be visible to the naked eye.



Step 3: Shearography

This determines conditions within the casing, subjecting it to a vacuum while lasers measure surface anomalies. An animated visual of the anomalies determines casing condition.



Step 6: Applying Cushion

An uncured bonding layer is extruded onto the prepared casing surface and all skives are filled. The casing is ready for a new tread.



Step 7: Building

A new tread is automatically applied with attention to precise detail. The tread must be straight and perfectly centered on the casing.



Step 8: Enveloping

The assembled but uncured tire is encased in an elastic envelope and prepared for curing.



Step 4: Buffing

The casing is inflated to its operational shape. The process removes the worn tread surface, trues up the roundness and prepares the surface for a new tread.



Step 5: Repair

Any damaged material identified during initial inspection is removed and repairs are made, essentially returning the casing to a useful life.



Step 9: Curing

The curing chamber causes the bonding layer in the tire to cure and permanently adhere the new tread.



Step 10: Final Inspection

A visual, hands-on inspection is repeated to ensure our quality specifications are met.



Bandag Retread Plant Tour

Give a tour of a Bandag retread plant. Show the process from beginning to end, which includes repairing a damaged casing and applying tread.

DRIVE COSTS DOWN

Fleets that want to save more turn to retreads. Use our retread calculator to see how it works.



Visit [Bandag.com/en-us/resources/savings-calculator](https://www.bandag.com/en-us/resources/savings-calculator) to use the retread calculator.



SAVINGS CALCULATOR

CHOOSE YOUR SEGMENT

Longhaul



TOTAL SAVINGS¹

\$243,907

PER YEAR



Drive

How many tires?

160

How much do you pay for a new drive tire?

\$450



Trailer

How many tires?

240

How much do you pay for a new trailer tire?

\$350

For illustrative purposes only.

All values are calculated using U.S. dollars and U.S. customary units.

¹ Results are estimates and are used for illustrative purposes only. Many variables will affect your results. For more information please contact your local Bandag dealer or Bridgestone Commercial Sales representative.

FUELTECH

FuelTech retreads. A lower total cost of ownership solution.



UAP2™ ALL-POSITION

APPLICATION

- Truckload
- Less Than Truckload

17/32^{NDS}

Conventional

SmartWay® / CARB

Fuel-efficient retread designed for all-position applications in regional and P&D service.



B710™ DRIVE

APPLICATION

- Truckload
- Less Than Truckload

25/32^{NDS}

Tandem

SmartWay® / CARB

Fuel-efficient retread designed for tandem-axle drive applications in long-haul and regional service.



B760™ DRIVE

APPLICATION

- Truckload
- Less Than Truckload

23/32^{NDS}

Tandem

SmartWay® / CARB

Premium retread designed for tandem-axle drive applications in long-haul and regional service.



HT5™ DRIVE

APPLICATION

- Truckload
- Less Than Truckload
- Distribution & P&D

25/32^{NDS}

Single Axle

SmartWay® / CARB

SmartWay & CARB compliant, aggressive open shoulder tread designed for tough single axle applications.



B123™ TRAILER

APPLICATION

- Truckload

11/32^{NDS}

Single | Tandem Axle

SmartWay® / CARB

The B123 FuelTech tread combined with R123 casing reduces energy loss by 4.7% for optimum fuel efficiency.

B835™ B135™



WIDE BASE

Tandem Axle

SmartWay® / CARB

B835™ - Fuel-efficient wide base retread designed for tandem axle drive applications.

B135™ - Bandag's most fuel-efficient wide base retread designed for tandem-axle trailer applications.

| LONG HAUL | REGIONAL | TRUCKLOAD /LTL |
|------------------|----------|----------------|
| B710 | | |
| B760 | | |
| B835 - WIDE BASE | | |
| B123 | | B135 WIDE BASE |
| | UAP2 | |
| | | HT5 |



FLEET MANAGEMENT MADE SIMPLE.

All of our solutions are thoughtfully designed to be simple to implement, optimize and manage so you can spend less time on tire maintenance and management and more time driving your business forward.

Every fleet is unique, so you'll never see a one-size-fits-all package of our automated solutions. Our team will work with you to fully understand your goals and help you customize a package of our solutions that's right-sized for your needs. Talk with your Bridgestone Sales Representative to start building the right package for you.



ACHIEVING SUPERIOR TIRE PERFORMANCE

For nearly 60 years, Bandag retreads have built a solid reputation based on a commitment to quality, innovation and focus on improving tire performance and your bottom line. The Bandag retread process is patented and unmatched in the industry, ensuring each retread is carefully inspected for quality and consistency to optimize your tire program at a fraction of the cost of new tires.



MANAGING YOUR FLEETS & ASSETS

BASys™

A tire and retread asset management platform that provides predictive analysis and asset tracking to increase your productivity and uptime.

Treadnet™

An inventory management platform where you can order, manage and maintain your inventory levels for optimal investment.



TRACKING TIRE PERFORMANCE DATA

IntelliTire™

Real-time visibility into tire performance data and trends, enabling you to proactively avoid downtime incidents, save on tire costs, and keep your fleet running safely.



MINIMIZING DOWNTIME WITH PREDICTIVE MAINTENANCE

REACH™

An open, start-to-finish driver productivity platform that centralizes communication between fleets and the closest service providers instantaneously, getting you back on the road faster than ever before—no call center, no phone calls, no waiting.

ToolBox™

Stay on top of your fleet's tire needs with the ToolBox system, in-person tire inspections and tracking to help you assess tire health and equipment needs and proactively avoid downtime incidents.



TIRE MONITORING SOLUTIONS

IT'S TIME TO MOVE EVERY FLEET MORE INTELLIGENTLY THAN EVER BEFORE.

At Bridgestone Commercial, intelligent means finding solutions to your biggest problems before they become problems - and preventing downtime before it ever goes down.

Intelligent is lower costs, greater outcomes, and better business for every fleet, every step of the way.



INTELLIGENT TIRE MONITORING
AUTOMATED TPMS



- Increased uptime
- Reduce tire related costs
- Improved fleet safety
- Hardware agnostic
- Improved casing life
- Easy to install
- Simple to use software
- Real time alerting

FEATURES

MEASURES & MONITORS TIRE PRESSURE AUTOMATICALLY

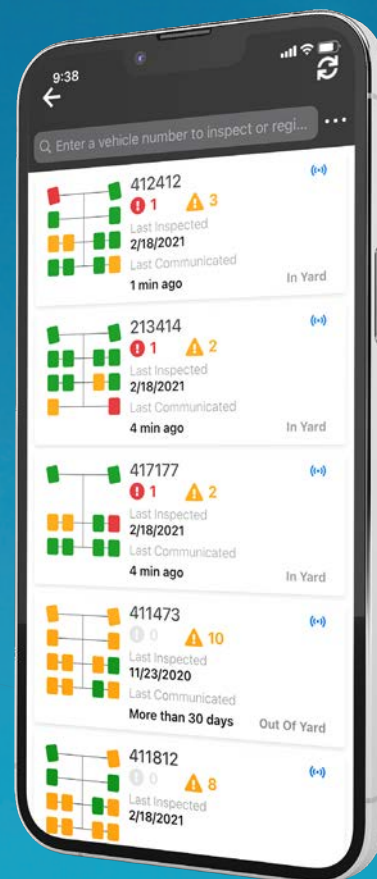
It measures and monitors tire pressure automatically - designed to decrease emergency roadside service calls and increase efficiency.

SIMPLIFIES FLEET TIRE MAINTENANCE AUTOMATICALLY

The IntelliTire™ app makes tire maintenance simple for fleets by putting actionable insights and easy-to-use reports in their hands at all times. And as a brand agnostic platform, it will work for any tire - any fleet!

GO INTELLIGENTLY WITH INTELLITIRE™

DOWNLOAD THE APP NOW

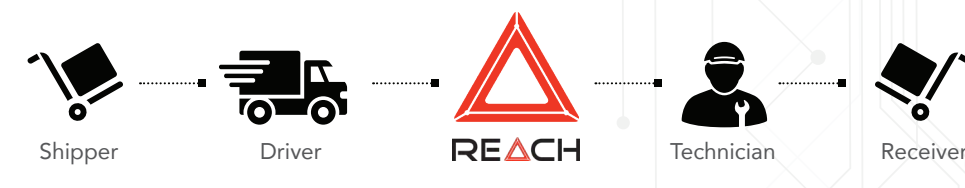


REACH

IT'S TIME TO MOVE THE BOSS MORE EFFICIENTLY THAN EVER BEFORE.

An open, start-to-finish driver productivity platform that centralizes communication between fleets and service providers.

Bridgestone Commercial is proud to introduce REACH - a driver productivity platform designed to reduce downtime with Go Time. The REACH app makes preventative maintenance, roadside assistance and other vehicle service requests simpler and more efficient for fleets of all sizes.



- BRAKES CHECKED
- TIRE REPLACED

REDUCE DOWNTIME FOR FLEETS

FEATURES

REAL TIME UPDATES

Ready for an easy-to-use service delivery solution with real-time status updates and GPS support? It's within REACH.

ON-DEMAND REPORTS

Ready to have on-demand Driver Vehicle Inspection Reports in your hands at the click of a button? They're within REACH.

SAVE TIME & MONEY

Ready to save time and money with the most direct connection to emergency roadside services? It's all within REACH.

LESS DOWN TIME

REACH centralizes communications between drivers, equipment providers, and service technicians - enabling the BOSS to get vehicles back up and running as quickly and conveniently as possible.

DOWNLOAD THE APP NOW



GO GREEN TO SAVE GREEN

As a member of the Bridgestone family, Bandag's commitment to the environment is stronger than ever. Since 1957, we've kept an estimated 300 million tires out of the waste stream and saved some 4 billion gallons of oil—all while helping fleets lower operating costs¹ with retreads that perform like new tires at a fraction of the price.

In support of Bridgestone's mission "to help ensure a healthy environment for current and future generations," Bandag is a leader in sustainability practices, starting with the production of some of the lowest rolling resistance retreads on the market.

Going green is not just a trend to us—it's part of who we are.

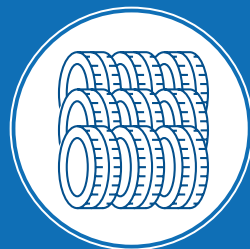
SUSTAINABILITY SAVINGS ADD UP

In 2021 alone, Bandag production saved over:



94 MILLION

Gallons of oil



186 MILLION

Pounds of tire waste



261 MILLION

Pounds of total waste



168 MILLION HOMES

Equivalent energy savings from retread production to homes powered per day



¹ Reduction in tires estimated based on available Bandag production history from 1957 to 2015. Lower operating costs refer to the average cost savings generated by using Bandag retreads compared to new tires only.



TRUCKERS AGAINST TRAFFICKING

Modern-day slavery, or human trafficking exists whenever people are bought and sold for forced labor or commercial sex. Around the world, it is estimated that there are over 40 million slaves today. Human trafficking has been reported in all 50 states, and the number of victims in the United States is estimated in the hundreds of thousands.

While illegal, human trafficking is a booming business. Traffickers recruit out of our schools, online, in shopping malls, as well as the streets and other locations. A large percentage of the people trafficked are women and children. Many of them are used in the sex industry. They are the prostituted people on the street and in private homes, and in legitimate businesses such as restaurants, truck stops and motels. They need to be identified and recovered.

You Can Make a Difference

This is where you come in! Truckers Against Trafficking recognizes that members of the trucking, bus and energy industries are invaluable in the fight against this heinous crime. As the eyes and ears of our nation's highways, you are in a unique position to make a difference and close loopholes to traffickers who seek to exploit our transportation system for their personal gain.

Make the Call, Save Lives • 1-888-3737-888 (US) • 1-833-900-1010 (Canada)
01800-5533-000 (Mexico) • Text **INFO** or **HELP** to **BeFree** (233733)

OVER 40 MILLION VICTIMS
OF HUMAN TRAFFICKING
GLOBALLY

\$150 BILLION
CRIMINAL INDUSTRY ACROSS
NORTH AMERICA

41% OF REPORTS IN LAST
5 YEARS INVOLVED MINORS

715 CASES REPORTED
INVOLVED OVER 1,300 VICTIMS



For more information, visit
TruckersAgainstTrafficking.org



Source: TruckersAgainstTrafficking.org





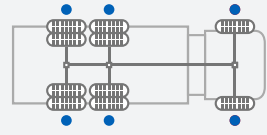
bandag

MILE AFTER MILE

From truckload to off-road, Bandag has you covered with all of your application needs. The most popular tire brand on the road, new or retread, Bandag is continually setting the bar higher for retread reliability, sustainability & fleet savings. Plus, when paired with Bridgestone & Firestone's industry-leading casings, Bandag retreads deliver performance equal to competitive new products. Choosing retreads is about protecting your bottom line while understanding the bigger picture. There are cost savings for you, economic benefits for the whole industry and energy savings for the whole planet.

[VIEW BANDAG PRODUCTS](#) →

PREMIUM ALL-POSITION



THE FLEETS WE DEPEND ON DEPEND ON BANDAG

Less Than Truckload / Truckload / Distribution & P&D



UAP2™ FUELTECH

- APPLICATION**
 - Truckload
 - Less Than Truckload
- 17/32^{NDS}
- Conventional
- SmartWay® / CARB

Offers improved performance over our previous generation all-position retread products for tough city and on-highway applications. Design changes and a proprietary compound delivers long wear life and low rolling resistance while a unique triangle sipe improves shoulder durability.

Tread Widths Available: 190MM, 200MM, 210MM, 220MM, 230MM, 240MM



BRR-UWB™

- APPLICATION**
 - Truckload
 - Less Than Truckload
 - Distribution & P&D
- 16/32^{NDS}
- Wide Base

Features a deeper tread for more miles before removal and straight grooves for excellent water evacuation, ideal for higher scrub trailer applications.

Tread Widths Available: 390MM

Waste



BRM3™

- APPLICATION**
 - Waste
- 26/32^{NDS}
- Conventional

A proprietary compound and advanced design in next generation BRM3™ improves wear life and durability over predecessor Bandag BRM2™ tread product. Combined with improved wet traction, BRM3™ delivers more performance for refuse applications. **Tread Widths Available:** 210MM, 220MM, 230MM, 240MM, 250MM, 260MM, 270MM, 280MM, 295MM, 320MM, 345MM, 365MM, 390MM, 400MM, 410MM



BRM-WB™

- APPLICATION**
 - Waste
- 20/32^{NDS}
- Wide Base

Wide base tread designed to provide better wear across multiple wheel positions through a rib-lug design and solid shoulders to combat scrubbing.

Tread Widths Available: 290MM, 320MM, 340MM, 365MM, 390MM

Severe Service



BRSS™

- APPLICATION**
 - Severe Service
- 20/32^{NDS}
- Single | Tandem | Straight

An all-position on/off highway tread designed to extend wear life in regional haulers who also travel off-road as part of their work. Engineered to resist stone retention through optimized groove shapes to assist with extending the life of your casing.

Tread Widths Available: 190MM, 200MM, 210MM, 220MM, 230MM, 240MM



BRX2™

- APPLICATION**
 - Severe Service
- 22/32^{NDS}
- Single | Tandem | Straight

All-position rib design for a wide range of on/off road applications. Designed to promote uniform wear in various applications.

Tread Widths Available: 190MM, 200MM, 210MM, 220MM, 230MM, 240MM, 250MM, 270MM



WIDE BASE RIB

- APPLICATION**
 - Severe Service
- 16/32^{NDS}
- Wide Base | Radial & Bias

Wide base radial & bias rib tread designed for the severe service application.

Tread Widths Available: 15, 16.5, 18

Light Truck




METROMAX RIB
Light Truck

- APPLICATION**
 - Less Than Truckload
 - Truckload
 - Distribution & P&D
- 13/32^{NDS}
- 16/32^{NDS}
- Commercial | Recreational

Designed for all wheel positions in light commercial applications that deal with severe inner city driving conditions as well as highway usage.

Tread Widths Available: 160MM, 170MM, 180MM, 195MM, 205MM, 210MM

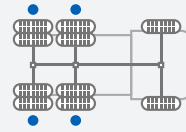
“When you combine the development of procedures and processes to produce retreads...the quality of the retread has risen to be the equivalent to a normal (new) tire.”

John Woodrooffe, Professor Emeritus, University of Michigan Transportation Research Institute

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PREMIUM DRIVE



THE FLEETS WE DEPEND ON DEPEND ON BANDAG

Less Than Truckload / Truckload / Distribution & P&D

Less Than Truckload / Truckload / Distribution & P&D



B710™ FUELTECH

- APPLICATION**
 - Truckload
 - Less Than Truckload

25/32^{NDS}
Tandem
SmartWay® / CARB

Engineered to complement the Bridgestone M710™ Ecopia™ radial tire. An achievement in low rolling resistance design, the B710 delivers excellent mileage and performance, plus all the eco-friendly benefits of retreading for tandem drive axles in over-the-highway use.

Tread Widths Available: 210MM, 220MM, 230MM, 240MM



B760™ FUELTECH

- APPLICATION**
 - Truckload
 - Less Than Truckload

23/32^{NDS}
Tandem
SmartWay® / CARB

A drive retread is designed for tandem-axle tractors in truckload and less-than-truckload applications, and was specifically engineered to complement the Bridgestone M760 Ecopia™ radial tire.

Tread Widths Available: 210MM, 220MM, 230MM, 240MM, 390MM



HT5™ FUELTECH

- APPLICATION**
 - Truckload
 - Less Than Truckload
 - Distribution & P&D

25/32^{NDS}
Single Axle
SmartWay® / CARB

SmartWay & CARB compliant, aggressive open shoulder tread designed for tough single axle applications.

Tread Widths Available: 210MM, 220MM, 230MM, 240MM



MEGATREK™

- APPLICATION**
 - Truckload
 - Less Than Truckload
 - Distribution & P&D

26/32^{NDS}
Single | Tandem | Straight

Tread design and compound built for long lasting performance that helps you lower your tire operating costs over the life of the your truck. That's MegaTrek, a deep aggressive tread design with solid shoulders that keeps your truck rolling for the long haul.

Tread Widths Available: 200MM, 210MM, 220MM, 230MM, 240MM



ULTRA DRIVE™

- APPLICATION**
 - Truckload
 - Less Than Truckload
 - Distribution & P&D

26/32^{NDS}
Single | Tandem | Straight

A deep, all weather tread pattern that offers reliable traction and mileage for a range of applications.

Tread Widths Available: 200MM, 210MM, 220MM, 230MM, 240MM, 250MM, 260MM



BDR-HT3™

- APPLICATION**
 - Truckload
 - Less Than Truckload
 - Distribution & P&D

28/32^{NDS}
Single Axle

Designed for high-torque, single-axle tractors in LTL situations, the BDR-HT3 is more durable than ever.

Tread Widths Available: 210MM, 220MM, 230MM, 240MM



B835™ FUELTECH

- APPLICATION**
 - Truckload
 - Less Than Truckload

23/32^{NDS}
Wide Base
SmartWay® / CARB

A wide base drive tread design complements the Bridgestone Greatec™ M835™ Ecopia™. It features an advanced fuel-efficient compound to produce long tread life and exceptional fuel economy for fleets using wide base tires on tandem axles in over-the-highway service.

Tread Widths Available: 390MM, 400MM



BDR-HG™

- APPLICATION**
 - Truckload
 - Less Than Truckload
 - Distribution & P&D

27/32^{NDS}
Tandem

Over-the-road tandem axle drive tread holds traction as tread wears. A high grip design and long-wearing compounds deliver outstanding traction and mileage.

Tread Widths Available: 210MM, 220MM, 230MM, 240MM



BDR-HGL™

- APPLICATION**
 - Truckload
 - Less Than Truckload

23/32^{NDS}
Tandem

Over-the-road tandem axle drive tread holds traction as it wears. High-grip design and long-wearing compounds deliver outstanding traction and mileage.

Tread Widths Available: 210MM



BDR-W™

- APPLICATION**
 - Truckload
 - Less Than Truckload
 - Distribution & P&D

27/32^{NDS}
Single | Tandem | Straight

Snow, sleet, ice and rain can't keep northern fleets from doing business six months out of each year. BDR-W is specifically designed to perform in harsh winter conditions on tandem axle drive applications in truckload and less-than-truckload service. **Tread Widths Available:** 200MM, 210MM, 220MM, 230MM, 240MM, 250MM, 260MM



BDR-AS™

- APPLICATION**
 - Truckload
 - Less Than Truckload
 - Distribution & P&D

22/32^{NDS}
Single | Tandem | Straight

Designed to give your trucks traction in almost any weather condition. The BDR-AS delivers the gripping power to get you to where you need to be.

Tread Widths Available: 170MM, 180MM, 190MM, 200MM, 210MM, 220MM, 230MM, 240MM



BDR-UWB™

- APPLICATION**
 - Truckload
 - Less Than Truckload

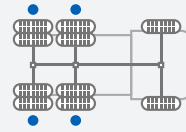
24/32^{NDS}
Wide Base

Wide base tread designed to deliver great tread wear for truckload/LTL applications.

Tread Widths Available: 380MM, 390MM



PREMIUM DRIVE



THE FLEETS WE DEPEND ON DEPEND ON BANDAG

Less Than Truckload / Truckload / Distribution & P&D

Waste

FCR™ DRIVE

APPLICATION

- Truckload
- Less Than Truckload
- Distribution & P&D

20/32^{NDS}
Tandem Axle

This specially compounded, high mileage tread provides great traction while still allowing for excellent fuel efficiency in the drive position.

Tread Widths Available: 8, 8.5, 9, 230MM

BDL™

APPLICATION

- Truckload
- Less Than Truckload

20/32^{NDS}
Single | Tandem | Straight

Designed for a wide range of applications. Tie bars stabilize shoulders for even, uniform wear. Open lug design delivers off-road traction.

Tread Widths Available: 190MM, 200MM, 210MM, 220MM, 230MM

GRIPPER™

APPLICATION

- Truckload
- Less Than Truckload
- Distribution & P&D

22/32^{NDS}
Single | Tandem | Straight

High traction tread designed for truckload and LTL fitments in an industrial application.

Tread Widths Available: 6, 7, 8, 8.5, 9

BDM3™

APPLICATION

- Waste

32/32^{NDS}
Single | Tandem

BDM3 is the next generation refuse drive tire designed to extend tread life and maintain traction over its predecessor BDM2. The BDM3 also utilizes a new stone rejection technology that will assist in extending casing life.

Tread Widths Available: 210MM, 220MM, 230MM, 240MM, 250MM, 270MM, 280MM

ECL™ MUD & SNOW

APPLICATION

- Truckload
- Less Than Truckload
- Distribution & P&D

22/32^{NDS}
Single | Tandem | Straight

Aggressive drive tread designed for truckload, LTL, and P&D applications.

Tread Widths Available: 6, 7, 8, 8.5, 9

ECL™ DRIVE

APPLICATION

- Truckload
- Less Than Truckload
- Distribution & P&D

22/32^{NDS}
Single | Tandem | Straight

Drive tread designed for truckload, LTL, and P&D applications.

Tread Widths Available: 8, 8.5, 9, 9.5

WINTER DEEP™

APPLICATION

- Truckload
- Less Than Truckload

26/32^{NDS}
Single | Tandem | Straight

Aggressive drive tread designed for truckload, LTL, and P&D applications.

Tread Widths Available: 7, 8, 8.5, 9

RETREADS AND THE IMPACT ON THE ENVIRONMENT

When it comes to retreads, life-cycle analysis on major tire brands¹ have demonstrated substantial benefits to the environment. These studies detail a host of benefits that impact global warming, resource reductions, CO₂ and particle emissions, and even land usage. For example, a single 18-wheel truck that utilized retreaded tires in lieu of new tires would save enough energy to power 29,000 homes for one hour.²



Reduced CO₂ emissions by **24%**



Reduced natural resource extraction by **24%**



Reduced water consumption by **19%**



Reduced air pollution by **21%**



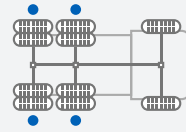
Reduced land use by **29%**

¹ The socio-economic impact of truck tyre retreading in Europe. October 2016.

² Report on "Retread Tires in the United States and Canada." This analysis considered only the manufacturing phase of the value chain and would likely increase if all phases were considered.

Source: Bandag.com/en-us/research-center/retreads-and-the-impact-on-the-environment

PREMIUM DRIVE



THE FLEETS WE DEPEND ON DEPEND ON BANDAG

Waste

Severe Service

Severe Service



WBD-A™

APPLICATION

- Waste

25/32^{NDS}
Wide Base - Radial & Bias

This deep, asymmetric and aggressive tread design is specially designed for waste fleets where there is constant turning in a single direction.

Tread Widths Available: 290MM, 315MM, 340MM, 365MM, 390MM



BDY2™

APPLICATION

- Severe Service

32/32^{NDS}
Single | Tandem

Designed for enhanced traction on unimproved surfaces found in such environments as logging and oil fields.

Tread Widths Available: 210MM, 220MM, 230MM, 240MM



BLSS™

APPLICATION

- Severe Service

32/32^{NDS}
Single | Tandem

On/off highway drive tread designed to extend wear life for those who travel off-road as part of their work. The BLSS enlist Bridgestone's new stone rejection technology to resist stone retention. Bandag's specialized tread compound resist cutting and chipping which gives you piece of mind while driving in on and off-road environments. **Tread Widths Available:** 200MM, 210MM, 220MM, 230MM, 240MM, 250MM, 270MM



ROCK LUG DEEP UNDERTREAD

APPLICATION

- Severe Service

30/32^{NDS}
36/32^{NDS}
41/32^{NDS}
Single | Tandem - Radial & Bias

Deep tread designed for single and tandem axle, radial and bias severe service applications.

Tread Widths Available: 9, 12, 13, 14



LUG TRAC

APPLICATION

- Severe Service

28/32^{NDS}
Single | Tandem

Deep tread designed for single and tandem axle, severe service applications.

Tread Widths Available: 8.5, 9, 10



WIDE BASE LUG

APPLICATION

- Severe Service

18/32^{NDS}
Wide Base - Radial & Bias

Wide base tread designed for radial and bias severe service applications.

Tread Widths Available: 15, 16.5, 18

Severe Service



B799™

APPLICATION

- Severe Service

28/32^{NDS}
Wide Base

Severe service drive tread designed to perform in mixed-service environments such as construction sites and oil fields.

Tread Widths Available: 210MM, 220MM, 230MM, 240MM



WBSS™

APPLICATION

- Severe Service

30/32^{NDS}
Wide Base - Radial & Bias

Wide base tread designed to deliver great mileage with a deep tread in severe service applications.

Tread Widths Available: 345MM, 355MM, 365MM, 390MM



ECL™ SSD

APPLICATION

- Severe Service

26/32^{NDS}
Wide Base

Wide base tread design for severe service drive applications.

Tread Widths Available: 300MM, 320MM, 340MM



BDX™

APPLICATION

- Severe Service

24/32^{NDS}
Tandem

An aggressive traction drive-axle tread engineered for hard-working on-off road trucks.

Tread Widths Available: 210MM, 220MM, 240MM

ROLLING RESISTANCE: WHY IT MATTERS

Rolling resistance is a measurement of the energy it takes to roll a tire on a surface. For truck tires, rolling resistance has a direct and significant correlation to the fuel economy of the vehicle. Whether you run a single truck or an entire fleet, tire rolling resistance is a crucial element that should be taken into account to minimize fuel costs. *Since fuel costs are one of the biggest expenses in trucking operations, as tire rolling resistance decreases, your savings add up.*

WHAT AFFECTS THE ROLLING RESISTANCE OF A TRUCK TIRE?



The Most Common Factors:

- Casing - materials, age, weight
- Tread - materials, age, tread depth
- Tire pressure • Tire position • Truck load

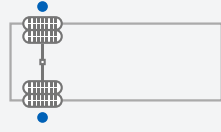
Of the factors that affect rolling resistance, the choice of what casing and tread you use directly impacts your fuel costs. The casing includes the belts, sidewall, beads and rubber that surrounds those components, and is responsible for approximately 50-65% of the overall rolling resistance of a tire. Tread rubber, including the rubber that contacts the road surface, can contribute 35-50% of the tire rolling resistance.

Source: Bandag.com/en-us/research-center/lowering-fleet-costs

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PREMIUM TRAILER



Less Than Truckload / Truckload / Distribution & P&D

B123™ FUELTECH

APPLICATION

- Truckload

11/32^{NDS}
Single | Tandem Axle
SmartWay® / CARB

The B123 FuelTech tread combined with R123 casing reduces energy loss by 4.7% for optimum fuel efficiency. Engineered to deliver a 5% improvement in wear performance compared to B197 FuelTech through optimized tread design.

Tread Widths Available: 210MM, 220MM, 230MM, 240MM

*Disclaimer: Comparison based on Bandag B123 tread with R123 casing versus Bandag B197 tread with R197 casing. Results may vary.

FCR-T2™

APPLICATION

- Truckload
- Less Than Truckload

11/32^{NDS}
Single/Tandem Axle
SmartWay® / CARB

A trailer tread engineered to deliver both high mileage and fuel efficiency. The FCR-T2 is designed to succeed the FCR-T and is shown to extend tread life by 4% by combating irregular wear through its solid shoulder ribs and flat tread pattern.

Tread Widths Available: 190MM, 200MM, 210MM, 220MM, 230MM, 240MM

B135™ FUELTECH

APPLICATION

- Truckload

11/32^{NDS}
Wide Base / Tandem Axle
SmartWay® / CARB

Fuel-efficient wide base trailer retread is design with an advanced fuel-efficient compound for fleets using wide base tires on tandem axles in over-the-highway use. Compliments the Bridgestone R135 Ecopia wide base trailer tire.

Tread Widths Available: 390MM, 400MM

Less Than Truckload / Truckload / Distribution & P&D

T4100™

APPLICATION

- Truckload
- Less Than Truckload

15/32^{NDS}
Single | Tandem

Only available with MILEdges.

Tread Widths Available: 7, 8, 8.5, 9, 9.5, 10.5

Intermodal

BTL-SA™

APPLICATION

- Truckload
- Less Than Truckload

16/32^{NDS}
Single/Tandem/Spread Axle

Designed for spread axle and multi-axle applications, BTL-SA provides serious protection from casing damage caused by twisting, scraping or scrubbing. Ideal for loading dock maneuvering and resists cutting and tearing. **Tread Widths Available:** 200MM, 210MM, 220MM, 230MM, 240MM

BTR-UWB™

APPLICATION

- Truckload
- Less Than Truckload

11/32^{NDS}
Wide Base
SmartWay® / CARB

For on-highway applications. Outside ribs enable this tread to withstand the extra stress and punishment put on tires during turns and cornering.

Tread Widths Available: 380MM, 390MM

ECL-ST-M™

APPLICATION

- Truckload
- Less Than Truckload

16/32^{NDS}
Single | Tandem | Spread | Wide Base

For on-highway multi-axle applications. Outside ribs enable this tread to withstand the extra stress and punishment put on tires during turns and cornering.

Tread Widths Available: 290MM, 300MM, 310MM, 315MM, 320MM, 340MM

ITR2™

APPLICATION

- Intermodal

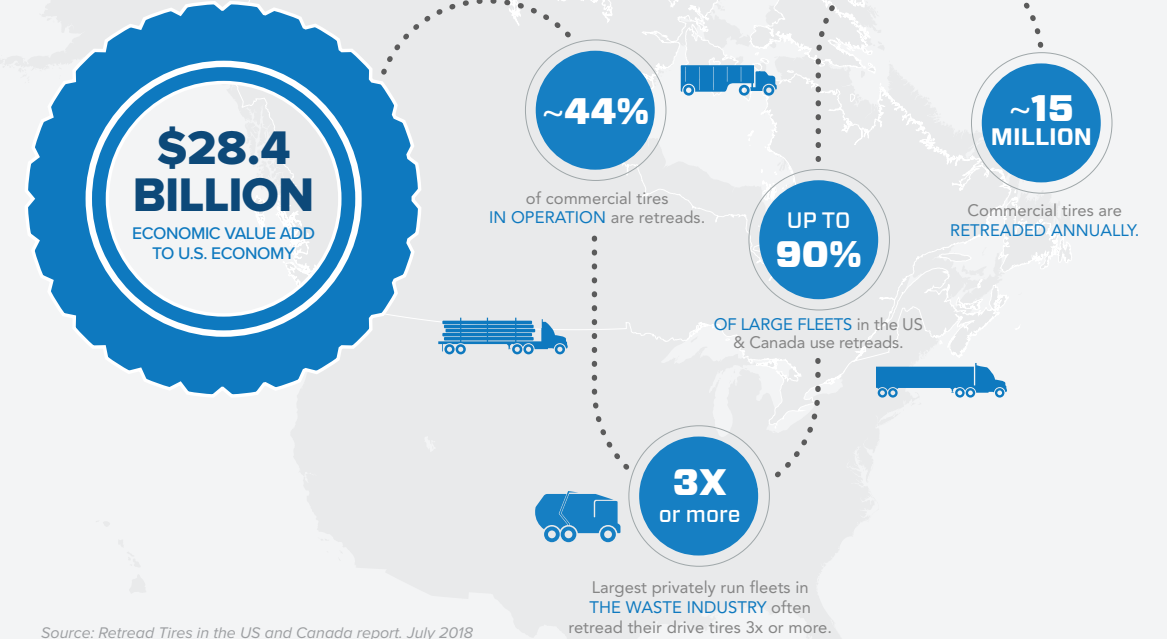
11/32^{NDS}
Tandem Axle

ITR2 features a 11/32 trailer design for a wide range of trailer applications.

Tread Widths Available: 190MM, 200MM, 210MM, 220MM, 230MM

THE FLEETS WE DEPEND ON DEPEND ON BANDAG

RETREADS: RELIABLE PROFITABLE SUSTAINABLE



PREMIUM SPECIALTY

THE FLEETS WE DEPEND ON DEPEND ON BANDAG

Specialty - Other



Specialty radial & bias tread designed for switcher truck applications.

Tread Widths Available: 3, 6, 7, 8



Drive tread with overlapping lugs and lug element sipes to enhance traction. Wide groove angles to help channel water and snow out of the footprint. Specifically designed for truck trade-ins.

Tread Widths Available: 210MM, 220MM, 230MM



A proven design for intermodal bias tires that combines Bandag quality and reliability with a low up-front price for today's cost-conscious intermodal fleets.

Tread Widths Available: 180MM, 190MM

Specialty - Industrial



Industrial tread designed for single and tandem axle configurations.

Tread Widths Available: 8, 13



Industrial tread designed for traction in single and tandem axle configurations.

Tread Width Available: 14



Deep traction tread designed for truckload and LTL fitments in an industrial application.

Tread Width Available: 325MM

Specialty - Other



A proven design for intermodal radial tires that combines Bandag quality and reliability with a low up-front price for today's cost-conscious intermodal fleets.

Tread Widths Available: 200MM, 210MM

Specialty - Industrial



Industrial tread designed for single and tandem axle configurations.

Tread Widths Available: 8, 11.5, 13



Industrial tread designed for radial and bias skid steer applications.

Tread Widths Available: 220MM, 240MM, 275MM



Industrial tread designed for radial and bias truckload and LTL applications.

Tread Widths Available: 16, 18



Industrial tread designed for radial and bias truckload and LTL applications.



Industrial tread designed for radial and bias light OTR and severe service applications.

Tread Widths Available: 12.5, 13, 14

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MAXTREAD™

READY-TO-ROLL RETREADS FOR MAXIMUM SAVINGS AND EXCEPTIONAL QUALITY.

Available with nine tread patterns to meet all application needs: Waste, Pick Up & Delivery, Long Haul, Severe Service, Light Truck.



THE MAXTREAD DIFFERENCE

MaxTread is a complete, road-ready, budget-friendly tire that offers dependable performance. Each MaxTread tire is locally manufactured and available nationwide using industry-leading technology, Shearography, which scans each tire from bead to bead in under two minutes to ensure maximum quality. MaxTread tires feature a 100% warranty for the life of the tread on first-time retreads.* Count on MaxTread to keep your fleet moving on and off the highway.

For warranty information, please refer to Bandag.com/en-us/warranty-info

Lifetime Limited Warranty*
100% COVERAGE
FOR THE LIFE OF THE TREAD

Enjoy peace of mind with our lifetime limited warranty.
For warranty information, please refer to Bandag.com/en-us/warranty-info

MaxTread is available at 1,800 stores across North America.



MAXTREAD™

WHY MAXTREAD FOR YOUR FLEETS?



What's important to fleets:

- Affordable tires within budget
- Confidence the right decision is made
- Dealer / CSR recommendations
- A recognizable and trustworthy brand

MAXTREAD IS THE SOLUTION



Great value at low market price

Made with the #1 REPLACEMENT BRAND on the market

Dealer manufactured and promoted

Warranty for 100% of the life of the tread

MAXTREAD™

THE MAXTREAD DIFFERENCE

The Bandag MaxTread line features quality Bandag retreads as a standalone, single unit tire solution, rather than a traditional tire cap and casing offering. The line includes trailer, drive and all-position fitments for light truck, waste, long haul, severe service, and pickup and delivery applications.

The Bandag MaxTread line includes the nine popular Bandag retread patterns outlined below:

- **Drive position:** DR 5.3™, DR 4.3™, Fueltech® Drive, BDM™, BDLT™ (Light Truck)
- **All-position:** BDV™, BRM™
- **Trailer position:** TR 4.1™, ECL-SST™

Lifetime Limited Warranty*
100% COVERAGE
 FOR THE LIFE OF THE TREAD

Enjoy peace of mind with our lifetime limited warranty.
 For warranty information, please refer to Bandag.com/en-us/warranty-info



DR 5.3™ Drive

APPLICATION

- Truckload
- Less Than Truckload
- Distribution & P&D

22/32^{NDS}
 Single | Tandem | Straight

A closed-shoulder drive tread that provides solid wear at an affordable price. With a competitive price and solid all-around performance that utilizes a proven, durable compound, the DR 5.3 is an excellent option for TL, LTL, and P&D customers who want a long-wearing drive retread product.

Tread Widths Available: 190MM, 200MM, 210MM, 220MM, 230MM, 240MM



DR 4.3™ Drive

APPLICATION

- Truckload
- Less Than Truckload
- Distribution & P&D

22/32^{NDS}
 Single | Tandem | Straight

The open shoulder, Bandag DR 4.3 retread offers traction and longevity for a variety of applications, including light on/off highway, and is a good choice for fleets seeking dependable performance and long-term value.

Tread Widths Available: 190MM, 200MM, 210MM, 220MM, 230MM, 240MM



Fueltech® Drive

APPLICATION

- Less Than Truckload
- Truckload

24/32^{NDS}
 Tandem Axle
 SmartWay® / CARB

Designed to provide long, even wear while lowering rolling resistance for increased fuel efficiency. The tread offers strong traction in a variety of conditions.

Tread Widths Available: 220MM, 230MM



TR 4.1™ Trailer

APPLICATION

- Less Than Truckload
- Truckload
- Distribution & P&D

11/32^{NDS}
 Tandem/Single Axle

The durable TR4.1 provides affordable and dependable wear life performance. With features that also promote solid traction, this trailer tread product delivers the all-around performance fleet customers demand.

Tread Widths Available: 190MM, 200MM, 210MM, 220MM, 230MM, 240MM



ECL-SST™ Trailer

APPLICATION

- Severe Service

15/32^{NDS}
 Conventional

An on/off highway trailer tread engineered to deliver long wear life on multiple surfaces. Equipped to handle the twisting and turning routes of tough applications including construction, mining, bulk carriers and more.

Tread Widths Available: 6, 7, 8, 8.5, 9, 9.5, 10.5



BDM™ Drive

APPLICATION

- Waste

26/32^{NDS}
 30/32^{NDS}
 32/32^{NDS}
 Single | Tandem

Aggressive lug pattern delivers strong traction while solid shoulders provide uniform wear and tread life.

Tread Widths Available: 190MM, 200MM, 210MM, 220MM, 230MM, 240MM, 250MM, 270MM, 280MM



BDV™ All-Position

APPLICATION

- Truckload
- Less Than Truckload
- Distribution & P&D

22/32^{NDS}
 Conventional

Designed specifically for urban fleets that require long tread wear, strong wet braking traction, and solid shoulders to withstand punishing corners and curbs.

Tread Widths Available: 190MM, 200MM, 210MM, 220MM, 230MM, 240MM, 250MM, 260MM, 270MM



BRM™ All-Position

APPLICATION

- Waste

26/32^{NDS}
 Conventional

Specially engineered rib design for refuse and construction applications.

Tread Widths Available: 190MM, 200MM, 210MM, 220MM, 230MM, 240MM, 250MM, 260MM, 270MM, 280MM



BDLT™ Light Truck

APPLICATION

- Less Than Truckload
- Truckload
- Distribution & P&D

16/32^{NDS}
 Commercial | Recreational

Delivers relentless traction and responsive handling in all weather conditions without sacrificing tread wear.

Tread Widths Available: 160MM, 170MM, 180MM, 190MM, 200MM, 210MM, 220MM, 230MM



2.7 MILLION PASSENGERS
DEPENDING ON RETREADS
EVERY DAY.



26 MILLION STUDENTS
DEPENDING ON BANDAG
EVERY DAY.

THE FLEETS WE DEPEND ON
DEPEND ON BANDAG



A WORLD OF EMERGENCIES
DEPENDING ON RETREADS
EVERY DAY.



2.2 BILLION POUNDS OF
FREIGHT DEPENDING ON
BANDAG EVERY DAY.



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