



PORT

OFF-THE-ROAD SOLUTIONS



BRIDGESTONE

Firestone



EFFICIENCY & EXTENSION

MOVING THE WORLD'S SUPPLY CHAIN FORWARD



Longer Service Life



Higher Load Capacity



More Efficient Operating Speed



Safety



DISCOVER TIRES ENGINEERED FOR YOUR PORT APPLICATION

PORT EQUIPMENT FITMENT



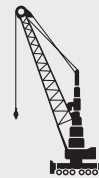
LIFT TRUCKS |
EMPTY CONTAINER
HANDLERS



LOADED CONTAINER
HANDLERS | REACH
STACKERS



AUTOMATED
GUIDED VEHICLES



HARBOR CRANES



STRADDLE CARRIERS

AGILE SUPPLY CHAIN MATTER. BRINGING THE WORLD A LITTLE CLOSER IS WHAT REALLY MATTERS

We understand the demanding environment of ports, the diverse and specialized equipment required to keep your operations moving efficiently between the sea, road, and rail. That's why we offer a complete radial and bias line up of Bridgestone and Firestone tires designed for higher load capacity, efficient speeds, and long service life to help minimize operating costs and improved operational hours.

Take on greater load capacity with more speed than before with intelligent products, integrated technologies and best-in-class service that comes with Bridgestone and Firestone tires.



BRIDGESTONE Firestone

SPEED AND OPERATIONAL HOURS MATTER

LIFT TRUCKS | EMPTY AND LOADED CONTAINER HANDLERS EQUIPMENT | REACH STACKERS



Port terminals must invest in material handling equipment that runs smoothly and works quickly to load, unload, stack, and organize cargo to increase productivity. Container handlers are a particular type of forklift designed to efficiently lift, handle and move shipping containers to optimize storage in port settings. **These vehicles come in two types: Empty container handlers and loaded container handlers.**



DESIGNED TO TAKE ON TOUGH TERRAIN

Lift Trucks | Empty Container Handlers

Empty container handlers are what keep ports moving—and they demand tires that can withstand the challenges of outdoor sites and uneven terrain.

Bridgestone lift truck and empty container handler tires are made with rubber compounds designed for wear and cut resistance, keeping your tires in tack in dock and railyard environments. Choose from a variety of tread designs and depths, whether you need exceptional traction or maximum cut protection for extreme loading and transporting applications.



BRIDGESTONE VCHS [INDUSTRIAL SERVICE]



MADE FOR THE LONG HAUL

Loaded Container Handlers | Reach Stackers

Loaded container handlers specialize in power and stability, with load capacities up to 45 tons. These machines can stack full containers up to five units high, requiring tires that are strong enough to handle heavier loads while still providing a smooth ride.

Bridgestone container handler tires are made with a special compound for industrial applications to handle whatever the day brings. With heavy-duty radial construction, these port tires are designed for optimum irregular wear resistance.

KNOCK OUT DOWNTIME AND KEEP CONTAINERS MOVING WITH TIRES THAT HAVE ENHANCED OPERATING EFFICIENCY, EXCEPTIONALLY LONG TREAD LIFE, AND SUPERIOR DRIVING COMFORT.

A TIRE THAT MOVES WITH YOU

STRADDLE CARRIERS



STRADDLE CARRIERS



LIFT TRUCKS | EMPTY CONTAINER HANDLERS



LOADED CONTAINER HANDLERS | REACH STACKERS



AUTOMATED GUIDED VEHICLES



HARBOR CRANES

ENGINEERED TO DELIVER HIGHER LOAD CAPACITY AND TIRE LIFE

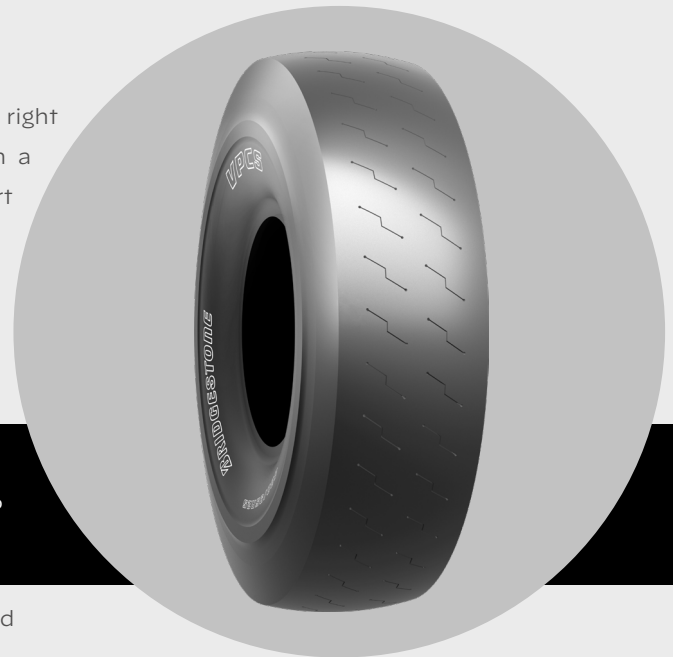
Straddle Carriers

When profitability requires quick turnarounds, ports need the right equipment to keep cargo moving as efficiently as possible. With a straddle carrier, operators can load and transport containers short distances, requiring less equipment and more flexibility.

Thanks to continuous transportation of heavy loads, they need industrial tires that are highly durable and extra resistant to cuts and ruptures.

BRIDGESTONE STRADDLE CARRIER ARE DESIGNED WITH HEAVY-DUTY CASING STRUCTURE AND COMPOUNDS TO HELP DELIVER MORE EFFICIENCY IN PORT APPLICATIONS.

Each straddle carrier tire is designed with strong wear resistance and features an exceptionally long tread life.



BRIDGESTONE VPCS [INDUSTRIAL SERVICE]

BRIDGESTONE VPCS [INDUSTRIAL SERVICE]



The all-new Bridgestone V-Steel Port Container Straddle (VPCS) is a radial tire engineered with enhanced load capability, speed rating, and durability for more operational hours. The VPCS delivers strength and efficiency to help you keep the world's supply chain moving forward.

+22% LONGER SERVICE LIFE¹

7% HIGHER LOAD INDEX²

OR

40% MORE EFFICIENT OPERATING SPEED³



Benefits: Longer service life + either load index or speed.



1 Comparison based on the Bridgestone VPCS 450/95R25 tire vs. the Bridgestone VCHR 16.00R25 tire from field testing conducted at port sites. Results may vary depending on proper tire and vehicle maintenance, surface and road conditions, and driving habits.

2 Comparison based on 15 mph (25 km/h) and ETRTO load index information from 2023 Bridgestone Databook, Michelin Y-Straddle² Technical Brochure available on Michelin website. Bridgestone VPCS 450/95R25 L15S 204-A5 (35,275 lbs or 16,000 kg) vs. Michelin Y-Straddle 2 450/95R25 L15S 202 A7 (33,075 lbs or 15,000 kg). Results may vary depending on proper tire and vehicle maintenance, road conditions, and driving habits.

3 Comparison based on the Bridgestone VPCS 450/95R25 tire vs. the Bridgestone VCHR 16.00R25 tire from field testing conducted at port sites. Results may vary depending on proper tire and vehicle maintenance, surface and road conditions, and driving habits.

4 Important! The 40% of more speed at 22 mph applies with the maximum load capacity at 14,800 lgr = 32,630 lbs. Based on 2023 Bridgestone Databook. Results may vary depending on proper tire and vehicle maintenance, road conditions, and driving habits.

MAKE HEAVY LOADS LIGHTER

HARBOR CRANES



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LIFT TRUCKS |
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STRADDLE CARRIERS

CREATED TO KEEP CARGO MOVING WITH STRENGTH AND FLEXIBILITY

Harbor Cranes

Mobile harbor cranes are ideal for smaller terminals because they provide excellent maneuverability and on-the-spot turning.

When choosing harbor crane tires, look for a broad base for added stability as they work to maneuver turns within a smaller space. The crane tire will also need the strength to handle larger load capacities.

LONG WORKDAYS AND HEAVY LOADS DEMAND EXTRA TOUGH INDUSTRIAL TIRES.

Bridgestone mobile crane tires are engineered to maximize cut protection for transporting and loading applications that require moving heavy containers as quickly as possible. With intelligent products, integrated technologies and the best-in-class service, Bridgestone ensures your new crane tires last as long as possible, so you can focus on managing an efficient port.



BRIDGESTONE R-LUG [INDUSTRIAL SERVICE]

A TIRE LINE UP AS UNIQUE AND SPECIALIZED AS YOUR INDUSTRY

PORT EQUIPMENT FITMENT



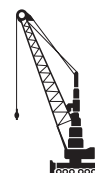
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BRIDGESTONE RADIAL TIRES



VCH



VCHD*



VCHS*



VSMS*



VCHS



VHB



VHB



VCH



VRLS



VCHS*



VELS



VSDL



VCHD



VCHR



VCHP



VPCS



BRIDGESTONE BIAS TIRES



RL



RLS



RL



RLS



RL



STMS



STMS



ELS2



STMS



FIRESTONE BIAS TIRES



SRG



SRG DT



PTLD



SRG DT



SRG



PT



SRG DT LD



PT



SRG DT



SRG DT LD

BRIDGESTONE RADIAL TIRE LINE UP

TIRE SIZE	PATTERN	TYPE	LI/SS	STAR RATING	APPROXIMATE INFLATED DIMENSIONS				OTD	
					OVERALL DIAMETER		OVERALL WIDTH			
					MM	INCH	MM	INCH	MM	32ND
10.00R20	VCHS	T/T	166 A5	-	1,065	41.9	262	10.3	37.0	47
12.00R20	VCH	T/T	-	★★★	1,140	44.9	315	12.4	29.5	37
	VCHS	T/T	176 A5	-	1,139	44.8	297	11.7	41.5	52
12.00R24	VCH	T/T	-	★★	1,254	49.4	323	12.7	29.5	37
	VCHS	T/T	178 A5	-	1,263	49.7	310	12.2	42.0	53
14.00R24	VCH	T/T	-	★★★	1,393	54.8	390	15.4	32.0	40
	VCHS	T/T	-	★★★	1,412	55.6	383	15.1	63.0	79
14.00R24TG	VCHS	T/L	-	★★★	1,412	55.6	383	15.1	63.0	79
16.00R25	VCHD	T/L	200 A5	-	1,500	59.1	435	17.1	54.0	68
	VCHR	T/L	200 A5	-	1,504	59.2	435	17.1	50.0	63
	VRLS	T/L	-	★★	1,531	60.3	448	17.6	45.0	57
450/95R25	VCHP	T/L	204 A5	-	1,504	59.2	435	17.1	50.0	63
	VPCS	T/L	204 A5	-	1,504	59.2	443	17.4	45.0	57
480/95R25	VPCS	T/L	208 A5	-	1,548	60.9	485	19.1	45.0	57
18.00R25	VHB	T/L	-	★★★	1,610	63.4	515	20.3	26.0	33
	VCHS	T/L	-	★★★	1,650	65.0	504	19.8	64.0	81
	VSMS	T/L	-	★★	1,681	66.2	512	20.2	84.5	106
18.00R33	VCHS	T/L	-	★★★	1,856	73.1	494	19.4	70	88.2
	VELS	T/L	-	★★★	1,860	73.2	512	20.2	49.0	61
35/65R33	VSDL	-	-	★★	2,075	81.7	880	34.6	95.0	120

*Compliant with the ETRTO standard for industrial tires. T/L: Tubeless

BRIDGESTONE BIAS TIRE LINE UP

TIRE SIZE	PATTERN	PLY RATING	APPROXIMATE INFLATED DIMENSIONS				OTD	
			OVERALL DIAMETER		OVERALL WIDTH			
			MM	INCH	MM	INCH	MM /	32ND
14.00-24	RL	24/28	1,366	53.8	387	15.2	28.0	35
14.00-24 TG	RL	24	1,336	53.8	395	15.6	28.0	35
16.00-25	RLS	28/32	1,548	60.9	438	17.2	57.0	71.8
18.00-25	STMS	40	1,675	65.9	520	20.5	84.5	106
18.00-25	ELS2	40	1,685	66.3	508	20.0	66.5	84
18.00-33	ELS2	36	1,878	73.9	515	20.3	66.5	84
21.00-25	RL	40	1,750	68.9	570	22.4	41.0	51.7

FIRESTONE BIAS TIRE LINE UP

TIRE SIZE	PATTERN	PLY RATING	APPROXIMATE INFLATED DIMENSIONS				OTD	
			OVERALL DIAMETER		OVERALL WIDTH			
			MM	INCH	MM	INCH	MM	32ND
18.00-25	PT	40	1,679	66.1	531	20.9	55.0	69
	SRG DT	40	1,638	64.5	508	20.0	55.0	69
26.5-25	SRG	44	1,748	68.8	704	27.7	35.0	44
18.00-33	SRG DT	44	1,852	72.9	516	20.3	55.0	69
30-33	SRG DT LD	46	1,890	74.7	739	29.1	53.0	67
33.5-33 +	SRG DT	50	2,296	90.4	851	33.5	68.0	86
37.5-33	SRG DT	54	2,421	95.3	953	37.5	72.0	91
65/35-33	SRG DT LD	42	2,103	82.8	881	34.7	57.0	72
21.00-35 +	SRG DT	40	2,035	80.1	582	22.9	53.0	67
33.25-35 +	PTLD	50	2,276	89.6	866	34.1	42.0	53
	SRG DT +	50	2,266	89.2	864	34.0	68.0	86

+ Container Handler use only

WE'VE MASTERED OUR TIRE TECHNOLOGY SO THAT YOU CAN MASTER THE PORT



Scan the QR code to learn more about Tire Monitoring Services.

Work smarter with Bridgestone Fleet Care - Tire Solutions

Track and monitor your tires in real time with cutting-edge integrated technologies and tire solutions from Bridgestone Fleet Care. With Tire Monitoring Services & Asset Management, turn Off-The-Road tires into real-time data sources, increasing productivity and reducing overall cost per mile with some of the industry's active solutions designed to keep you on the go.



Why are Tire Monitoring Services important?

Because there's no time for downtime. Bridgestone Fleet Care's robust tire pressure monitoring system is the perfect solution for tire data analytics and management. Active 24/7, Bridgestone Fleet Care's Tire Monitoring Services are designed to help fleets and operations managers minimize downtime and maximize efficiency with real-time tracking and monitoring—making it the smartest and simplest way for fleet-logistics managers to prevent and resolve tire issues before they become serious, time-consuming problems.



Active tire pressure monitoring system



Real-time tracking



Custom alerts



Durable, weather resistant sensors



Custom data reports



Use your own compatible device

How it works:

Putting tire data in the palm of your hand. The Tire Monitoring Services utilize durable tire sensors installed directly onto each tire's valve stem. By communicating with a Bluetooth device, these sensors send tire data directly to the cloud—making the valuable insights derived from this data readily available to fleet managers and their drivers in real-time.

Bridgestone also offers a yard-based tire pressure monitoring service that utilizes a router to capture data from external or internal tire sensors. With this version, the sensors must come within range of the router in order for the system to capture the tire data. No matter the version (yard-based or real-time), when a tire issue calls for immediate support, custom alerts from the tire monitoring service notifies fleet managers so they can take immediate action.

KEY FEATURES - TIRE MONITORING SERVICES

FEATURES		
Hardware	Bring Your Own Device Compatibility	✓
	Internal & External Sensor Options	✓
	Proven Weather Resistance	-40°F to 248°F
	Extensive Sensor Battery Life	5-7 years
Software	Yard-Based Readings	Updates every 2 minutes. ^{1w}
	Automated, Real-Time Data	✓
	PSI & Temperature Measurements	✓
	Critical Alert Warning System	✓
	Pre-Trip Inspection Data	✓
	Customized Data Reports	✓
	Extensive Warranty Coverage	✓

A MODERN APPROACH TO TIRE MONITORING

ASSET MANAGEMENT

A globally integrated technology to enhance your total tire and rim life cycle management.

Bridgestone offers an off-the-road tire and rim solution that helps customers manage the lifecycle cost of tires for increased efficiency and profitability.

WHY USE ASSET MANAGEMENT?

It monitors in real-time each tire and rims receiving inventory, mounting, inspections rotation, repairs, retreads and regrooves – all the way disposal. It leverages integration with Tire Monitoring Services, weather APIs and more, to further enrich the quality of your data to make informed decisions. Asset Management is a powerful predictive analytics platform that places immediate, actionable reports for browser or mobile use.



Bridgestone and Firestone port tires deliver strength and efficiency to help you keep the world's supply chain moving forward...





Scan the QR code to learn more about
Bridgestone and Firestone port tires.





BRIDGESTONE OFF-THE-ROAD SOLUTIONS

Intelligent Products

The Bridgestone Off-The-Road lineup offers innovative tread patterns and compounds designed for various surfaces and applications, providing reliable performance so customers can maximize job-site productivity.



Integrated Technologies

Bridgestone Fleet Care provides customers data-driven technologies to help manage their life-cycle assets, get real-time pressure and temperature insights to help reduce downtime, optimize total cost of ownership and maximize productivity.



Tire Solutions

Tire Monitoring Services

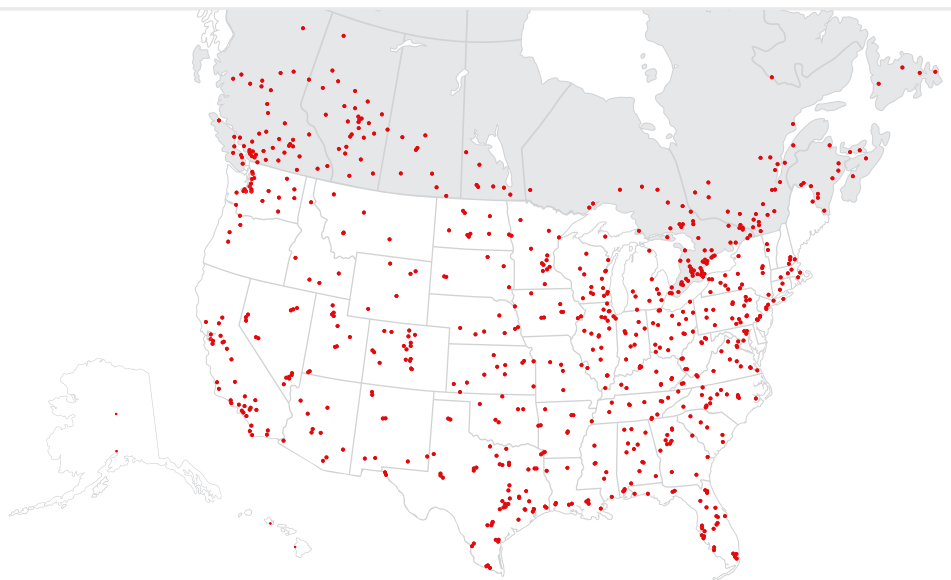
An advanced real-time tire pressure and temperature monitoring solution for nearly any OTR tire from any tire manufacturer that is 49" or smaller. Combining durable hardware and integrated with Tire Asset Management* to help fleets optimize total cost of ownership, prevent unplanned downtime and help increase safety.

Asset Management

Bridgestone offers Off-The-Road tire Asset Management that allows fleets to make informed decisions and help manage life cycle of tires for increased efficiency and profitability. Monitoring each tire from receiving inventory, mounting inspections, rotation, repairs and removals no matter the size of your fleet anywhere in the world.

Best-in-class Service

We know that the best products and technologies only stay the best when paired with best-in-class service. Our extensive dealer network, compressive training programs, and highly qualified field engineers help improve downtime, so our Off-The-Road customers can focus on getting maximizing their productivity.



For more information visit,
[Commercial.Bridgestone.com](https://www.commercial.bridgestone.com) [Commercial.Firestone.com](https://www.commercial.firestone.com)

* Subscription-based software application

1-833-733-1754
otrcustomerservice@bfusa.com

"Best-in-Class Service" is based on the largest number of dealers in the commercial tire dealer network in U.S. found on www.commercial.bridgestone.com. As compared to the 2021 U.S. Replacement and Retreaded Medium / Heavy Truck Tire Brands with similar market share as listed in the January 2022 Modern Tire Dealer (page 62).

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