



**BRIDGESTONE**  
Your Journey, Our Passion



# OFF-THE-ROAD TIRES FOR INDUSTRIAL USE

A complete line. A superior selection.



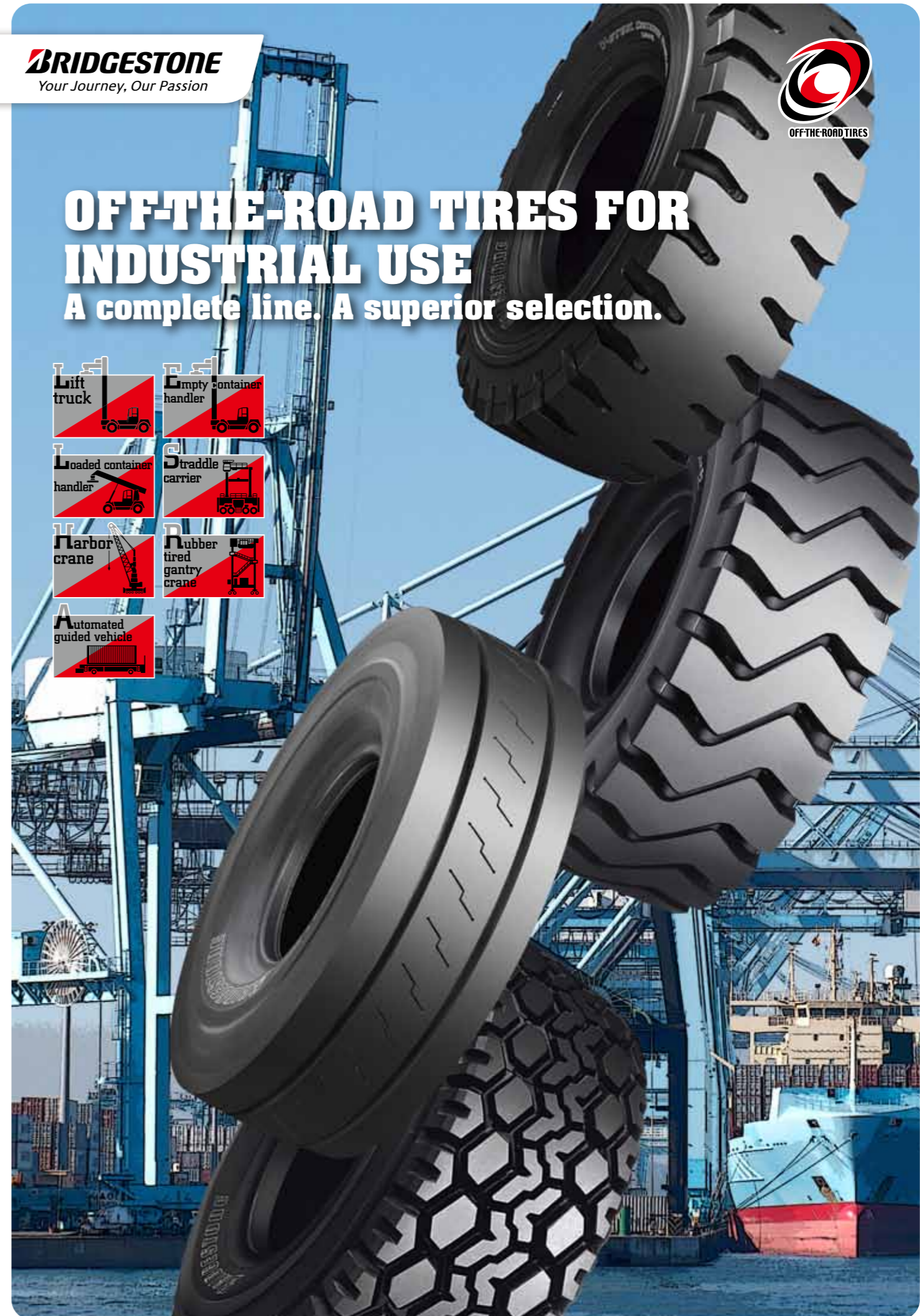
**Off-the-road tires used for industrial vehicle applications**

- 1) Industrial Vehicles comprise vehicles such as counter-balanced lift trucks, container handlers, straddle carriers, aircraft tow tractors, mobile crushers, log stackers etc., used on hard improved surfaces, smooth floors and runways.
- 2) Use Specifications of **Industrial Service** only.
- 3) Consult a Rim Manufacturer when inflation pressure exceeds 800kPa (116 psi).
- 4) For Speeds exceeding 30km/h (18mph), consult a Bridgestone Representative.
- 5) For tire sizes and star ratings other than listed above, consult a Bridgestone Representative.
- 6) To obtain the maximum permissible loads on industrial Vehicles Steering Wheels, multiply the load limits by 0.8.

Bridgestone Corporation

[www.bridgestone.com/products/specialty\\_tires/](http://www.bridgestone.com/products/specialty_tires/)

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# The Best Specialized Off-the-Road Radial and Bias Tires

Whatever high-performance work-specific tires you need to handle heavy loads and heavy duty in all conditions anywhere in the world, rely on the brand that makes the best: Bridgestone.

## RADIAL TIRES



## DEEPER TREAD

Tire Size	Pattern	Type	Load Index/Speed Symbol	Star Rating	Approximate Inflated Dimensions								OTD	Minimum Dual Spacing		Recommended Rim/Flange Height	Pattern	Star Rating	Inflation Pressure	Tire Load Limits at Various Speeds													
					OD		OW		SLR		SLW			mm	inch					inch	mm	inch	kPa	km/h	0	Creep	5	10	15	20	25	30	35
					mm	inch	mm	inch	mm	inch	mm	inch		mm	inch					mm	inch	psi	mph	Static	Creep	3	5	9	12	15	19	22	
12.00R20	VCH	T/T		★3	1140	44.9	315	12.4	512	20.2	360	14.2	29.5	380	15.0	8.50V	★3	1000	lbs	20350	20350	20350	20350	20350	20350	20350	20350	19570	19570				
	VCHS	T/T	176A5	★3	1139	44.8	297	11.7	507	20.0	355	14.0	41.5	375	14.8			145	kg	7100	7100	7100	7100	7100	7100	7100	7100	6570	6570				
12.00R24	VCH	T/T		★2	1254	49.4	323	12.7	558	22.0	376	14.8	29.5	-	-	8.50V	★2	960	kg	12420	11040	10005	9315	8970	8765	8625							
	VCHS	T/T	178A5	-	1263	49.7	310	12.2	580	22.8	351	13.8	42.0	-	-			*1	1000	kg	9750	9750	9750	9750	9750	9750	9750	9750	9375	9375			
14.00R24	VHB	T/T		★3	1357	53.4	383	15.1	630	24.8	410	16.1	23.5	450	17.7	10.00W	★3	1000	kg	18000	16000	14500	13500	13000	12700	12500	12400						
	VCH	T/T		★3	1393	54.8	390	15.4	610	24.0	460	18.1	32.0	480	18.9			145	lbs	39690	35280	31970	29765	28665	28005	27560	27340						
	VCHS	T/T	196A5	★3	1412	55.6	383	15.1	626	24.6	445	17.5	63.0	480	18.9																		
14.00R24TG	VCHS	T/L	196A5	★3	1412	55.6	383	15.1	626	24.6	445	17.5	63.0	480	18.9	10.00VA	★3	1000	kg	18000	16000	14500	13500	13000	12700	12500	12400						
16.00R25	VHB	T/L		★2	1484	58.4	440	17.3	690	27.2	475	18.7	22.5	513	20.2	11.25/2.0	★2	960	kg	21870	19440	17615	16400	15795	15430	15185	15065						
	VCHD	T/L		-	1500	59.1	435	17.1	668	25.8	500	19.8	54.0	523	20.6			VRLS	★2	139	lbs	48225	42865	38845	36165	34825	34025	33490	33220				
	VCHR	T/L	200A5	-	1504	59.2	435	17.1	674	26.5	500	19.7	50.0	-	-			VCHD	*2	1000	kg	18200	18200	18200	18200	14000	14000	14000	12460	12460			
	VRLS	T/L	200A5	★2	1531	60.3	448	17.6	713	28.1	488	17.6	45.0	540	21.3			VCHR	*2	145	lbs	40140	40140	40140	40140	30900	30900	30900	27475	27475			
18.00R25	VHB	T/L		★3	1610	63.4	515	20.3	733	28.9	565	22.2	26.0	587	23.1	13.00/2.5	★3	1000	kg	30600	27200	24650	22950	22100	21590	21250	21080						
	VEL	T/L		★3	1609	63.3	507	20.0	727	28.6	571	22.5	34.0	612	24.1			145	lbs	67475	59975	54355	50605	48730	47605	46855	46480						
	VCHS	T/L	214A5	★3	1650	65.0	504	19.8	707	27.8	596	23.5	64.0	600	23.6																		
	VSMS	T/L		★2	1681	66.2	512	20.2	730	28.7	592	23.3	84.5	612	24.1			★2	960	kg	28800	25600	23200	21600	20800	20320	20000	19840					
23.5R25	VSDL	T/L		★2	1672	65.8	608	23.9	755	29.7	687	27.0	87.0	722	28.4	19.50/2.5	★2	690	kg	26100	23200	21025	19575	18850	18415	18125	17980						
																		100	lbs	57550	51155	46360	43160	41565	40605	39965	39645						
18.00R33	VCHS	T/L	219A5	★3	1856	73.1	508	20.0	803	31.6	585	23.0	68.5	600	23.6	13.00/2.5	★3	1000	kg	35100	31200	28275	26325	25350	24765	24375	24180						
																	145	lbs	77395	68795	62345	58045	55895	54605	53745	53315							

\*1 Compliant with the ETRTO standard of industrial tires

\*2 Compliant with the ETRTO standard of industrial tires (For straddle carrier use only)

### Recommendation for each application

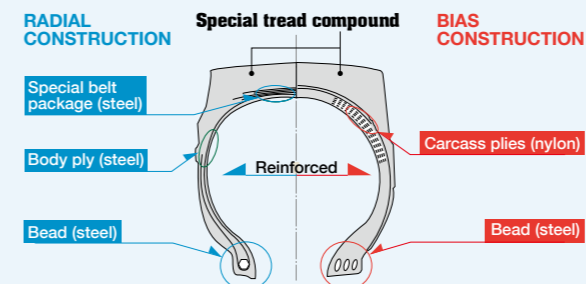
	Lift trucks, Empty container handlers	Loaded container handlers	Straddle carriers	Harbor cranes	Rubber tired gantry cranes	Automated guided vehicles
<b>RADIAL TIRES</b>	VCH VCHD* VCHS*	VCHS* VSMS*	VCH VRLS VCHD VCHR	VHB	*1	VEL VHB
<b>BIAS TIRES</b>	RL YS2	RL ELS2	YS2	RL	RL	

\*When the average operating speed exceeds 10 km/h, consult your Bridgestone representative.

\*1 For your radial tire fitment, consult your Bridgestone representative.

### Extra-long life

#### Reinforced casing for heavy load and long life



#### Tread life comparison by pattern

