



Lift truck



Harbour crane



Automated guided vehicle



Loaded container handler



Rubber tired gantry crane



Straddle carrier



VHB



VEL



VCH



VRLS



VCHD



VCHR



VCHS



VSDL



VSMS



Off-the-Road Tyres for Industrial vehicles

BRIDGESTONE
BRIDGESTONE EARTHMOVER TYRES

Bridgestone OTR tyres for industrial vehicles – Specifications

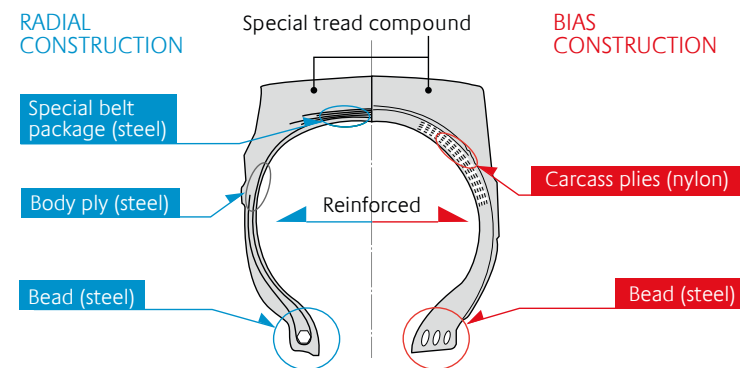
Load Index/ Speed Symbol	Tyre Size	Star Rating	Pattern	Type	Approximate Inflated Dimensions					Minimum Dual Spacing
					OD	OW	SLR	SLW	OTD	
					mm	mm	mm	mm	mm	
176A5	12.00R20	***	VCH	T/T	1140	315	512	360	29.5	380
		***	VCHS	T/T	1139	297	507	355	41.5	375
178A5	12.00R24	**	VCH	T/T	1254	323	558	376	29.5	-
		*1	VCHS	T/T	1263	310	580	351	42.0	-
196A5	14.00R24	***	VHB	T/T	1357	383	630	410	23.5	450
		***	VCH	T/T	1393	390	610	460	32.0	480
196A5	14.00R24TG	***	VCHS	T/T	1412	383	626	445	63.0	480
200A5	16.00R25	**	VHB	T/L	1484	440	690	475	22.5	513
		*2	VCHD	T/L	1500	435	668	500	54.0	523
		*2	VCHR	T/L	1504	435	674	500	50.0	-
200A5		**	VRLS	T/L	1531	448	713	488	45.0	540
214A5	18.00R25	***	VHB	T/L	1610	515	733	565	26.0	587
		***	VEL	T/L	1609	507	727	571	34.0	612
		***	VCHS	T/L	1650	504	707	596	64.0	600
		**	VSMS	T/L	1681	512	730	592	84.5	612
	23.5R25	**	VSDL	T/L	1672	608	755	687	87.0	722
219A5	18.00R33	***	VCHS	T/L	1856	508	803	585	68.5	600

*1 Compliant with the ETRTO standard of industrial tyres

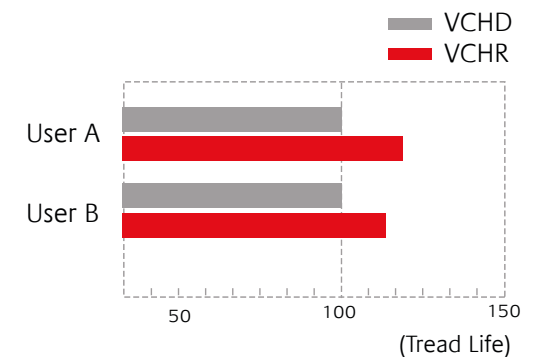
*2 Compliant with the ETRTO standard of industrial tyres
(For straddle carrier use only)

Extra-long life

Reinforced casing for heavy load and long life



Tread life comparison by pattern



Bridgestone OTR Tyres for Industrial Vehicles.

A complete line. A superior selection.

Bridgestone Earthmover Tyres (BSEM) offers a range of high-performance, work-specific OTR tyres for industrial vehicle applications, with the ability to handle heavy loads in all conditions.

Bridgestone tyres for industrial applications include a full line of radial and bias ply tyres for container port handling applications, including the VCHS range for empty and loaded container handlers and the VCHD range for straddle carriers, which are also suitable for airport towing tractors.

Bridgestone Earthmover Tyres can also supply tyres for high-speed vehicles such as all-terrain cranes, rough terrain cranes, as well as logging and mining trailers. For tyre sizes and star ratings other than those listed here, consult your Bridgestone representative.

Recommendation for each application

	Lift trucks, Empty container handlers			Loaded container handlers		Straddle carriers				Harbour cranes	Rubber tyred gantry cranes	Automated guided vehicles
Radial Tyres	VCH	VCHD*	VCHS*	VCHS*	VSMS*	VCH	VRLS	VCHD	VCHR	VHB	*1	VEL VHB
Bias Tyres	RL	YS2	RL	ELS2		YS2				RL	RL	

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

*1 For radial tyre fitment, consult your Bridgestone representative

Off-the-road tyres 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 Industrial Service specifications only.
3. Consult a rim manufacturer when inflation pressure exceeds 800 kPa (116 psi)
4. For speeds exceeding 30 km/h (18 mph), consult a Bridgestone representative.
5. For tyre sizes and star ratings other than those listed, consult a Bridgestone representative
6. To obtain the maximum permissible loads on industrial vehicle steering wheels, multiply the load by 0.8.

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