

BRIDGESTONE

VMMS

V-STEEL MINING
SMOOTH TREAD

LHD-5S



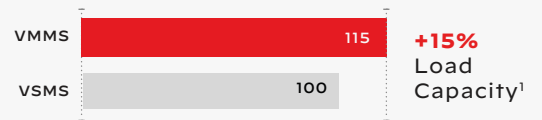
The all-new Bridgestone V-Steel Mining Smooth Tread (VMMS) is the latest subterranean technology for the underground hard rock segment. Through its advanced design and engineering, the VMMS delivers 3-star capacity at 2-star pressure for optimal performance and safety. The VMMS radial tire provides excellent traction and stability.

Bridgestone's latest subterranean technology realizes increased load capacity without extra inflation pressure and **longer service life**. Applicable to LHD and UHT, including higher-load models (e.g. hybrid/ electric).

SPECIALIZED FEATURES:

15% LOAD CAPACITY¹

Advanced 2-star technology with strengthened bead structure and enhanced belt package. Provides +15% load capacity without increasing inflation pressure¹.



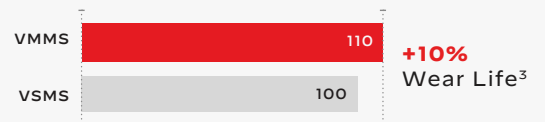
+24% CUT RESISTANCE²

Engineered with a vertical sidewall shape and wider outer belt. Improves cut resistance by 24% helping reduce operational costs.



+10% WEAR LIFE³

New tread construction and compound, delivers +10% longer wear life and higher heat resistance³



Available in 3 sizes:

26.5R25 | 29.5R29 | 35/65R33

BRIDGESTONE COMMERCIAL

See your Bridgestone representative for more information.

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CATEGORY	SIZE	PLY / STAR RATING	COMPOUND / CONSTRUCTION	TRA / APPLICATION	ARTICLE #	AVERAGE WEIGHT (lbs/ kgs)	OTD (32 ND S/MM)	OVERALL DIAMETER (IN/MM)	OVERALL WIDTH (IN/MM)	RECOM. RIM/FLANGE
SMALL TUBELESS	26.5R25	2* Subterranean	L2A	LHD-5S	012944	1,818 825	120 95	70 1,775	28 704	22.00/ 3.0
LARGE TUBELESS	29.5R29	2* Subterranean	L2A	LHD-5S	012947	2,590 1,175	133 1,045	79 2,006	31 793	25.00/ 3.5
LARGE TUBELESS	35/65R33	2* Subterranean	L2A	LHD-5S	012949	2,590 1,175	123 97	82 2,072	35 895	28.00/ 3.5

OD: Overall diameter, OW: Overall width, SLR: Static Loaded Radius, SLW: Static Loaded Width, OTD: Original Tread Depth

CONVENTIONAL VS. SUBTERRANEAN LOAD CAPACITY (lbs/ kgs) - Based on Cold Inflation

SIZE	PSI kPa		65	69	73	76	80	83	87	91	94	98	102	105	109	115
			450	475	500	525	550	575	600	625	650	675	700	725	750	800
26.5R25	2* (D2A) ⁵	lbs.	30,900	32,000	33,100	34,200	35,300	36,400	37,500	39,700	40,800	41,888	42,900	44,090	45,415	46,740
		kgs.	14,000	14,500	15,000	15,500	16,000	16,500	17,000	18,000	18,500	19,000	19,500	20,000	20,600	21,200
26.5R25	2* Sub (L2A)	lbs.	36,400	37,500	38,600	40,800	41,900	43,000	44,100	45,400	46,700					
		kgs.	16,500	17,000	17,500	18,500	19,000	19,500	20,000	20,600	21,200					
29.5R29	2* (D2A)	lbs.	37,900	40,800	43,000	44,100	45,400	46,700	49,400	50,700	52,000	53,570	55,115	56,770	58,420	60,070
		kgs.	18,000	18,500	19,500	20,000	20,600	21,200	22,400	23,000	23,600	24,300	25,000	25,750	26,500	27,250
29.5R29	2* Sub (L2A)	lbs.	46,700	48,100	49,400	52,000	53,600	55,100	56,800	58,400	60,000	60,000				
		kgs.	21,200	21,800	22,400	23,600	24,300	25,000	25,750	26,500	27,250	27,250				
35/65R33	2* (D2A)	lbs.			50,700	52,000	55,100	56,800	58,400	60,000	61,500	63,900	66,100	67,800	69,450	71,650
		kgs.			23,000	23,600	25,000	25,750	26,500	27,250	28,000	29,000	30,000	30,750	31,500	32,500
35/65R33	2* (L2A)	lbs.			60,000	61,500	64,000	66,000	68,000	69,500	71,500					
		kgs.			27,250	28,000	29,000	30,000	30,750	31,500	32,500					

Please make sure you are running the appropriate Tire Load Limit, as these vary based on your operation. Contact your Bridgestone representative for additional support.

1. Compared load capacity to 2024 Bridgestone Databook (p.49) at 94 PSI / 650 kPa to Bridgestone VSMS 26.5R25 40,800 lbs (18,500 kgs) vs. the Bridgestone VMMS 26.5R25 46,700 lbs (21,200 kgs). Results may vary. Same comparison applies to 26.5R29 (page 51) and 35/65R33 (page 53) sizes.
 2. Cut resistance data based on a comparison of Bridgestone VSMS vs. VMMS same size during testing. Results may vary depending on the usage, load, and surface conditions.
 3. Wear performance values are based on a comparison of the market evaluation of Bridgestone VSMS D2A 35/65R33 vs. Bridgestone VMMS L2A 35/65R33. Actual measurements may vary depending on size, patterns, specific usage, and surface conditions.
 4. Loader & Dozer conventional (D2A) refers to the loader & Dozer standard registers in the TRA
 5. Subterranean LHD stands for the Subterranean Load-Haul-Dump service standard registered in the JATMA-Annex3 and the TRA-EDI

