



Load Haul Dumps



Articulated Dump Trucks



Drilling Jumbo



VSNT



VSNL



VSDT



VSXL



VSMS



Off-the-Road Tyres for Underground Mining

BRIDGESTONE
BRIDGESTONE EARTHMOVER TYRES

Bridgestone OTR tyres for underground mining – Specifications

Load Index/ Speed Symbol	Tyre Size	Star Rating	Pattern	Type	OD (mm)	OW (mm)	SLR (mm)	SLW (mm)	OTD (mm)	Minimum Dual Spacing	Recommended Rim	Inflation Press. (kPa)	Load Limit at Various Cold Inflation Pressure (kg)
	14.5R15	*2	VSDL		899	359	413	412	48.0	–	11.00/1.5	650	3500
	8.25R15	*2	VSDL		880	248	405	285	48.0	–	6.50T	825	3100
	10.00R15	*2	VSDL		905	287	416	330	48.0	–	7.50V	825	4025
	9.00R20	*2	VSMS		1054	260	474	303	51.0	–	7.00T	825	4375
	12.00R20	*2	VSDL		1168	320	538	359	57.0	–	8.50V	825	6150
	12.00R20	*2	VSMS		1173	312	540	351	57.0	–	8.50V	825	6150
	14.00R20	*2	VSNL		1196	360	550	414	34.0	–	10.00WI	825	7300
	12.00R24	*2	VSMS		1275	312	573	364	57.0	–	8.50V	825	6900
	14.00R24	*2	VSMS		1394	390	634	437	72.0	–	10.00W	800	9500
	17.5R25	*2	VSDL		1400	440	639	495	68.0	–	14.00/1.5	650	8500
	17.5R25	*2	VSMS		1374	440	623	487	68.5	–	14.00/1.5	650	8500
	20.5R25	*2	VSDL		1552	531	702	600	78.0	–	17.00/2.0	650	11500
	20.5R25	*2	VSDR	UG	1552	531	702	600	78.0	–	17.00/2.0	650	11500
	23.5R25	*2	VSDL		1672	613	755	677	87.0	–	19.50/2.5	650	14500
2012	23.5R25	*2	VSDT		1660	621	745	680	79.0	–	19.50/2.5	650	14500
	26.5R25	*2	VSDL	BT	1790	684	797	761	95.5	–	22.00/3.0	650	18500
2092	26.5R25	*2	VSDT		1775	697	790	778	88.0	–	22.00/3.0	650	18500
	26.5R25	*2	VSMS	UG	1775	684	810	746	95.0	–	22.00/3.0	650	18500
	26.5R25	*2	VSNT	BT	1779	685	799	740	57.5	–	22.00/3.0	650	18500
	29.5R25	*2	VSDL	UG	1925	766	855	846	104.0	–	25.00/3.5	650	22400
2162	29.5R25	*2	VSDT		1903	779	845	869	96.0	–	25.00/3.5	650	22400
	29.5R25	*2	VSNT	BT	1905	768	849	835	60.0	–	25.00/3.5	650	22400
	18.00R25	*2	VSMS		1675	512	733	592	84.5	–	13.00/2.5	825	16000
	29.5R29	*2	VSDL		2008	776	900	856	104.5	–	25.00/3.5	650	23600
	29.5R29	*2	VSDL	TN	2008	776	900	856	104.5	–	25.00/3.5	650	23600
2182	29.5R29	*2	VSDT		1989	779	883	872	96.0	–	25.00/3.5	650	23600
	29.5R29	*2	VSMS	UG	2008	766	904	861	104.5	–	25.00/3.5	650	23600
	29.5R29	*2	VSNT	BT	2000	774	905	849	60.0	–	25.00/3.5	650	23600
	35/65R33	*2	VSDL	BT	2075	880	917	951	95.0	–	28.00/3.5	650	28000
2242	35/65R33	*2	VSDT		2075	890	914	990	96.0	–	28.00/3.5	650	28000
	35/65R33	*2	VSNL		2075	880	936	981	62.5	–	28.00/3.5	650	28000
2258	35/65R33	MT*1	VSNT	UG	2075	904	936	976	62.5	–	28.00/3.5	800	29000
	16.00R25	*2	VRLS		1531	448	697	510	45.0	513	11.25/2.0	700	7300
	18.00R25	*2	VELS		1642	515	744	580	50.0	587	13.00/2.5	700	9250
	18.00R25	*2	VELS	LS	1642	515	744	580	50.0	587	13.00/2.5	700	9250
	18.00R33	*2	VMTP		1870	515	846	575	55.0	587	13.00/2.5	700	10900
	18.00R33	*2	VMTP	LS	1870	515	846	575	55.0	587	13.00/2.5	700	10900
	18.00R33	*2	VMTP	S2	1870	515	846	575	55.0	587	13.00/2.5	700	10900

Note: Specifications are subject to change without notice *1 Multiple Star Rating. Bridgestone Radial Tyres marked with "Loader & Dozer Service ★★ (two star)" and "Underground Haulage ★★★★★ (four star)" have specified load capacity on each servicing condition.

	Type of Service	Star Rating	Inflation Press.	Load Limit at Various (kg)
MT	Underground Haulage	*4	800	29000
	Loader	*2	650	28000

OTR tyres for underground mining

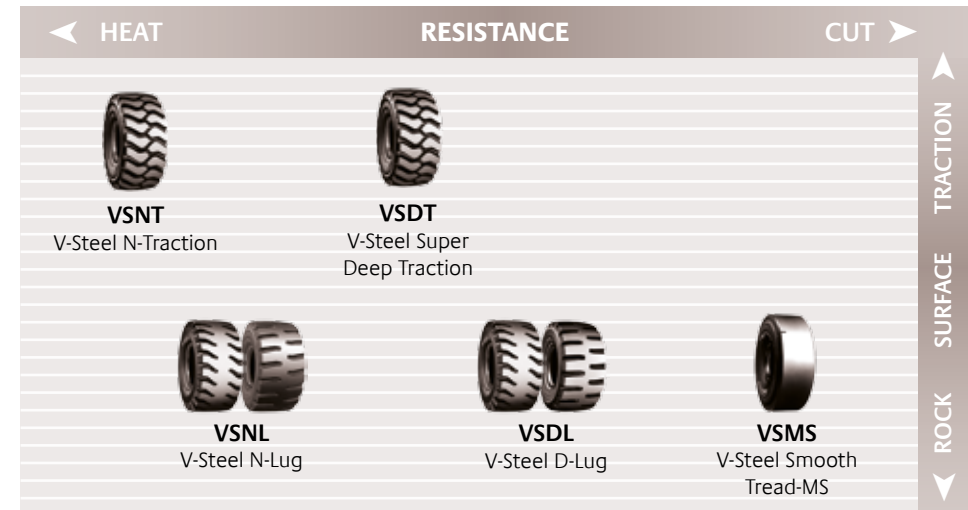
Bridgestone Earthmover Tyres (BSEM) offers a range of OTR tyres with the superior cut resistance and durability required for underground mining. BSEM mining solutions also provide a high level of stability and traction, and meet the varying heat-severity requirements of our customers.

Competitive advantages in mining operations

	VSNT	VSNL	VSNT	VSDL	VSMS
Articulated Dump Trucks	✓	✓	✓	■	
Load Haul Dumps		✓		✓	✓
Drilling Jumbo				■	✓

✓ = Applicable ■ = Possible to fit
For your best tyre choice, consult your Bridgestone representative

Underground mining tyre lineup



Technical features

Excellent traction

0% worn
Optimal lug angle achieves powerful traction for both tipping and drive-in/-out.

75% worn
Uniform groove depth ensures excellent traction throughout the life of the tyre.

Superb side-cut resistance

New square shoulder design pushes objects aside, protecting the side wall from cuts and damage.

Groove stone ejectors

The small nubs in the grooves of the VSNT/VSNT tyres push out stones trapped in the grooves, preventing them from drilling into the tyre.

www.bridgestone-earthmover.com.au

NEW SOUTH WALES

Sydney

Head Office

223 Rookwood Road
Yagoona NSW 2199
Telephone: (02) 9722 6111
Facsimile: (02) 9722 6199
Email: sales@bsem.com.au

Hunter Valley

26 Maskey Road
Mt Thorley NSW 2330
Telephone: (02) 6574 2800
Facsimile: (02) 6574 2899

SOUTH AUSTRALIA

Adelaide

21 Kaurna Avenue
Edinburgh Parks SA 5111
Telephone: (08) 8283 9400
Facsimile: (08) 8250 1921

VICTORIA

Melbourne

109 William Angliss Drive
Laverton North VIC 3026
Telephone: (03) 8369 9400
Facsimile: (03) 9360 9577

Morwell

117 Airlie Bank Road
Morwell VIC 3840
Telephone: (03) 5134 1936
Facsimile: (03) 5133 8023

TASMANIA

Somerset

6-7 Reece Court
Somerset TAS 7322
Telephone: (03) 6435 0450
Facsimile: (03) 6435 0330

QUEENSLAND

Brisbane

325 Orchard Road
Richlands QLD 4077
Telephone: (07) 3456 4800
Facsimile: (07) 3456 4899

Mt Isa

20 Ryan Road
Mt Isa QLD 4825
Telephone: (07) 4743 7200
Facsimile: (07) 4743 6422

Mackay

127-131 Connors Road
Paget QLD 4740
Telephone: (07) 4963 9200
Facsimile: (07) 4963 9222

Townsville

50 Brookhouse Street
Stuart QLD 4811
Telephone: (07) 4778 4888
Facsimile: (07) 4778 1933

NORTHERN TERRITORY

Darwin

21 Anictomatis Road
Berrimah NT 0828
Telephone: (08) 8947 0591
Facsimile: (08) 8947 1483

WESTERN AUSTRALIA

Perth

461 Dundas Road
Forrestfield WA 6058
Telephone: (08) 9352 0300
Facsimile: (08) 9352 8133

Kalgoorlie

50 Great Eastern Highway
Kalgoorlie WA 6430
Telephone: (08) 9021 6629
Facsimile: (08) 9021 6489

Bunbury

2 Palmer Crescent
Davenport WA 6230
Telephone: (08) 9725 4800
Facsimile: (08) 9725 4729