

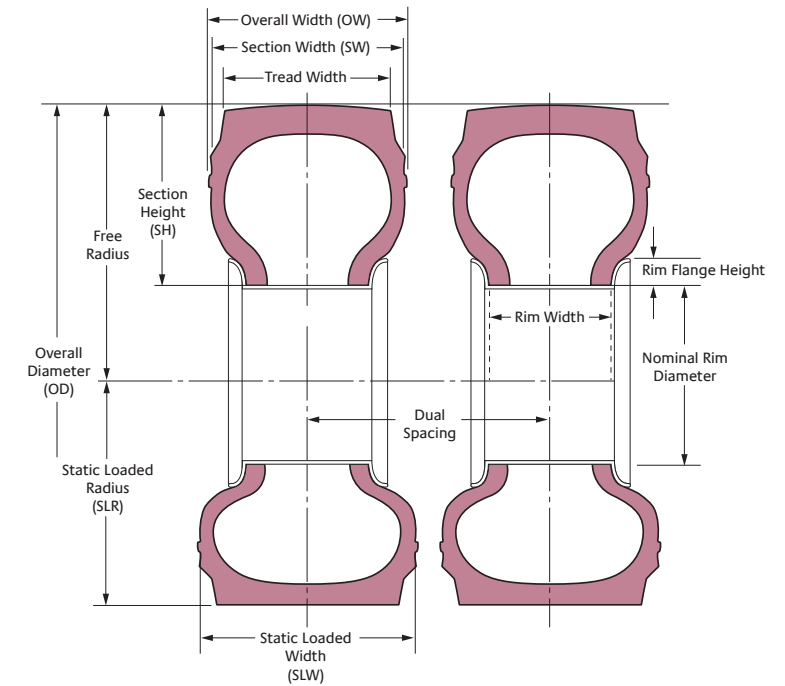
# Industrial - Line-up



## The premium industrial tyre range

| Tyre size | Pattern | Star Rating | Type | Approximate Inflated Dimensions |      |     |      |     |      |     |      | OTD  | Minimal Dual Spacing |      | Recommended Rim/Flange Height (inch) |
|-----------|---------|-------------|------|---------------------------------|------|-----|------|-----|------|-----|------|------|----------------------|------|--------------------------------------|
|           |         |             |      | OD                              |      | OW  |      | SLR |      | SLW |      |      | mm                   | inch |                                      |
|           |         |             |      | mm                              | inch | mm  | inch | mm  | inch | mm  | inch |      |                      |      |                                      |
| 12.00 R20 | VCH     | ***         | T/T  | 1140                            | 44,9 | 315 | 12,4 | 512 | 20,2 | 360 | 14,2 | 29,5 |                      |      | 8.50V                                |
| 12.00 R20 | VCHS    | ***         | T/T  | 1139                            | 44,8 | 297 | 11,7 | 507 | 20   | 355 | 14   | 41,5 |                      |      | 8.50V                                |
| 12.00-20  | RL      | 20          | T/T  | 1138                            | 44,8 | 316 | 12,4 | 507 | 20   | 348 | 13,7 | 24   | 378                  | 14,9 | 8.50V                                |
| 12.00 R24 | VCH     | **          | T/T  | 1254                            | 49,4 | 323 | 12,7 | 558 | 22   | 376 | 14,8 | 29,5 |                      |      | 8.50V                                |
| 12.00 R24 | VCHS    |             | T/T  | 1263                            | 49,7 | 310 | 12,2 | 580 | 12,2 | 351 | 13,8 | 42   |                      |      | 8.50V                                |
| 12.00-24  | STMS    | 20          | T/T  | 1275                            | 50,2 | 321 | 12,6 | 606 | 23,9 | 339 | 13,3 | 55   | 391                  | 15,4 | 8.50V                                |
| 14.00 R24 | VHB     | ***         | T/T  | 1357                            | 53,4 | 383 | 15,1 | 630 | 24,8 | 410 | 16,1 | 23,5 |                      |      | 10.00W                               |
| 14.00 R24 | VCH     | ***         | T/T  | 1393                            | 54,8 | 390 | 15,4 | 610 | 24   | 460 | 18,1 | 32   |                      |      | 10.00W                               |
| 14.00 R24 | VCHS    | ***         | T/T  | 1412                            | 55,6 | 383 | 15,1 | 626 | 24,6 | 445 | 17,5 | 63   |                      |      | 10.00W                               |
| 14.00-24  | RL      | 28          | T/T  | 1366                            | 53,8 | 387 | 15,2 | 627 | 24,7 | 400 | 15,7 | 28   | 450                  | 17,7 | 8.50V                                |
| 16.00 R25 | VHB     | **          | T/L  | 1484                            | 58,4 | 440 | 17,3 | 690 | 27,2 | 475 | 18,7 | 22,5 |                      |      | 11.25/2.0                            |
| 16.00 R25 | VCHR    |             | T/L  | 1504                            | 59,2 | 435 | 17,1 | 674 | 26,5 | 500 | 19,7 | 50   |                      |      | 11.25/2.0                            |
| 16.00-25  | RL      | 32          | T/L  | 1495                            | 58,9 | 445 | 17,5 | 671 | 26,4 | 459 | 18,1 | 33,5 | 513                  | 20,2 | 11.25/2.0                            |
| 16.00-25  | RLS     | 32          | T/L  | 1548                            | 60,9 | 438 | 17,2 | 722 | 28,4 | 460 | 18,1 | 57   | 513                  | 20,2 | 11.25/2.0                            |
| 18.00 R25 | VHB     | ***         | T/L  | 1610                            | 63,4 | 515 | 20,3 | 733 | 28,9 | 565 | 22,2 | 26   |                      |      | 13.00/2.5                            |
| 18.00 R25 | VEL     | ***         | T/L  | 1609                            | 63,3 | 507 | 20   | 727 | 28,6 | 571 | 22,5 | 34   | 612                  | 24,1 | 13.00/2.5                            |
| 18.00-25  | VCHS    | ***         | T/L  | 1650                            | 65   | 504 | 19,8 | 707 | 27,8 | 596 | 23,5 | 64   |                      |      | 13.00/2.5                            |
| 18.00 R25 | VSMS    | **          | T/L  | 1681                            | 66,2 | 512 | 20,2 | 730 | 28,7 | 592 | 23,3 | 84,5 |                      |      | 13.00/2.5                            |
| 18.00-25  | RL      | 40          | T/L  | 1608                            | 6,3  | 508 | 20   | 727 | 28,6 | 572 | 22,5 | 36   | 587                  | 23,1 | 13.00/2.5                            |
| 18.00-25  | ELS2    | 40          | T/L  | 1685                            | 66,3 | 515 | 20,3 | 796 | 31,3 | 530 | 20,9 | 66,5 | 587                  | 23,1 | 13.00/2.5                            |
| 18.00-25  | STMS    | 40          | T/L  | 1675                            | 65,9 | 520 | 20,5 | 762 | 30   | 550 | 21,7 | 84   | 587                  | 23,1 | 13.00/2.5                            |
| 21.00-25  | RL      | 40          | T/L  | 1750                            | 68,9 | 570 | 22,4 | 775 | 30,5 | 620 | 24,4 | 41   | 668                  | 26,3 | 15.00/3.0                            |
| 18.00 R33 | VELS    | ***         | T/L  | 1856                            | 73,1 | 512 | 20,2 | 856 | 33,7 | 575 | 22,6 | 49   | 587                  | 23,1 | 13.00/2.5                            |
| 18.00 R33 | VCHS    | ***         | T/L  | 1856                            | 73,1 | 494 | 19,4 | 803 | 31,6 | 585 | 23   | 70   |                      |      | 13.00/2.5                            |
| 18.00-33  | ELS2    | 36          | T/L  | 1878                            | 73,9 | 515 | 20,3 | 887 | 34,9 | 533 | 21   | 66,5 | 587                  | 23,1 | 13.00/2.5                            |
| 21.00-35  | RL      | 40          | T/L  | 2004                            | 78,9 | 570 | 22,4 | 937 | 36,9 | 648 | 25,5 | 41   | 701                  | 27,6 | 15.00/3.0                            |
| 21.00-35  | ELS2    | 40          | T/L  | 2040                            | 80,3 | 592 | 23,3 | 955 | 37,6 | 617 | 24,3 | 67   | 701                  | 27,6 | 15.00/3.0                            |

### GRAPHICAL ILLUSTRATION OF THE APPROXIMATE INFLATED DIMENSIONS



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## General - Info

A COMPLETE LINE. A SUPERIOR SELECTION.

## Industrial - Tyre overview



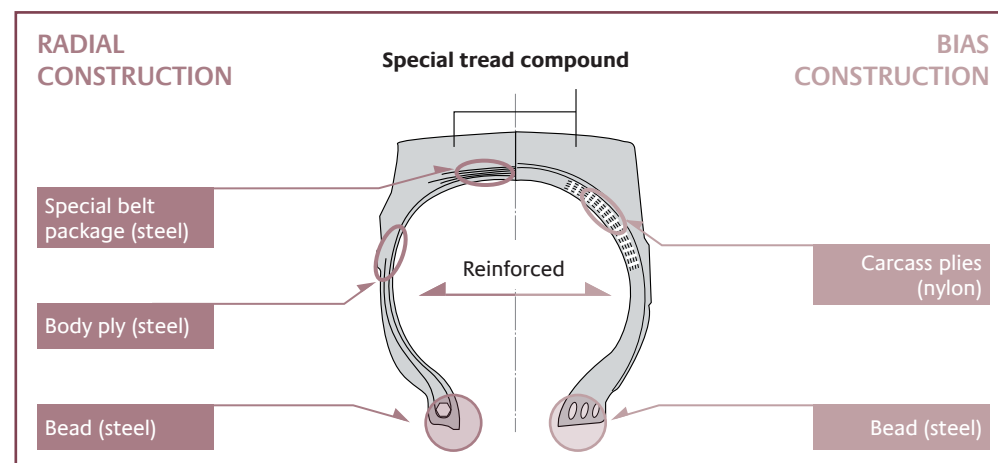
### OFF-THE-ROAD RADIAL AND BIAS TYRES

Keep it moving, with Bridgestone's premium tyres for industrial applications

The continuity of your operations depends a great deal on the reliability of your tyres. Which is why Bridgestone is dedicated to developing world-class tyres that perform exactly how and when you expect: with outstanding stability, durability and comfort, time after time.

| Pattern     | RADIAL  |   |  |  |   |   |  | BIAS        |   |  |   |   |
|-------------|---|---|--|--|---|---|--|-------------|---|--|---|---|
|             | VHB   | VCH   | VEL  | VELS   | VCHS  | VCHR  | VSMS   | Pattern     | RL  | RLS  | ELS2  | STMS  |
|             | V-steel H-Block   | V-steel Container Handler   | V-steel E-Lug  | V-steel E-Lug S  | V-steel Container Handler Stability & Safety  | V-steel Container Handler Rib   | V-steel Smooth Tread MS  |             | R-Lug   | R-Lug S  | E-Lug S2  | Smooth Tread MS   |
| Description | <ul style="list-style-type: none"> <li>Features exceptional casing durability.</li> <li>Specially designed for mobile harbor cranes and towing tractors.</li> </ul> | <ul style="list-style-type: none"> <li>Specially designed for container stackers.</li> <li>Exceptional life and superior cut resistance.</li> <li>Low negative ratio of this pattern provides a strong resistance to irregular wear.</li> </ul> | <ul style="list-style-type: none"> <li>Normal depth tread pattern with sidewall protectors.</li> <li>Reinforcing 3 casing designed for industrial operations, especially for automated guided vehicles.</li> </ul> | <ul style="list-style-type: none"> <li>Specially designed for Shuttle Carrier.</li> <li>Deep tread pattern with sidewall protectors.</li> <li>Highly resistant to cutting, chipping and shock damage.</li> </ul> | <ul style="list-style-type: none"> <li>Especially designed for container handling equipment.</li> <li>Safe and stable operations due to its newly developed all steel radial casing.</li> <li>Unique pattern is designed for longer tread life by preventing irregular wear.</li> </ul> | <ul style="list-style-type: none"> <li>Especially designed for straddle carrier operation.</li> <li>Exceptional long life, superior driving comfort and enhanced overall operating efficacy.</li> </ul> | <ul style="list-style-type: none"> <li>Smooth extra-deep tread with a reinforced all-steel radial casing.</li> <li>For container handling equipment especially on abrasive concrete surfaces.</li> </ul> | Description | <ul style="list-style-type: none"> <li>Well-balanced pattern with standard tread depth</li> <li>Applicable to a wide range of industrial type machines, especially the slow wearing type, such as a rubber-tired gantry crane (RTG).</li> </ul> | <ul style="list-style-type: none"> <li>Long tread life thanks to extra-deep tread.</li> <li>Unique rubber compound resists cutting and wearing on smooth surface.</li> <li>Suitable for empty container handlers.</li> </ul> | <ul style="list-style-type: none"> <li>Specially designed for loaded container handlers.</li> <li>Well established product ensuring stability for safe operations and long life.</li> </ul> | <ul style="list-style-type: none"> <li>Extra long tread life and best riding comfort due to extra-deep and smooth tread design.</li> <li>Suitable for empty and loaded container handlers, especially on abrasive concrete surfaces.</li> </ul> |
| Tread Depth | Standard  | Standard  | Standard   | Deep   | Deep  | Deep  | Extra Deep   | Tread Depth | Standard  | Deep   | Deep  | Extra-Deep  |
| 12.00 R20   |   | ***   |  |  | ***   |   |  | 12.00-20    | 20  |  |   |   |
| 12.00 R24   |   | **  |  |  | **  |   |  | 12.00-24    |   |  |   | 20  |
| 14.00 R24   | ***   | ***   |  |  | ***   |   |  | 14.00-24    | 28  |  |   |   |
| 16.00 R25   | **  |   |  |  |   | **  |  | 16.00-25    | 32  | 32   |   |   |
| 18.00 R25   | ***   |   | ***  |  | ***   |   | **   | 18.00-25    | 40  |  | 40  | 40  |
| 21.00 R25   |   |   |  |  |   |   |  | 21.00-25    | 40  |  |   |   |
| 18.00 R33   |   |   |  | ***  | ***   |   |  | 18.00-33    |   |  | 36  |   |
|             |   |   |  |  |   |   |  | 21.00-35    | 40  |  | 40  |   |

### REINFORCED CASING FOR HEAVY LOAD AND LONG LIFE



### RECOMMENDATION FOR EACH APPLICATION

| Lift trucks<br>Empty container handlers |       | Loaded container handlers |       | Straddle carriers |      | Harbor cranes |     | Automated guided vehicles |  | Lift trucks<br>Empty container handlers |    | Loaded container handlers |    | Harbor cranes |  | Rubber tired gantry cranes |
|---|-------|---------------------------|-------|-------------------|------|---------------|-----|---------------------------|--|---|----|---------------------------|----|---------------|--|----------------------------|
| RADIAL TYRES                            |       |                           |       |                   |      |               |     |                           |  | BIAS TYRES                              |    |                           |    |               |  |                            |
| VCH                                     | VCHD* | VCHS*                     | VCHS* | VSMS*             | VCHR | VHB           | VEL | VHB                       |  | RL                                      | RL | ELS2                      | RL | RL            |  |                            |
|   |       |                           |       |                   |      |               |     |                           |  |   |    |                           |    |               |  |                            |

\* When the average operating speed exceeds 30 km/h, consult your Bridgestone representative.  
 \*\* For your radial tyre fitment, consult your Bridgestone representative.