


**MONARCH®**

100% ELECTRIC | DRIVER OPTIONAL | DATA-DRIVEN

## MK-V TIRE SPECIFICATIONS

| Monarch Tires        |  <b>YOKOHAMA</b><br>R1 Alliance A-370 / FarmPRO 324                                                                                                                                                                                                                                                                              |  <b>TITAN</b><br>R14 Goodyear R14T                                                                                                                                                                                                                                                                                                                                                                        |  <b>YOKOHAMA</b><br>R4 Galaxy Marathoner                                                                                                                                                                                    |  <b>YOKOHAMA</b><br>R3 Galaxy Garden Pro XTD                                                                                                                                                                                                                          |
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|                      |                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                       |
| Product Key Features | R1 Alliance A-370 / FarmPRO 324                                                                                                                                                                                                                                                                                                                                                                                   | R14 Goodyear R14T                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | R4 Galaxy Marathoner                                                                                                                                                                                                                                                                                           | R3 Galaxy Garden Pro XTD                                                                                                                                                                                                                                                                                                                                 |
|                      | <ul style="list-style-type: none"> <li>• Modern curved 25 degree design for both on and off road applications.</li> <li>• Superior traction during field operations.</li> <li>• The large tire footprint area reduces average ground pressure, minimizing soil compaction and increases flotation abilities.</li> <li>• Rim allows for adjustable rear track width for different crops and row widths.</li> </ul> | <ul style="list-style-type: none"> <li>• Continuous arc bar angle and shape inspired by the premium Goodyear Optitrac R-1W line, provides unparalleled traction and cleaning.</li> <li>• High lug-to-void ratio perfect for hard surface applications with a lug designed for cleaning and traction in softer soils.</li> <li>• Designed for minimal ground disturbance ideal for lawn, turf, and sandy soil application.</li> <li>• The perfect hybrid between a R-1 and a R-4.</li> </ul> | <ul style="list-style-type: none"> <li>• Designed to provide outstanding wear characteristics and offer great pulling power.</li> <li>• The Marathoner features Galaxy's "Mud Breakers," designed to eject mud from the tread.</li> <li>• Ideal for hard surface applications both on and off road.</li> </ul> | <ul style="list-style-type: none"> <li>• A mixed-service radial tire developed specifically for small tractors used in gardening, orchards, and vineyards.</li> <li>• Features nearly 50 per cent greater tread depth than typical R-3 tires, and a solid-to-void ratio of 49:51 per cent - substantially more than typical R-1 or R-4 tires.</li> </ul> |

| Dimensions in. (mm)           | R1 Alliance A-370 / FarmPRO 324                                                     |                                                                                     | R14 Goodyear R14T                                                                    |                                                                                       | R4 Galaxy Marathoner                                                                  |                                                                                       | R3 Galaxy Garden Pro XTD                                                              |                                                                                       |
|-------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|                               |    |                                                                                     |    |                                                                                       |    |                                                                                       |    |                                                                                       |
|                               | Front                                                                               | Rear                                                                                | Front                                                                                | Rear                                                                                  | Front                                                                                 | Rear                                                                                  | Front                                                                                 | Rear                                                                                  |
| Unloaded Outer Diameter       | 27 (686)                                                                            | 43.5 (1,105)                                                                        | 27.3 (692)                                                                           | 41.4 (1,052)                                                                          | 26.7 (678)                                                                            | 42.2 (1,072)                                                                          | 27 (686)                                                                              | 42 (1,068)                                                                            |
| Unloaded Static Width         | 7.8 (198)                                                                           | 11.2 (285)                                                                          | 8.9 (226)                                                                            | 12.6 (320)                                                                            | 8.4 (213)                                                                             | 16.1 (409)                                                                            | 8.5 (216)                                                                             | 15.9 (404)                                                                            |
| Statically Loaded Radius      | 12.4 (315)                                                                          | 20.5 (520)                                                                          | 12.5 (318)                                                                           | 18.7 (476)                                                                            | 12.7 (322)                                                                            | 19.4 (495)                                                                            | 12.5 (318)                                                                            | 19 (483.1)                                                                            |
| Rolling Circumference         | 81.5 (2,069)                                                                        | 131.6 (3,343)                                                                       | 81 (2,061)                                                                           | 125 (3,178)                                                                           | 84 (2,134)                                                                            | 128.7 (3,268)                                                                         | 78.9 (2,004)                                                                          | 125.9 (3,198)                                                                         |
| Tractor Minimum Overall Width | 48.4 (1,229)                                                                        |                                                                                     | 54.2 (1,377)                                                                         |                                                                                       | 59.4 (1,509)                                                                          |                                                                                       | 59.2 (1,504)                                                                          |                                                                                       |
| Available Track Widths        | 37.0 (939)                                                                          | 36.0 (916)<br>40.6 (1,030)<br>43.9 (1,116)<br>48.4 (1,230)                          | 38.9 (988)                                                                           | 42.1 (1,069)                                                                          | 38.9 (988)                                                                            | 45.5 (1,156)                                                                          | 38.9 (988)                                                                            | 45.5 (1,156)                                                                          |
| Sizes/Specifications          | R1 Alliance A-370 / FarmPRO 324                                                     |                                                                                     | R14 Goodyear R14T                                                                    |                                                                                       | R4 Galaxy Marathoner                                                                  |                                                                                       | R3 Galaxy Garden Pro XTD                                                              |                                                                                       |
|                               | Front                                                                               | Rear                                                                                | Front                                                                                | Rear                                                                                  | Front                                                                                 | Rear                                                                                  | Front                                                                                 | Rear                                                                                  |
| Manufacturer                  | Yokohama                                                                            |                                                                                     | Titan                                                                                |                                                                                       | Yokohama                                                                              |                                                                                       | Yokohama                                                                              |                                                                                       |
| Brand                         | Alliance                                                                            |                                                                                     | Goodyear                                                                             |                                                                                       | Galaxy                                                                                |                                                                                       | Galaxy                                                                                |                                                                                       |
| Model                         | A-370                                                                               | Farm PRO 324                                                                        | R14T                                                                                 |                                                                                       | The Marathoner                                                                        |                                                                                       | GARDEN PRO XTD                                                                        |                                                                                       |
| Tread Designation             | R-1W                                                                                | R-1                                                                                 | R-1                                                                                  |                                                                                       | R-4                                                                                   |                                                                                       | R-3+                                                                                  |                                                                                       |
| Size                          | 200/70R16                                                                           | 11.2-24                                                                             | 27x8.50-15                                                                           | 320/85R20                                                                             | 27.8.5-105                                                                            | 4.3x16.00-20                                                                          | 215/70R15                                                                             | 400/70R20                                                                             |
| Rim Size                      | W6 x 16                                                                             | W10 x 24                                                                            | 7JA x 15                                                                             | W11 x 20                                                                              | 7 x 15                                                                                | 13 x 15                                                                               | 7 x 15                                                                                | 13 x 15                                                                               |
| Load Index & Speed Symbol     | 94A8/94B                                                                            | 116A8                                                                               | 102A8                                                                                | 119D                                                                                  | 96B/100A6                                                                             | 120A6                                                                                 | 90A6/90B                                                                              | 130A8/130B                                                                            |
| Tire Type                     | TL                                                                                  | TL                                                                                  | TL                                                                                   | TL                                                                                    | TL                                                                                    | TL                                                                                    | TL                                                                                    | TL                                                                                    |
| Tire Construction             | Radial                                                                              | Bias                                                                                | Bias                                                                                 | Radial                                                                                | Bias                                                                                  |                                                                                       | Radial                                                                                |                                                                                       |
| Manufacturer Data             | Yokohama Alliance                                                                   |                                                                                     | Titan Goodyear                                                                       |                                                                                       | Yokohama Galaxy                                                                       |                                                                                       | Yokohama Galaxy                                                                       |                                                                                       |
|                               | <u>R1 Alliance A-370</u>                                                            | <u>FarmPRO 324</u>                                                                  | <u>Goodyear R14T</u>                                                                 | <u>Goodyear R14T</u>                                                                  | <u>The Marathoner</u>                                                                 | <u>The Marathoner</u>                                                                 | <u>Garden Pro XTD</u>                                                                 | <u>Garden Pro XTD</u>                                                                 |
|                               |  |  |  |  |  |  |  |  |