



# MK-V TIRE SPECIFICATIONS

100% Electric | Driver Optional | Data-Driven

Monarch Part	R1 Alliance A-370 / FarmPRO 324	R14 Goodyear R14T	R4 Galaxy Marathoner	R3 Galaxy Garden Pro XTD
Monarch SKU	M-A-TWAS-MKV-R1AAF-TS4	M-A-TWAS-MKV-R14GY-TS4	M-A-TWAS-MKV-R4GM-TS4	M-A-TWAS-MKV-R3GGP-TS4
Tractor Configuration Upgrade Price (Shipping and Installation Included if ordered with Tractor)	Included in Tractor Price	+\$1,800*	+\$600*	+\$1,000*
Accessory Set Price - Tractor Tire/Wheel Assembly (Set of 4) (Shipping extra, Installation not included) *Starting at	\$1,699*	\$3,499*	\$2,299*	\$2,699*



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 (1105)	27.3 (692)	41.4 (1052)	26.7 (678)	42.2 (1072)	27 (686)	42 (1068)
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 (2069)	131.6 (3343)	81 (2061)	125 (3178)	84 (2134)	128.7 (3268)	78.9 (2004)	125.9 (3198)
Tractor Minimum Overall Width	48.4 (1229)		54.2 (1377)		59.4 (1509)		59.2 (1504)	
Available Track Widths	37.0 (939)	36.0 (916) 40.6 (1,030) 43.9 (1,116) 48.4 (1,230)	38.9 (988)	42.1 (1069)	38.9 (988)	45.5 (1156)	38.9 (988)	45.5 (1156)

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	

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 offroad</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>

Manufacturer Data	Yokohama Alliance		Titan Goodyear		Yokohama Galaxy		Yokohama Galaxy	
	R1 Alliance A-370	FarmPRO 324	Goodyear R14T	Goodyear R14T	The Marathoner	The Marathoner	Garden Pro XTD	Garden Pro XTD
								