



RALSON
TYRES TREAD NEW PATHS

**ENGINEERED
TO GO THE EXTRA MILE**



50



**YEARS OF TREADING
NEW PATHS**



EXPECT MORE, BECAUSE WE STRIVE TO EXCEED YOUR EXPECTATIONS

With over five decades of experience and cutting-edge technology, Ralson's journey in tyre manufacturing is a testament to continuous evolution and innovation. What began with the manufacturing of bicycle tyres expanded into the production of automotive tyres, and most recently, into the rapidly growing commercial tyre sector. This rich history underscores Ralson's deep expertise in rubber technology and engineering.

Ralson Commercial Tyres Tested & Proven across Europe, America, Middle-East & Latin-America

Ralson Commercial Tyres venture is rapidly expanding its global footprint. Our state-of-the-art facility has the capacity to produce four million commercial tyres annually, each engineered for superior quality, exceptional fuel efficiency, reduced operating costs, and extended tyre life. By combining world-class machinery with our team's deep expertise, we craft commercial tyres that meet the diverse needs of international markets. Our rigorous quality control process, involving 20 stringent

inspections, ensures that only the finest products reach our customers.

Global Reach and Unmatched Performance

As one of India's fastest-growing tyre companies, Ralson's commitment to excellence has earned us a loyal customer base in over 70 countries. Our comprehensive range of tyres, evolved from bicycles to automotive and now to commercial vehicles, delivers unmatched performance and reliability across various applications.



IT TAKES
A WORLD-
CLASS
FACTORY TO
PRODUCE
BEST-IN-
CLASS
TYRES.



RMR51 FEATURES, ADVANTAGES & BENEFITS



295/90R20

TYRE SIZE	PLY RATING/ LOAD RANGE	MEAS. RIM (IN)	ACTUAL OVERALL DIA (MM)	ACTUAL OVERALL WIDTH (MM)	TREAD DEPTH (MM)	MAX TYRE LOAD SINGLE (KG@PSI)	MAX TYRE LOAD DUAL (KG@PSI)	MAX. SPEED (KMPH)
295/90R20	16H	8	1070	313	15.8	3350@123	3150@123	100

NUMBER	FEATURE	ADVANTAGE	BENEFITS
①	Integrated Functional & Optical Sipes.	Superior Initial Traction. Superior All Weather Traction. Cooler Running.	Even Wear. Extended Tread Life. Emerging Wear Appearance.
②	Wider Shoulder Rib.	Optimized Side Turning Forces & Resist Tearing.	Improved Tread & Casing Life.
③	Sinusoidal Shoulder Groove.	High Traction, Improved Breaking Enhance Shoulder Stability Low Rolling Resistance.	Uniform Wear.
④	Optimized Groove Angle With Stone Ejector.	Self Cleaning. Ease Stone Ejection. Less Downtime.	Improved Tread & Casing Life.
⑤	Balanced Rib Ratio.	Even Pressure Distribution. Excellent Handling.	Higher Mileage, Even Wear. Better Driving Control. Driving Comfort.



AR91 FEATURES, ADVANTAGES & BENEFITS

295/90R20



TYRE SIZE	PLY RATING/ LOAD RANGE	MEAS. RIM (IN)	ACTUAL OVERALL DIA (MM)	ACTUAL OVERALL WIDTH (MM)	TREAD DEPTH (MM)	MAX TYRE LOAD SINGLE (KG@PSI)	MAX TYRE LOAD DUAL (KG@PSI)	MAX. SPEED (KMPH)
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295/90R20 16H 8 1070 313 16 3550@123 3150@123 100

NUMBER	FEATURE	ADVANTAGE	BENEFITS
1	Integrated Functional & Optical Sipes.	Superior Initial Traction. Superior All Weather Traction. Cooler Running.	Even Wear. Extended Tread Life. Emerging Wear Appearance.
2	Wider Shoulder Rib.	Optimized Side Turning Forces & Resists Tearing.	Improved Tread & Casing Life.
3	Sinusoidal Shoulder Groove.	High Traction for Improved Breaking. Enhanced Shoulder Stability. Low Rolling Resistance.	Uniform Wear.
4	Optimized Groove Angle with Stone Ejector.	Self Cleaning. Easy Stone Ejection. Less Downtime.	Improved Tread & Casing Life.
5	Balanced Rib Ratio.	Even Pressure Distribution. Excellent Handling.	Higher Mileage. Even Wear. Better Driving Control. Driving Comfort.
6	Customised Tread Compound Formulation.	Superior Resistance Against Cuts & Chips.	Higher Carcass Durability Results In More Number of Re-Treads.



TR91
**FEATURES,
ADVANTAGES &
BENEFITS**

295/90R20

TYRE SIZE	PLY RATING/ LOAD RANGE	MEAS. RIM (IN)	ACTUAL OVERALL DIA (MM)	ACTUAL OVERALL WIDTH (MM)	TREAD DEPTH (MM)	MAX TYRE LOAD SINGLE (KG@PSI)	MAX TYRE LOAD DUAL (KG@PSI)	MAX. SPEED (KMPH)
295/90R20	16H	8	1070	313	12.5	3350@123	3150@123	100

NUMBER	FEATURE	ADVANTAGE	BENEFITS
①	Full Depth Multi-dimensional Functional Sipes.	Counter Irregular Wear & Rib Tearing.	Higher Mileage & Even Wear.
②	Optical Sipes.	Initial Traction.	Even Wear.
③	Corrugated Cooling Fins.	Increased Surface Area & Better Heat Dissipation.	Long Casing Life.
④	Chamfered Solid Shoulder.	Counter Sideways Force In High Scrub Applications.	Even Shoulder Wear.
⑤	Balanced Rib Ratio.	Even Pressure Distribution.	Higher Mileage & Even Wear.
⑥	Wear Equalizer.	Counters Irregular Wear & Rib Tearing.	Higher Mileage & Even Wear.



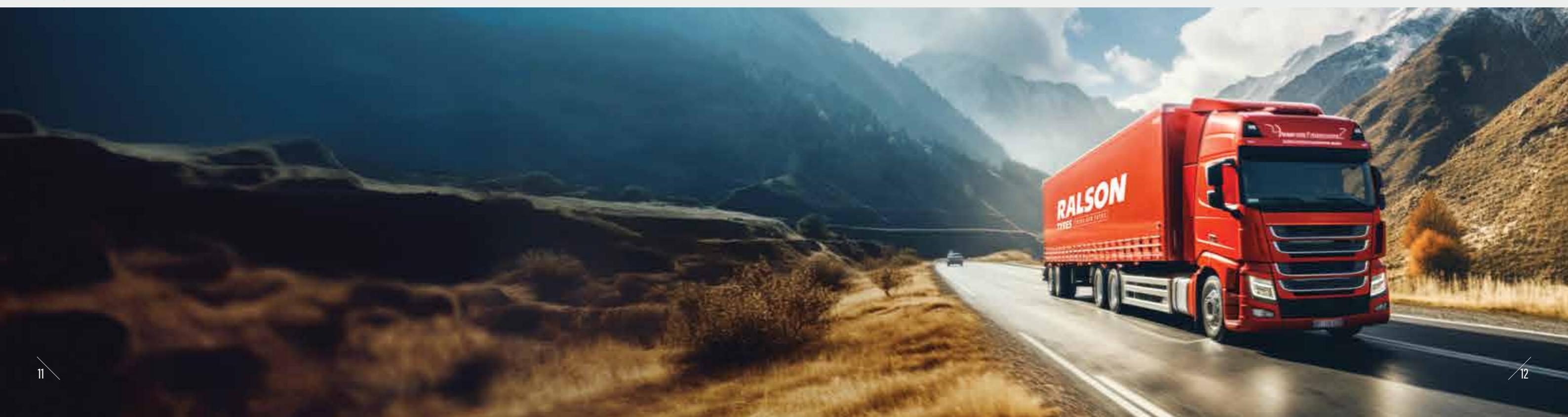
RDR95 FEATURES, ADVANTAGES & BENEFITS

295/90R20 & 11.00R20



TYRE SIZE	PLY RATING/ LOAD RANGE	MEAS. RIM (IN)	ACTUAL OVERALL DIA (MM)	ACTUAL OVERALL WIDTH (MM)	TREAD DEPTH (MM)	MAX TYRE LOAD SINGLE (KG@PSI)	MAX TYRE LOAD DUAL (KG@PSI)	MAX. SPEED (KMPH)
295/90R20	16 H	7.5	1068.0	285.0	20.8	3550@123	3150@123	100
11.00R20	16 H	8.0	1092.0	288.0	20.0	3350@120	3075@120	110

NUMBER	FEATURE	ADVANTAGE	BENEFITS
1	ThreeGroove Robust Tread Block Design	Ensures excellent contact patch and promotes uniform pressure distribution across the tire surface.	Delivers uniform wear improved traction, enhanced stability, and longer tread life for a safer and more comfortable driving experience.
2	Wider shoulder blockdesign	Enhances road contacts and reinforces the tire's outer edges for improved durability and handling stability.	Resist lateral forces during cornering and heavy loads, helping to reduce block squirm and uneven shoulder wear
3	Wider lateral grooves	Wider grooves creates additional biting edges and improved lateral traction on uneven surface.	Boosting grip during acceleration and breaking.
4	Tread depth indicator	Allows for quick tread checks by visual inspection.	No tool needed for checking the tread depth.
5	Strong carcass tow with stand high load	The robust structure supports heavy weights without excessive deformation. Ensuring the tire maintains its intended shape and perform under high load.	Prevents localized wear and extends tire lifespan.
6	Next-generation tread compound	Engineered to minimize heat buildup, resist abrasion and cuts, and deliver exceptional mileage.	A smoother, intact tread surface ensures consistent performance and better fuel economy.
7	Stone Ejectors	Avoid damages & water seepage into belt pack	Longer tire life



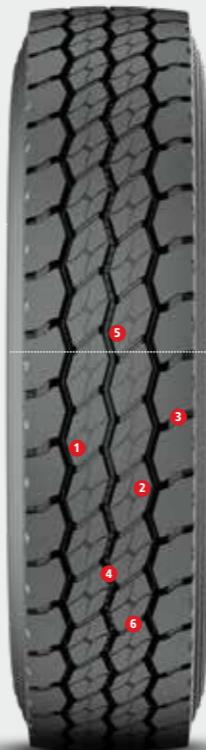
DR85 FEATURES, ADVANTAGES & BENEFITS

295/90R20



TYRE SIZE	PLY RATING/ LOAD RANGE	MEAS. RIM (IN)	ACTUAL OVERALL DIA (MM)	ACTUAL OVERALL WIDTH (MM)	TREAD DEPTH (MM)	MAX TYRE LOAD SINGLE (KG@PSI)	MAX TYRE LOAD DUAL (KG@PSI)	MAX. SPEED (KMPH)
295/90R20	16H	8	1070	313	19	3550@123	3150@123	100

NUMBER	FEATURE	ADVANTAGE	BENEFITS
1	Integrated Blocks With Tie Bar & Notches.	High Traction Enhanced Block Rigidity. Low Rolling Resistance.	Uniform Wear Throughout Tyre Tread Life.
2	Optical Sipes.	Initial Traction & Improved Heat Dissipation.	Even Initial Wear & Improved Grip.
3	Open Shoulder Pattern With Tie Bar.	Provide Powerful Traction & Self Cleaning Capability.	Improved Tread & Casing Life.
4	Optimized Groove Angles With Stone Ejectors.	Self Cleaning. Ease Stone Ejection. Less Downtime.	Improved Tread & Casing Life.
5	Balanced Rib Ratio.	Even Pressure Distribution.	Higher Mileage & Even Wear.
6	Exclusive Tread Compound Formulation.	Superior Resistance Against Cut & Chip.	Higher Carcass Durability Results in More Number of Re-Treads.



RDR55 FEATURES, ADVANTAGES & BENEFITS

295/90R20



TYRE SIZE	PLY RATING/ LOAD RANGE	MEAS. RIM (IN)	ACTUAL OVERALL DIA (MM)	ACTUAL OVERALL WIDTH (MM)	TREAD DEPTH (MM)	MAX TYRE LOAD SINGLE (KG@PSI)	MAX TYRE LOAD DUAL (KG@PSI)	MAX. SPEED (KMPH)
295/90R20	16H	8	1070	313	22.2	3350@123	3150@123	100

NUMBER	FEATURE	ADVANTAGE	BENEFITS
1	Integrated Blocks with Tie Bar.	High Traction. Enhanced Block Rigidity. Low Rolling Resistance.	Uniform Wear Throughout Tire Tread Life.
2	Optical Sipes.	Initial Traction & Improved Heat Dissipation.	Even Wear & Long Tread Life.
3	3D Matrix Sipes.	Improves Tread Blocks Stiffness During Acceleration & Breaking Stable Footprint.	Even Wear & Long Tread Life. Higher Retreadability.
4	Stable Closed Shoulder.	Manage Weight & Torque.	Even Wear.
5	Balanced Rib Ratio.	Even Pressure Distribution. Excellent Handling.	Higher Mileage & Even Wear. Better Driving Control. Driving Comfort.
6	Optimized Groove Angle.	Self Cleaning. Less Downtime.	Improved Tread & Casing Life.



RDR52 FEATURES, ADVANTAGES & BENEFITS

295/90R20



TYRE SIZE	PLY RATING/ LOAD RANGE	MEAS. RIM (IN)	ACTUAL OVERALL DIA (MM)	ACTUAL OVERALL WIDTH (MM)	TREAD DEPTH (MM)	MAX TYRE LOAD SINGLE (KG@PSI)	MAX TYRE LOAD DUAL (KG@PSI)	MAX. SPEED (KMPH)
295/90R20	16H	8	1070	313	22.3	3350@123	3150@123	100

NUMBER	FEATURE	ADVANTAGE	BENEFITS
①	Integrated Blocks With Tie Bar.	High Traction. Enhance Block Rigidity. Low Rolling Resistance.	Uniform Wear Throughout Tire Tread Life.
②	Optical Sipes.	Initial Traction & Improved Heat Dissipation.	Even Wear & Long Tread Life.
③	3D Matrix Sipes.	Improves Tread, Blocks Stiffness During Acceleration & Breaking Stable Footprint.	Even Wear & Long Tread Life. Higher Retreadability.
④	Stable Closed Shoulder.	Manage Weight & Torque.	Even Wear.
⑤	Balanced Rib Ratio.	Even Pressure Distribution. Excellent Handling.	Higher Mileage & Even Wear. Better Driving Control. Driving Comfort.
⑥	Optimized Groove Angle.	Self Cleaning. Less Downtime.	Improved Tread & Casing Life.



RMR61 FEATURES, ADVANTAGES & BENEFITS



295/80R22.5

TYRE SIZE	PLY RATING/ LOAD RANGE	MEAS. RIM (IN)	ACTUAL OVERALL DIA (MM)	ACTUAL OVERALL WIDTH (MM)	TREAD DEPTH (MM)	MAX TYRE LOAD SINGLE (KG@PSI)	MAX TYRE LOAD DUAL (KG@PSI)	MAX. SPEED (KMPH)
295/80R22.5	18J	9.00	1056.0	312.0	16.5	3750@123	3250@123	130

NUMBER	FEATURE	ADVANTAGE	BENEFITS
1	Integrated Functional and Optical sipes	Superior Initial traction Superior all weather traction Cooler running	Even wear Extended tread life Emerging wear appearance
2	Wider Shoulder Rib	Optimized side turning forces and resist tearing	Improved Tread and Casing Life
3	Stress Relief Sipe	Absorbs impact from the road's surface. Gives your tires micro flexibility.	Smoothen ride. Enhanced braking power.
4	Stone Ejectors	Self Cleaning. Ease Stone Ejection. Less Downtime.	Improved Tread and Casing Life.
5	Balanced rib ratio	Even pressure distribution Excellent Handling.	Higher mileage. Even wear. Better Driving Control. Driving Comfort.



AR01 FEATURES, ADVANTAGES & BENEFITS

295/80R22.5



TYRE SIZE	PLY RATING/ LOAD RANGE	MEAS. RIM (IN)	ACTUAL OVERALL DIA (MM)	ACTUAL OVERALL WIDTH (MM)	TREAD DEPTH (MM)	MAX TYRE LOAD SINGLE (KG@PSI)	MAX TYRE LOAD DUAL (KG@PSI)	MAX. SPEED (KMPH)
295/80R22.5	18J	9	1062	313	16.3	3750@123	3250@123	130

NUMBER	FEATURE	ADVANTAGE	BENEFITS
1	Integrated Functional & Optical Sipes.	Superior Initial Traction. Superior All Weather Traction. Cooler Running.	Even Wear. Extended Tread Life. Emerging Wear Appearance.
2	Wider Shoulder Rib.	Optimized Side Turning Forces & Resist Tearing.	Improved Tread & Casing Life.
3	Sinusoidal Shoulder Groove.	High Traction. Improved Breaking. Enhanced Shoulder Stability. Low Rolling Resistance.	Uniform Wear.
4	Optimized Groove Angle With Stone Ejector.	Self Cleaning. Ease Stone Ejection. Less Downtime.	Improved Tread & Casing Life.
5	Balanced Rib Ratio.	Even Pressure Distribution. Excellent Handling.	Higher Mileage & Even Wear. Better Driving Control. Driving Comfort.
6	Exclusive Tread Compound Formulation.	Superior Resistance Against Cuts & Chips.	Higher Carcass Durability Results in More Number of Re-Treads.



RDR75 FEATURES, ADVANTAGES & BENEFITS



TYRE SIZE	PLY RATING/ LOAD RANGE	MEAS. RIM (IN)	ACTUAL OVERALL DIA (MM)	ACTUAL OVERALL WIDTH (MM)	TREAD DEPTH (MM)	MAX TYRE LOAD SINGLE (KG@PSI)	MAX TYRE LOAD DUAL (KG@PSI)	MAX. SPEED (KMPH)
295/80R22.5	18J	9.0	1058.0	305.0	18.5	3750@123	3250@123	130

NUMBER	FEATURE	ADVANTAGE	BENEFITS
①	Integrated Blocks with tie bar	High traction Enhanced block rigidity. Low rolling resistance	Uniform wear throughout tire tread life.
②	Optical Sipes	Initial traction & Improved Heat dissipation.	Even Initial wear & Improved Grip.
③	3D Matrix Sipes	Improves tread block stiffness during acc. & Breaking.	Even wear & Long tread life. Improved Grip.
④	Wider Open Shoulder	Low turning side forces and resist tearing & better. heat dissipation.	Improved Tread and Casing Life.
⑤	Balanced rib ratio	Even pressure distribution.	Higher mileage and even wear.
⑥	Deeper Elliptical Sipes	Will increase the Edge component at 2/3 TWD.	Uncompromised Grip throughout tire tread life. Improved Road Holding.

295/80R22.5



DR15 FEATURES, ADVANTAGES & BENEFITS

295/80R22.5



TYRE SIZE	PLY RATING/ LOAD RANGE	MEAS. RIM (IN)	ACTUAL OVERALL DIA (MM)	ACTUAL OVERALL WIDTH (MM)	TREAD DEPTH (MM)	MAX TYRE LOAD SINGLE (KG@PSI)	MAX TYRE LOAD DUAL (KG@PSI)	MAX. SPEED (KMPH)
295/80R22.5	18J	9	1062	313	20	3750@123	3250@123	130

NUMBER	FEATURE	ADVANTAGE	BENEFITS
1	Integrated Blocks with Tie Bar.	High Traction. Enhanced Block Rigidity. Low Rolling Resistance.	Uniform Wear Throughout Tyre Tread Life.
2	Optical Sipes.	Initial Traction & Improved Heat Dissipation.	Even Initial Wear & Improved Grip.
3	Wider Open Shoulder.	Low Turning Side Forces & Resist Tearing & Better Heat Dissipation.	Improved Tread & Casing Life.
4	Balanced Rib Ratio & Wider Centre Track.	Even Pressure Distribution.	Higher Mileage & Even Wear.
5	Exclusive Tread Compound Formulation.	Superior Resistance Against Cut & Chip.	Higher Carcass Durability Results in More Number of Re-Treads.



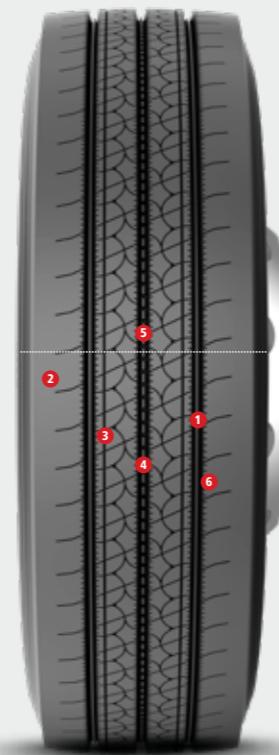
AR11 FEATURES, ADVANTAGES & BENEFITS

235/75R17.5



TYRE SIZE	PLY RATING/ LOAD RANGE	MEAS. RIM (IN)	ACTUAL OVERALL DIA (MM)	ACTUAL OVERALL WIDTH (MM)	TREAD DEPTH (MM)	MAX TYRE LOAD SINGLE (KG@PSI)	MAX TYRE LOAD DUAL (KG@PSI)	MAX. SPEED (KMPH)
235/75R17.5	14G	6.75	811	242	12	2000@112	1900@112	130

NUMBER	FEATURE	ADVANTAGE	BENEFITS
①	Straight Groove Design.	Improving Water Drainage & Reducing Hydroplaning. More Stability During Straight Drive.	Better Handling.
②	Wider Shoulder Rib.	Optimized Side Turning Forces & Resist Tearing.	Improved Tread & Casing Life.
③	Trendy & Unique Sipes Design.	Enhanced Tyre Performance by Promoting Better Flexing & Improve Adaptability to Road Surface.	Smoothen Ride. Enhanced Braking Power.
④	Stone Ejectors.	Self Cleaning. Ease Stone Ejection. Less Downtime.	Improved Tread & Casing Life.
⑤	Wider Tread Surface.	Even Pressure Distribution. Excellent Handling.	Higher Mileage & Even Wear. Better Driving Control. Driving Comfort.
⑥	Stress Relief Sipe.	Absorbs Impact from The Road's Surface. Gives Your Tyres Micro Flexibility.	Smoothen Ride. Enhanced Braking Power.



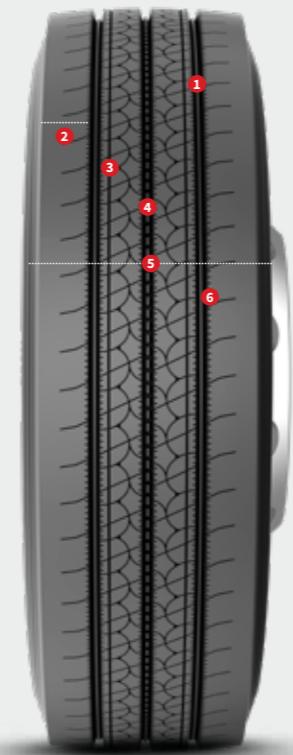
RMR61 FEATURES, ADVANTAGES & BENEFITS



215/75R17.5

TYRE SIZE	PLY RATING/ LOAD RANGE	MEAS. RIM (IN)	ACTUAL OVERALL DIA (MM)	ACTUAL OVERALL WIDTH (MM)	TREAD DEPTH (MM)	MAX TYRE LOAD SINGLE (KG@PSI)	MAX TYRE LOAD DUAL (KG@PSI)	MAX. SPEED (KMPH)
215/75R17.5	16H	6.00	767.0	209.0	11.4	1800KG@110PSI	1700KG@110PSI	130

NUMBER	FEATURE	ADVANTAGE	BENEFITS
①	Straight groove design	Improving water drainage and reducing hydroplaning. More stability during straight drive	Better handling
②	Wider Shoulder Rib	Optimized side turning forces and resist tearing	Improved Tread and Casing Life
③	Trendy and unique sipes design	Enhance tyre performance by promoting better flexing and improve adaptability to road surface	Smoothen ride. Enhanced braking power.
④	Stone Ejectors	Self Cleaning. Ease Stone Ejection. Less Downtime	Improved Tread and Casing Life
⑤	Wider tread surface	Even pressure distribution Excellent Handling	Higher mileage. Even wear. Better Driving Control. Driving Comfort.
⑥	Stress Relief Sipe	Absorbs impact from the road's surface. Gives your tires micro-flexibility.	Smoothen ride. Enhanced braking power.



*Technology towards
a better tomorrow.
For you and our world.*



Nitrogen Curing vs Hot Water Curing

We employ Nitrogen curing in our works. Nitrogen curing improves tyre performance through consistent curing, enhancing durability and consistency. Environmentally, it conserves water, reduces energy consumption, reduces greenhouse gas emissions and eliminates wastewater, making it a sustainable option that boosts tyre quality while minimizing ecological footprint in manufacturing.



CCT

Our proprietary Cool Compound Technology (CCT) helps to bring you low-rolling resistance that enables higher fuel economy, saving you liters of fuel and reducing your overall cost of operation, without compromising performance or durability.



Our efforts towards sustainability

We are in constant effort to develop processes and products that contribute to a cleaner future.



Retreadability

Choose sustainability with our retread warranty and extract the maximum our tyres have to offer. Our advanced eco-friendly retreading solution gives your tyres new mileage with up to two retreads till

a period of 3 years from the date of

purchase. This not only saves you money but helps save the environment too. By reusing and recycling the tyre casing, you save energy, resources, and even help reduce the number of tyre carcasses in landfills.



Every step counts towards a greener future

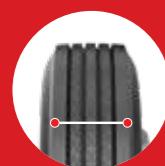
As a commitment to the environment, we have developed tyres with low-rolling resistance, which increases fuel economy and consequently reduces the tyres' carbon footprint.

Thousands of tree saplings were planted in and around the premises of our plant, fostering new green life in the area.

Additionally, rainwater is constantly harvested, making the most out of the Indian monsoon and thereby reducing the overall water consumption.



4-belt construction
creates a sturdy casing
for retreading.



Evenly distributed
pressure enhances
performance and
removal mileage.

**BORN RUGGED,
YET DELIVERS
A SMOOTH RIDE.**



**MINIMISED
DOWNTIME,
MAXIMISED
ROAD TIME.**



**WE'VE BUILT A HOME
FOR OURSELVES
ALL OVER THE WORLD**

Our truck tyres have consistently excelled in diverse climates and driving conditions, backed by a global marketing network spanning 50 countries across 6



UNITED STATES • MEXICO • CANADA • LATIN AMERICA

• EUROPE • AFRICA • MIDDLE EAST • SOUTH ASIA • AUSTRALIA



RALSON
TYRES TREAD NEW PATHS

RALSON RUBBER PRIVATE LIMITED
Office No. 812-816, 8th Floor, Narain Manzil,
23-Barakhamba Road, New Delhi-110001
Tel: +91-9356923450
Email: ho@ralson.com & info@ralson.com

WORKS ADDRESS:

Plot No.: 52 to 60,
Smart Industrial Park,
Near Natrip Pithampur, 454774,
Madhya Pradesh, India