



 **BRIDGESTONE**

**JAPAN QUALITY SPORTS BICYCLE
MADE WITH DEDICATION,
USING EXTENSIVE RIDER DATA,
WITH OVER 50 YEARS OF EXPERIENCE.**



BRIDGESTONE MAKES BICYCLES FOR PEOPLE

Bridgestone is a bicycle company. A brand building bicycles since 1949 and representing the Japanese bicycle industry. Our philosophy is to make bicycles for people. Not just beautiful masterpieces, but perfect tools for people. Tools which bring happiness to all the people who ride them. Proud to make tools to win, to laugh, and to make human lives brighter.

RM9 FRAME

FRAME & FORK

RACE HIGH MODULUS CARBON



Photo spec / Frame size: 490mm (approx) / All parts shown above are photo samples

CUSTOM ORDER CARBON ROAD FRAME PROVIDES IDEAL FIT AND PERFORMANCE FOR EACH RIDERS' BODY

The RM9 is a custom order carbon road bike. Using Bridgestone's proven theory based on extensively researched structural analysis, every frame is made based on each rider's body measurements. Not only the geometry, but also the stiffness of the frame can be chosen from 7 different levels. Based on stress calculations in our lab, every frame will be made to best convert all the rider's force into momentum at the highest level. Providing the best possible fit that a rider could ever get with a carbon road bike frame, to aim for victory.

COLOR



Red

Lime

Black



Sky

Silver

SPEC

Model	RM9 Frame
Size / Stiffness	Custom Order
Color	Red, Lime, Black, Sky, Silver
Frame	HM carbon
F/fork	HM carbon monocoque pro
Headset	TANGE IS47LT direct in type, 1-1/8 top, 1-1/4 bottom
Weight	Frame only 1.1kg (490mm) / Frame set 1.55kg (490mm)

GEOMETRIES

Custom Order



EXPERIENCE AND KNOWLEDGE FROM THE LAST HALF CENTURY

Bridgestone is making products with total dedication. Researching and collecting precious data on frame stress and converting the input of riders into numerical form, realizing ideal geometries which will fit and comfort Asian bodies. With 50 years of experience and knowledge of bicycle building, Bridgestone offers reliability. Trust in the bikes we make.

RIS9 TECHNOLOGY

EVERY SINGLE DETAIL DESIGNED FOR WINNING PERFORMANCE



Divides the functional roles of the frame in upper and lower halves

The RIS9 was created to support riders who race all over the world. It is designed to maximize climbing performance. The bike responds well to torque when the rider is in a seated position and rocks easily when standing, transferring all the power to momentum. The very stiff lower half of the frame and the light upper half produce this effect. The lower half of the frame is very stiff. Its construction consists of three sections: the downtube, the bottom bracket, and the seat tube. Each cross section is set to achieve the perfect balance of torsional and lateral stiffness.

The former works for acceleration and rocking while the latter holds the rider's input and reduces fatigue on the legs. The arch construction of the lower half not only maintains the appropriate stiffness but helps keep the whole center of gravity low while the upper half, the part of the construction running from toptube to seatstays, shaves weight off and releases the stress applied from the bottom bracket. This frame is designed to reduce vibration and rocks quickly.

An exclusive role for each wheel

The headtube area is stiff and the front forks thin and straight so that the bike can corner well and steadily to take any desirable line. The mixture of the cornering performance of the front wheel and the acceleration of the rear wheel allows you to ride faster on flat and downhill sections.

A light HM carbon is used here to give each area the specific required elasticity and to control the layers carefully. The whole process optimizes performance while limiting weight to 940g (460mm size). The resulting responsive light frame contributes to momentum on ascents.

Combining stiffness with the new construction gives the new RIS9. The result is exhibits better responsiveness and gives a frame that allows pedaling with reduced leg fatigue, merging great vibration absorbing and high precision handling. The ride of this frame has been taken to a new level and will satisfy pros ready for the podium, as well as all other levels of riders.

RIS9 FRAME

FRAME & FORK

RACE 3 PIECES HIGH MODULUS CARBON



Photo spec / Frame size: 490mm / All parts shown above are photo samples

A CARBON ROAD BIKE WITH THE OPTIMAL BALANCE OF WEIGHT AND STIFFNESS FOR WINNING

The RIS9 supports pro level riding. The design of the frame is separated into two specific areas with different requirements for stiffness by using advanced technologies, including a tapered headtube and a wide hanger shell. It is stable through downhill corners and responsive while pedaling, while frame weighing in at a light 940g (460mm), which contributes to easy and rapid ascents. Shimano Di2 components compatible for the superb performance that serious racers need.

COLOR



White

Blue

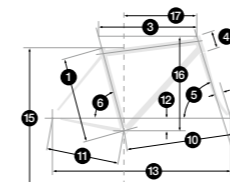
Silver

SPEC

Model	RIS9 Frame
Size	430 / 460 / 490 / 520 / 550
Color	White, Blue, Silver
Frame	3 pieces HM carbon
F/fork	HM carbon Monocoque
Headset	TANGE IS47LT direct in type, 1-1/8 top, 1-1/4 bottom
Weight	Frame only 0.94kg (460mm) / Frame set 1.4kg (460mm)

GEOMETRIES

1	3	4	5	6	8	10	11	12	13	15	16	17
430	505	100	71°00'	75°00'	50	576	405	68	971	679	497	372
460	520	110	72°00'	74°30'	50	579	405	68	974	705	510	379
490	535	120	72°30'	74°15'	48	585	405	70	980	729	524	387
520	550	140	73°00'	73°45'	45	588	410	70	987	757	546	391
550	565	160	73°00'	73°00'	45	595	410	70	995	783	565	392



- ① Frame size (center-top) ③ Top tube length (assuming horizontal)
- ④ Head tube length ⑤ Head angle ⑥ Seat angle ⑧ Fork offset
- ⑩ Front center ⑪ Rear center ⑫ BB drop ⑬ Wheel base
- ⑮ Standover height ⑯ Stack ⑰ Reach

FRAME SIZE

Sloping frame size	Top tube length (mm)	According height (cm)	Inside leg measurement (cm)																											
			61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86		
430	505	150-160																												
460	520	158-170																												
490	535	165-176																												
520	550	172-183																												
550	565	179-188																												

RS8 TECHNOLOGY

A NIMBLE AND QUICK FEEL FOR RACERS AT EVERY LEVEL



A pure racing model that inherits the DNA of the RIS9

The RS8 is a high performance race model that inherits the RIS9's design philosophy. It holds power loss to a minimum, accelerates quickly and perfectly realizes the ideal of a carbon road bike. This bike offers the great performance of the RIS9 at a very reasonable price because of the careful choice of materials for this racing carbon model, supported by a model-specific design.

The frame shape for perfect racing performance

The development process of the RS8 started with the selection of the frame materials. On this model, the middle layer is comprised of a fiber never used previously. The material used in this new process increases strength and stiffness due to its match with the carbon used elsewhere. Each tube on the front triangle is made stiffer by having a larger cross section both vertically and horizontally. The downtube is uniquely shaped to wrap the BB shell. Featuring almost

the same shape as the RIS9, the seatstays are supple and absorb vibrations while retaining stiffness. This all results in making the whole frame nearly as stiff in acceleration as the RIS9, with good response and a nimble ride feel, while the top tube focuses on comfort (using the same shape as the RL8), making the RS8 excellent for long rides with the supple ride feel that only carbon can offer.

The perfect spec that racers can use without concern

The frame weighs in at 1170g (490mm size). The bike features practical and durable components but does not focus much on weight, so it allows riding at levels from intensive practice to race situations. It is compatible with the electronic shifting components currently popular among racers. It features an external cable routing for mechanical shifting in order to lessen friction in pulling cables. The RS8 offers a great value with a similar silhouette and performance to the RIS9's. Those who race seriously would appreciate its nimble ride performance.

RS8 ELITE

COMPLETE BIKE
FRAME & FORK

RACE 3 PIECES CARBON ULTEGRA



Photo spec / Frame size: 490mm / Some parts shown above are photo samples

AN AFFORDABLE HIGH PERFORMANCE CARBON ROAD RACE BIKE FOR SERIOUS RACERS

The RS8 ELITE makes use of the basic design of the RIS9 to deliver a great combination of price and performance for racers. The frame design and the carbon construction are optimized for performance, as with the RIS9, and for comfort and durability by adopting advanced technologies such as a tapered headtube and a pressfit BB. The internally routed wiring is compatible with electronic shifting, and is easy to use with specific fittings. It's equipped with Shimano Ultegra components for optimal race performance.

COLOR

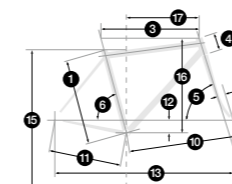


SPEC

Model	RS8 Elite
Group	Shimano Ultegra
Size	460 / 490 / 520 / 550
Color	White, Black, Red, Sky, Yellow
Frame	3 pieces Carbon
F/fork	Carbon monocoque
Headset	VP-A66ACK direct in type, 1-1/8 top, 1-1/4 bottom
Shifter	Shimano ST-6800
Crank	Shimano FC-6800 50-34T
F/Derailleur	Shimano FD 6800-F 11S
R/Derailleur	Shimano RD 6800-SS 11S
Handle	Deda RHM01
Stem	Deda Zero01
Seatpost	Deda RSX01 φ31.6 x 350L
Saddle	Sella Italia X1
Brake	Shimano BR6800
Wheel	Shimano WH-RS21
Tire	Bridgestone RR-2X
Chain	Shimano CN-HG700-11
Cassette	Shimano CS-6800 11S 12-25T
Pedal	Without
Weight	7.7kg (without pedals) / Frame only 1.17kg (490mm)

GEOMETRIES

1	3	4	5	6	8	10	11	12	13	15	16	17
460	520	110	72°00'	74°30'	50	579	405	68	974	705	510	379
490	535	120	72°30'	74°15'	48	585	405	70	980	729	524	387
520	550	140	73°00'	73°45'	45	588	410	70	987	755	546	391
550	565	160	73°00'	73°00'	45	595	410	70	995	781	565	392



- 1 Frame size (center-top) 3 Top tube length (assuming horizontal)
- 4 Head tube length 5 Head angle 6 Seat angle 8 Fork offset
- 10 Front center 11 Rear center 12 BB drop 15 Wheel base
- 19 Standover height 16 Stack 17 Reach

FRAME SIZE

Sloping frame size	Top tube length (mm)	According height (cm)	Inside leg measurement (cm)																									
			61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86
460	520	158-170																										
490	535	165-176																										
520	550	172-183																										
550	565	179-188																										

RS8 EQUIPE

COMPLETE BIKE
FRAME & FORK

RACE 3 PIECES CARBON 105



Photo spec / Frame size: 490mm / Some parts shown above are photo samples

RACING BIKE THAT HAS A GREAT BALANCE OF PERFORMANCE AND VALUE WITH SHIMANO 105

The RS8 EQUIPE is best for those who want to race and challenge themselves. The carbon frame features the cutting edge technologies such as a tapered headtube and a pressfit BB. Thanks to its construction, it can accelerate quickly and also has a good balance of comfort and durability. This product is a great value due to its use of Shimano 105 components. The internally routed wiring is compatible with electronic shifting for possible future upgrades.

COLOR



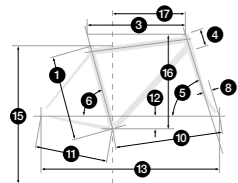
White Black Red Sky Yellow

SPEC

Model	RS8 Equipe
Group	Shimano 105
Size	460 / 490 / 520 / 550
Color	White, Black, Red, Sky, Yellow
Frame	3 pieces HM carbon
F/fork	Carbon monocoque
Headset	VP-A66ACK direct in type, 1-1/8 top, 1-1/4 bottom
Shifter	Shimano ST-5800
Crank	Shimano FC-5800 50 x 34T
F/Derailleur	Shimano FD-5800-F 11S
R/Derailleur	Shimano RD-5800-SS 11S
Handle	Nitto (Aluminium)
Stem	Original (Aluminium)
Seatpost	Original ϕ 31.6 x 300L (Aluminium)
Saddle	Sella Italia X1
Brake	Shimano BR-5800
Wheel	Shimano WH-RS010
Tire	Bridgestone RR-2X
Chain	Shimano CN-HG600-11
Cassette	Shimano CS-5800 12-25T
Pedal	Without
Weight	8.2kg (without pedals) / Frame only 1.17kg (490mm)

GEOMETRIES

1	3	4	5	6	8	10	11	12	13	15	16	17
460	520	110	72°00'	74°30'	50	579	405	68	974	705	510	379
490	535	120	72°30'	74°15'	48	585	405	70	980	729	524	387
520	550	140	73°00'	73°45'	45	588	410	70	987	755	546	391
550	565	160	73°00'	73°00'	45	595	410	70	995	781	565	392



- 1 Frame size (center-top)
- 3 Top tube length (assuming horizontal)
- 4 Head tube length
- 5 Head angle
- 6 Seat angle
- 8 Fork offset
- 10 Front center
- 11 Rear center
- 12 BB drop
- 13 Wheel base
- 15 Standover height
- 16 Stack
- 17 Reach

FRAME SIZE

Sloping frame size	Top tube length (mm)	According height (cm)	Inside leg measurement (cm)																										
			61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	
460	520	158-170																											
490	535	165-176																											
520	550	172-183																											
550	565	179-188																											

RL8 TECHNOLOGY

A ROAD BIKE THAT INSPIRES YOU TO RIDE FURTHER



Luxurious form and ride performance

A one-word description of the RL8 would be "luxury". It allows you to experience the joy of a non-racing bike and comfort with a relaxed position on long rides. The design goal for this bike was suppleness. It follows the RIS9's design philosophy to pursue a power transmitting efficiency that allows brisk pedaling and gives the nimble feel of a professional quality road bike by optimizing stiffness in the lower half of the frame. But what makes the RL8 stand out is that it reduces counterforce when you pedal and thus fatigue on the rider's legs. We reduced the lateral stiffness of the BB area to 20% less than that of the RIS9 to offer that effect. Its suppleness creates a rhythm when pedaling, giving a ride feel where the whole frame responds to the rider's pedaling rhythm.

Comfort from the perfect balance of stiffness and suppleness

The very stiff frame and front end of the RL8 also contribute to its comfortable feel. The massive front end offers effective pedaling with little power loss and an enjoyable cornering performance while



DOWNTUBE

This section is almost pentagonal near the headtube and turns into a square form toward the BB. The slightly concave downtube is hard to recognize but is designed to increase comfort. The port for the shift wire is positioned upward for smoother shifting action.

the supple BB area lets you swing the bike easily and pedal rhythmically with great acceleration and ease of side-to-side movement, especially when pedaling in a standing position. Also, the specific shape of every tube is carefully calculated. The flat toptube and the seatstays work like a leaf spring to absorb vibrations from a road and the sleek downtube offers stiffness and the right amount of comfort at the same time. Also the slightly arched shape of the toptube reduces impact and increases comfort. Each detail reduces the vibrations that impact the rider by pursuing the right shape. The carbon layering technology used is based on detailed stress computations but does not sacrifice performance in power transmission. The comfortable ride feel also comes from the frame weight. The weight of this frame is kept low for maximum practicality. It only weighs at 980g (480mm size) featuring a threaded hanger shell that holds a BB well and a durable alloy rear end. It is light enough for a hill climb race.

Beautiful form from optimal function

The whole form of the RL8 reflects the spirit of the pursuit of ideal comfort. Each part emphasizes the line of the whole silhouette and both the shifting and brake wires are internally routed. The whole design is the result of pursuing the perfect shape for functional comfort. The results can be seen from the fact that the RL8 received an award at the Good Design Awards in 2013. The elegant form and the comfortable ride feel make you want to ride further. The RL8 literally represents "luxury" and gives a rider an advantage in endurance and road race as well as on long rides and hill climbs.



HEADTUBE & FORKS

The tapered headtube with a 1-1/4" bottom bearing keeps the front end very stiff for precision handling and acceleration. This bike features straight forks with wide and flat blades for vibration absorbing and quick handling.



BB SHELL & CHAINSTAYS

The thin and flat mono stay is arch shaped to connect with the seat tube. The uniquely shaped seat stay optimizes the vibration absorbing property. The chainstays get flatter sideways toward the rear wheel and have a square shape on the BB side for road-holding, comfort and pedaling efficiency.

RL8 ELITE

COMPLETE BIKE
FRAME & FORK

LONG RIDE 3 PIECES CARBON ULTEGRA

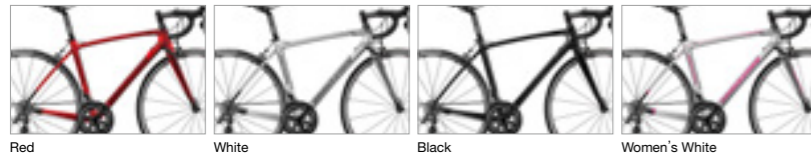


Photo spec / Frame size: 480mm / Some parts shown above are photo samples

A HIGH QUALITY CARBON ROAD BIKE WITH SHIMANO ULTEGRA FOR A LUXURIOUS RIDE

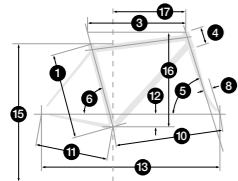
The RL8 ELITE increases the ride quality for advanced riders. The frame is designed to achieve the concept of a luxurious ride. The upper half of the frame is very supple and the seatstays absorb vibrations from the road while the headtube and the BB area are designed to be stiff. From long rides to hill climbs, this bike offers a luxurious ride feel that is nimble and fun to control.

COLOR



GEOMETRIES

1	3	4	5	6	8	10	11	12	13	15	16	17
390	490	100	70°30'	75°45'	55	578	415	65	984	649	491	365
420	505	110	71°00'	75°15'	50	575	405	65	971	672	504	372
450	520	120	72°00'	74°45'	50	582	405	65	978	700	517	379
480	535	130	72°30'	74°15'	48	585	408	68	983	724	532	385
510	550	150	73°00'	73°45'	45	589	408	68	986	753	553	389
540	565	170	73°00'	73°00'	45	595	410	68	996	779	572	390



- 1 Frame size (center-top)
- 3 Top tube length (assuming horizontal)
- 4 Head tube length
- 5 Head angle
- 6 Seat angle
- 8 Fork offset
- 10 Front center
- 11 Rear center
- 12 BB drop
- 13 Wheel base
- 15 Standover height
- 16 Stack
- 17 Reach

FRAME SIZE

Sloping frame size	Top tube length (mm)	According height (cm)	Inside leg measurement (cm)																									
			61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86
390	490	145-156																										
420	505	149-160																										
450	520	156-169																										
480	535	162-176																										
510	550	169-182																										
540	565	176-187																										

RL8 EQUIPE

COMPLETE BIKE
FRAME & FORK

LONG RIDE 3 PIECES CARBON 105

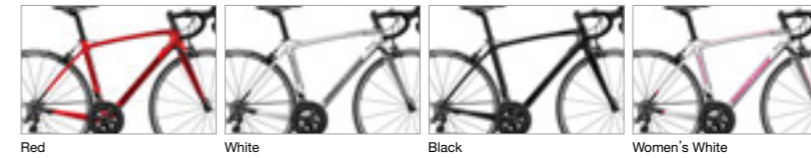


Photo spec / Frame size: 480mm / Some parts shown above are photo samples

A CARBON ROAD BIKE WITH GREAT VALUE AND LONG RIDE PERFORMANCE

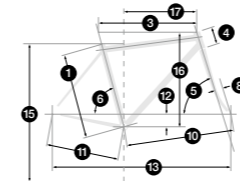
The RL8 EQUIPE shares the same frame as the higher end models and features excellent value Shimano 105 components. It's comfortable on longer distance rides yet accelerates quickly when beginning to climb. It features internally routed wiring and is available in a 390mm size for smaller riders so they can enjoy its smooth ride. The advanced technologies on this bike make you feel confident.

COLOR



GEOMETRIES

1	3	4	5	6	8	10	11	12	13	15	16	17
390	490	100	70°30'	75°45'	55	578	415	65	984	649	491	365
420	505	110	71°00'	75°15'	50	575	405	65	971	672	504	372
450	520	120	72°00'	74°45'	50	582	405	65	978	700	517	379
480	535	130	72°30'	74°15'	48	585	408	68	983	724	532	385
510	550	150	73°00'	73°45'	45	589	408	68	986	753	553	389
540	565	170	73°00'	73°00'	45	595	410	68	996	779	572	390



- 1 Frame size (center-top)
- 3 Top tube length (assuming horizontal)
- 4 Head tube length
- 5 Head angle
- 6 Seat angle
- 8 Fork offset
- 10 Front center
- 11 Rear center
- 12 BB drop
- 13 Wheel base
- 15 Standover height
- 16 Stack
- 17 Reach

FRAME SIZE

Sloping frame size	Top tube length (mm)	According height (cm)	Inside leg measurement (cm)																									
			61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86
390	490	145-156																										
420	505	149-160																										
450	520	156-169																										
480	535	162-176																										
510	550	169-182																										
540	565	176-187																										

RFA5 EQUIPE

COMPLETE BIKE

LONG RIDE ALUMINIUM 105

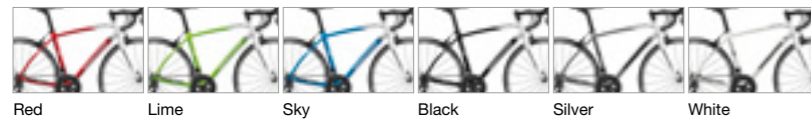


Photo spec / Frame size: 480mm / Some parts shown above are photo samples

AN Aluminium ALLOY ROAD BIKE THAT OFFERS TRUE COMFORT

The RFA5 EQUIPE is an alloy road bike for those who like long rides. The outer diameters of the tubes vary, which helps in absorbing vibration and reduces physical fatigue on rough roads. The stiffness around the BB area is about 20% less than that of the serious racing model, giving good acceleration and reducing leg fatigue. The longer headtube results in an upright riding position for extra comfort. Riders can enjoy the performance of the alloy optimized for long rides.

COLOR



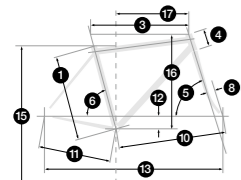
Red Lime Sky Black Silver White

SPEC

Model	RFA5 Equipe
Group	Shimano 105
Size	390 / 420 / 450 / 480 / 510 / 540
Color	Red, Lime, Sky, Black, Silver, White
Frame	ST-SHAPE Aluminium A6061
F/fork	Carbon Monocoque
Headset	VP-A66ACK direct in type, 1-1/8 top, 1-1/4 bottom
Shifter	Shimano ST-5800
Crank	Shimano FC-5800 50 x 34T
F/Derailleur	Shimano FD-5800-F 11S
R/Derailleur	Shimano RD-5800-SS 11S
Handle	Nitto (Aluminium)
Stem	Original (Aluminium)
Seatpost	Original φ31.6 x 300L (Aluminium)
Saddle	Sella Italia X1
Brake	Shimano BR-5800
Wheel	Shimano WH-RS010
Tire	Bridgestone RR-2X
Chain	Shimano CN-HG600-11
Cassette	Shimano CS-5800 12-25T
Pedal	Without
Weight	8.7kg (without pedals)

GEOMETRIES

1	3	4	5	6	8	10	11	12	13	15	16	17
390	485	110	70°30'	75°30'	55	572	410	65	973	647	500	356
420	500	120	71°00'	75°00'	55	579	410	65	980	675	511	363
450	515	130	71°30'	74°30'	50	580	410	65	981	702	524	370
480	530	140	72°00'	74°00'	50	585	410	68	985	726	539	376
510	545	160	72°30'	73°30'	45	585	410	68	986	755	561	379
540	560	180	73°00'	73°00'	45	590	410	68	991	783	582	382



- 1 Frame size (center-top)
- 3 Top tube length (assuming horizontal)
- 4 Head tube length
- 5 Head angle
- 6 Seat angle
- 8 Fork offset
- 10 Front center
- 11 Rear center
- 12 BB drop
- 13 Wheel base
- 15 Standover height
- 16 Stack
- 17 Reach

FRAME SIZE

Sloping frame size	Top tube length (mm)	According height (cm)	Inside leg measurement (cm)																									
			61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86
390	485	145-154																										
420	500	149-160																										
450	515	156-167																										
480	530	163-174																										
510	545	169-178																										
540	560	176-187																										

RFA3 EX

COMPLETE BIKE

LONG RIDE ALUMINIUM SORA



Photo spec / Frame size: 490mm / Some parts shown above are photo samples

AN ENTRY-LEVEL ROAD BIKE THAT GIVES CONFIDENCE FOR ENJOYABLE ROAD CYCLING

The RFA3 EX is an ideal bike for those new to long rides on a road bike. It makes the rider feel comfortable with the carbon forks reducing the vibration passed from the road to the rider's body while keeping the agility of an alloy frame in order to offer great performance with comfort and control for beginners. It is full of useful and confidence-making features such as Shimano Sora components for easy shifting.

COLOR



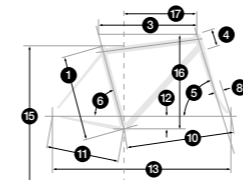
Black Gray White

SPEC

Model	RFA3EX
Group	Shimano Sora
Size	390 / 440 / 490 / 540
Color	Black, Gray, White
Frame	ST-SHAPE Aluminium
F/fork	Carbon Monocoque
Headset	VP-A77CES slim stack adapter type with conical spacer
Shifter	Shimano ST-3500
Crank	Sugino XD2D 50 x 34T
F/Derailleur	Shimano FD-3500-F 9S
R/Derailleur	Shimano RD-3500-SS 9S
Handle	Nitto (Aluminium)
Stem	Original (Aluminium)
Seatpost	Original φ27.2 x 330L (Aluminium)
Saddle	Velo VL-4148
Brake	Shimano BR-3500
Wheel	Jalco DRX3000+Shimano HB/FH3500
Tire	Bridgestone RR-2X
Chain	Shimano CN-HG53
Cassette	Shimano CS-HG50 12-27T
Pedal	Without
Weight	10.4kg (without pedals)

GEOMETRIES

1	3	4	5	6	8	10	11	12	13	15	16	17
390	495	120	71°00'	75°30'	55	587	420	70	1007	652	516	361
440	515	130	72°00'	75°00'	50	594	420	70	1014	678	531	373
490	535	150	72°00'	74°00'	50	598	420	70	1018	730	550	377
540	555	170	73°00'	73°00'	45	604	420	70	1024	777	575	379



- 1 Frame size (center-top)
- 3 Top tube length (assuming horizontal)
- 4 Head tube length
- 5 Head angle
- 6 Seat angle
- 8 Fork offset
- 10 Front center
- 11 Rear center
- 12 BB drop
- 13 Wheel base
- 15 Standover height
- 16 Stack
- 17 Reach

FRAME SIZE

Sloping frame size	Top tube length (mm)	According height (cm)	Inside leg measurement (cm)																									
			61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86
390	495	146-157																										
440	515	155-168																										
490	535	165-179																										
540	555	176-190																										

NEO-COT

PERFECTED STEEL FRAME TO THE PEAK OF WORLD QUALITY



Naked NEO-COT

The biggest feature of a NEO-COT frame is that it is recognizable even when the paint is completely stripped.

It uses a kind of steel called chromoly. Typical steel bikes use a joint called a lug to connect tubes but NEO-COT bikes are lugless; instead, they use tubes with both ends widened then minimally heat-treated for welding. A close look at a NEO-COT frame shows that there are no round tubes, which is what NEO-COT is about.

The NEO-COT concept was born in 1992. The development team at that time was pursuing the perfect balance of weight, strength and stiffness. They carefully researched how stress was applied to a frame in pedaling and finally came to the conclusion that frame tubes don't have to be round.

The common knowledge at that time was that a tube had to be round for stress and weight optimization, but for the team this was an obstacle to be overcome. They started looking at the problem from a different angle. Would it be possible to design a whole frame

with the ideal shapes? The result of this process was bulge forming, a forming process which fills a steel pipe with oil and pressurizes it to put it into the desired form. It was used for another purpose then, but the design team found that they could use it to form pipes which connect to each other without need for lugs. In addition, a tube forming technology called the spinning butted process rolls out tubes to the ideal thickness without needing any scraping inside the tube.

This is how the unique shape of NEO-COT was born. It's light, ideally stiff and supple, and has the ideal shape for a chromoly frame. We removed the bridge frequently used to connect the chainstays because the NEO-COT shape is strong enough without them. The NEO-COT was born in Japan and is still produced at a factory in Ageo, Japan in the present day, so NEO-COT is truly "made in Japan."

Bridgestone has pursued an ideal and improved chromoly steel frame to the world's highest standard. When the frame is stripped of paint, you can still tell it is NEO-COT at a glance because it's the perfect shape for a chromoly steel frame, created by the passion that kept pursuing the ultimate frame form.

RN7 EQUIPE

COMPLETE BIKE
FRAME & FORK

LONG RIDE NEO-COT PRO 105



Photo spec / Frame size: 530mm / Some parts shown above are photo samples

ENJOY RHYTHM AND FEEL OF THE PINNACLE CHROMOLY STEEL NEO-COT FRAME

The RN7 EQUIPE uses NEO-COT technology to utilize the ideal characteristics of chromoly steel material such as stress, strength, weight and vibration damping, in a way optimized by the spinning butted process and bulge forming. The frame is welded with uniquely shaped tubes without using lugs, to achieve a very stiff yet supple ride feel. The front forks are available in traditional chromoly. It has a variety of frame sizes in 10mm increments to offer the great fit like a custom made frame.

COLOR

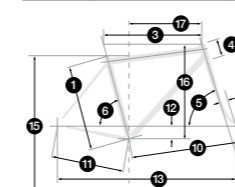


SPEC

Model	RN7 Equipe
Group	Shimano 105
Size	490 / 510 / 520 / 530 / 540 / 550 / 570 / 590
Color	Red, Black, Lime, Blue, Silver
Frame	NeoCot Chromoly Steel
F/fork	Chromoly Steel
Headset	TANGE RDC ahead Italian size
Shifter	Shimano ST-5800
Crank	Shimano FC-5800 50 x 34T
F/Derailleur	Shimano FD-5800-F 11S
R/Derailleur	Shimano RD-5800-SS 11S
Handle	Nitto (Aluminium)
Stem	Original (Aluminium)
Seatpost	Original φ27.2 x 300L (Aluminium)
Saddle	Sella Italia X1
Brake	Shimano BR-5800
Wheel	Shimano WH-RS010
Tire	Bridgestone RR-2X
Chain	Shimano CN-HG600-11
Cassette	Shimano CS-5800 12-25T
Pedal	Without
Weight	9.4kg (without pedals) / Frame only 1.67kg (530mm)

GEOMETRIES

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
490	516	83	72°00'	74°45'	50	577	405	65	973	735	486	383				
510	524	94	72°00'	74°30'	50	583	405	65	979	751	496	386				
520	529	99	72°00'	74°30'	50	587	405	70	982	756	506	389				
530	534	106	72°30'	74°15'	48	584	405	70	979	765	515	389				
540	539	115	72°30'	74°15'	48	589	405	70	984	774	523	391				
550	550	122	73°00'	74°00'	45	590	410	70	990	783	533	397				
570	565	138	73°30'	73°45'	45	598	410	70	998	801	551	404				
590	575	157	73°30'	73°30'	45	605	410	70	1005	819	570	406				



- 1 Frame size (center-top) 3 Top tube length (assuming horizontal)
- 4 Head tube length 5 Head angle 6 Seat angle 7 Fork offset
- 8 Front center 9 Rear center 10 BB drop 11 Wheel base
- 12 Standover height 13 Stack 14 Reach

FRAME SIZE

Sloping frame size	Top tube length (mm)	According height (cm)	Inside leg measurement (cm)																									
			61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86
490	516	159-164																										
510	524	162-169																										
520	529	164-173																										
530	534	167-176																										
540	539	171-178																										
550	550	173-180																										
570	565	178-185																										
590	575	182-189																										

XR9 TECHNOLOGY

RELIABLE CONTROL AND EFFICIENT RIDE TO THE PODIUM



Properly placed center of gravity for better bike control

The XC racing scene is evolving quickly and the courses have become more technical than ever. The era when a rider could save time by powering up a climb is over. The current world standard requires a skill set capable of dealing with the roughest trail and even some jumps. The XR9 was born to handle the new generation of XC races that get more technical every year. Its characteristic feature is easy control. On a MTB, it is best to descend in a standing position on the pedals, and often to be in a position with a low center of gravity for easy control of both wheels. It's necessary to balance both wheels with the rider's body at the center and separate the body from the bike to ride fast and stably on rough sections.

The thru axle allows the bike to trace lines accurately

Both wheels feature stiff thru axles contributing to the XR9's performance. These thick and strong axles allow the frame to keep the wheels from twisting and use "U" shaped loop stays that let the rear



DOWNTUBE

The square downtube is boxed to connect with the bottom of the headtube and the toptube for better stiffness on the front end. The shift wires are routed internally to avoid mud and are attached at the angle that is calculated to have the minimum drag for shifting.

triangle absorb vibration and give the wheels better grip on the road or trail. They convert your pedaling input to momentum without any loss and offer excellent torque on rough trail surfaces. The front thru axle also keeps the front suspension from twisting to optimize smoother action of the forks. By making both wheels stable, the frame becomes a construction that flexibly connects both wheels and offers a line tracing ability that lets the rear wheel naturally follow the front wheel's line.

High cruising speed and great acceleration from pedaling

With light HM carbon and its racy geometry, the bike responds and accelerates well under hard pedaling. The bike responds to the rider's input and accelerates quickly with pedaling on fast sections and climbs well without losing speed when it hits an uphill right after a descent. The loop stays, the supple material and the design that optimizes the road-holding performance allow you to ride faster and save your energy for the last half of a race. The XR9's design philosophy is aimed for efficiency, to avoid any waste in speed or effort coming from material, shape or geometry.

650B wheels for control and speed

The bike features a 650B wheelset that rolls fast and handles well. The 650B is now the world standard and will have a familiar feel to riders used to 26" wheels, which means this is the wheel size to choose for riders from Asia, who are often shorter. With accurate control and essential performance in all aspects, The XR9 is the cutting-edge XC racing bike for Asian riders.



HEADTUBE & FORKS

The 1-1/8"-1.5" tapered headtube is designed to be shorter than traditional ones and used with 650B wheels to give almost the same handlebar height as standard with 26" wheels. The suspension forks have the standard 100mm travel for XC racing.



REAR TRIANGLE WITH LOOP STAYS

The rear end with the latest standard 142 x 12mm thru axle keeps the rear wheel torsion stiff and helps absorb vibrations with the loop stays for a smooth ride feel and line tracing.

XR9 ELITE

COMPLETE BIKE
FRAME & HEADSET

RACE 3 PIECES HIGH MODULUS CARBON XT



Photo spec / Frame size : 420mm / Some parts shown above are photo samples

FAST XC RACING MOUNTAIN BIKE WITH NIMBLE AND PLAYFUL GEOMETRY

The XR9 ELITE is a XC racing model with a 650B (27.5") wheelset that is nimble yet stable. It shares the same frame as the advanced model and features Shimano XT components that have great basic function and durability for the best balance of performance and value. The bike is both light and has a low center of gravity, giving great acceleration while the rear triangle flexes like a spring to push you forward on ascents. Each wheel has its own role, leading to excellent high-speed handling and turning through tight corners.

COLOR



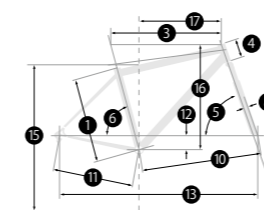
White



Gray

GEOMETRIES

Suspension	1	3	4	5	6	8	10	11	12	13	15	16	17
Assuming 100mm travel 478mm length	420	560	95	71°00'	73°30'	42	618	435	45	1049	711	573	390
	480	585	95	71°00'	73°00'	42	638	435	45	1069	803	573	410



- 1 Frame size (center-top) 2 Top tube length (assuming horizontal)
- 3 Head tube length 4 Head angle 5 Seat angle 6 Fork offset
- 7 Front center 8 Rear center 9 BB drop 10 Wheel base
- 11 Standover height 12 Stack 13 Reach

FRAME SIZE

Sloping frame size	Top tube length (mm)	According height (cm)	Inside leg measurement (cm)																										
420	560	155-172	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	
480	585	169-184																											

SPEC

Model	XR9 Elite
Group	Shimano XT
Size	420 / 480
Color	White, Gray
Frame	HM Carbon
F/fork	Rock Shox Recon Gold / 100mm
Headset	TANGE IS245L direct in type
Shifter	Shimano XT SL-M780
Crank	Shimano XT FC-M782
F/Derailleur	Shimano XT FD-M781-A-B
R/Derailleur	Shimano XT RD-M786 SGS
Handle	Aluminium φ31.8 680W Riser 15mm
Stem	Original (Aluminium)
Seatpost	Original φ31.6 x 300L (Aluminium)
Saddle	Sella Italia X1
Brake	Shimano XT BR-M785, BL-M785, SM-RT68
Wheel	Mavic XM419, Shimano XT HB-M788
Tire	Bridgestone 27.5" (650B) x 2.1
Chain	Shimano CN-HG75
Cassette	Shimano CS-HG81 11-36T
Pedal	Without
Weight	11.3kg (without pedals) / Frame only 1.3kg (420mm)

XG6 TECHNOLOGY

WE WANT EVERY RIDER TO ENJOY REAL MOUNTAIN BIKING



This bike embodies how fun mountain biking is

The most fun part of trail riding on a MTB is to take any line you want. You see the terrain and instantly choose your line, then actually follow it on the bike. Nothing can beat the moment when you manage to take the exact line you choose. You need to be able to control the bike perfectly in order for every line to be rideable. The XG6 lets you do so and shows the true joy of mountainbiking. The main reason why the XG6 offers this quick handling is its geometry.

XG6 geometry is all about the position of the center of gravity

In mountain biking, standing on the pedals is more important than sitting on the saddle because you stand up on the pedals in order to control your bike except when you are pedaling. When you are standing up, the center of gravity of the XG6 is located between the two wheels so that you can corner easily by slightly shifting your body and smoothly handle both uphill and downhill terrain. The BB height on this frame is 5mm higher than our racing models so that



DOWNTUBE

The square downtube keeps front end twisting to a minimum in order to let the rear wheel follow the front without losing stiffness. The shift wires are internally routed to avoid mud and other elements for crisp shifting.

you can shift your body greatly. These details allow you to easily perform actions like leaning back and pushing your bike forward to drop off, pulling up the front wheel to clear obstacles and hopping with the front then the rear wheel to do a bunny hop.

Great uphill pedaling efficiency inherited from the racing models

The front and rear thru axles increase torsional stiffness on the wheels, allowing the design of a light frame and great vibration damping, together with the loop stay design of the rear triangle. The resulting frame is extremely light, so its ride is similar to that of the racing models. This bike absorbs the impact of riding over small bumps and turns it into momentum as you pedal. On longer climbs, riders will fully experience how well the bike holds speed thanks to its geometry. The 650B wheelset also contributes to the bike's rollover and cruising performance.

This bike makes trail riding more enjoyable

The components on this bike are perfect for trail riding. The 680mm handlebar allows you to pull up the front wheel easily and charge into rough terrain, and the 2.25" tires let you ride aggressively with lower air pressure. You can ride confidently on rough trails thanks to the front suspension forks with 140mm travel (160mm travel for the XG6 ELITE) and the dropper post. The XG6 might not be the lightest bike around but it allows you to ride the way you want to enjoy trail riding. Using our exclusive technologies, Bridgestone represents how fun mountain biking can be — because we want everyone to enjoy the real mountain biking.



HEADTUBE & FORKS

The 70.5 degree slack head angle offers stable handling and allows the rider to tackle any trail with confidence. The long travel front forks ensure absorption of hard impacts, leaving the bike stable. These are essential features for trail riding.



BB SHELL & CHAINSTAYS

The rear triangle combines supple loop stays with stiff 142x12mm E thru axle to allow the XG6 to ride more smoothly and trace any line. The thru axle is easy to attach and remove.

XG6 EQUIPE

COMPLETE BIKE

TRAIL ALUMINIUM SLX



Photo spec / Frame size: 440mm / Some parts shown above are photo samples

PURE MOUNTAIN BIKE WITH XG6 GEOMETRY THAT OFFERS BEST FUN ON EVERY TYPES OF TRAILS

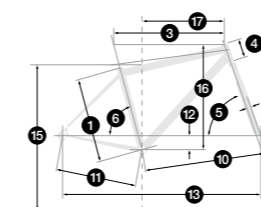
The XG6 geometry with its lower center of gravity allows you to control the bike the way you want. Now the XG6 EQUIPE features that geometry with Shimano SLX components for a great balance of value and performance. The 650B (27.5") wheelset keeps the bike stable and playful for ripping through any trail. The rear triangle with loop stays features a thru axle to keep the frame torsionally stiff and offers a high level of vibration damping. The 140mm travel front suspension rides smoothly on rough trails. This is a versatile bike for all kinds of trail riding.

COLOR



GEOMETRIES

Suspension	1	3	4	5	6	8	10	11	12	13	15	16	17
Assuming 140mm travel 502mm length	390	550	105	70°30'	74°00'	42	621	435	40	1053	695	589	381
	440	570	105	70°30'	73°30'	42	636	435	40	1068	739	598	393
	490	590	115	70°30'	73°00'	42	651	435	40	1083	781	608	404



- 1 Frame size (center-top) 3 Top tube length (assuming horizontal)
- 4 Head tube length 5 Head angle 6 Seat angle 8 Fork offset
- 10 Front center 11 Rear center 12 BB drop 16 Wheel base
- 15 Standover height 18 Stack 17 Reach

SPEC

Model	XG6 Equipe
Group	Shimano SLX
Size	390 / 440 / 490
Color	Orange, Green, Black
Frame	Aluminium / thru axle
F/fork	Rock Shox Sektor silver 140mm
Headset	TANGE IS245L direct in type
Shifter	Shimano Deore SL-M670
Crank	Shimano FC-M672
F/Derailleur	Shimano SLX FD-M671-A-B
R/Derailleur	Shimano SLX RD-M675-SGS
Handle	Aluminium φ31.8 680W Riser15mm
Stem	Original (Aluminium)
Seatpost	Original φ31.6 x 300L (Aluminium)
Saddle	Sella Italia X1
Brake	Shimano BR-M675, BL-M675B, SM-BH90
Wheel	Jalco XM420+Shimano HB/FH-M618
Tire	Bridgestone 27.5" (650B) x 2.25
Chain	Shimano CN-HG54
Cassette	CS-HG50 11-36T
Pedal	Without
Weight	12.2kg (without pedals)

FRAME SIZE

Sloping frame size	Top tube length (mm)	According height (cm)	Inside leg measurement (cm)																										
390	550	145-161	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	
440	570	158-172																											
490	590	170-182																											

XG6 SPORT

COMPLETE BIKE

TRAIL ALUMINIUM DEORE



Photo spec / Frame size: 440mm / Some parts shown above are photo samples

BEST ENTRY-LEVEL MOUNTAIN BIKE WITH 650B WHEELSET AND THE XG6 GEOMETRY

From attacking singletrack to cruising through the city, this bike can handle everything and is versatile because of its nimble XG6 geometry. Sharing the same frame as the advanced models, the rear triangle of this bike features a thru axle and loop stays to reduce ground impact and make the frame stiff to handle tight corners. The SR Suntour EPIXON TR fork with 140mm travel has great basic functions, so the rest of the components can be upgraded as your riding skill improves too.

COLOR



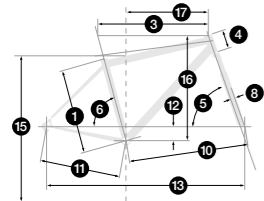
Orange

Green

Black

GEOMETRIES

Suspension	1	3	4	5	6	8	10	11	12	13	15	16	17
Assuming 140mm travel 502mm length	390	550	105	70°30'	74°00'	42	621	435	40	1053	695	589	381
	440	570	105	70°30'	73°30'	42	636	435	40	1068	739	598	393
	490	590	115	70°30'	73°00'	42	651	435	40	1083	781	608	404



- 1 Frame size (center-top) 3 Top tube length (assuming horizontal)
- 4 Head tube length 5 Head angle 6 Seat angle 7 Fork offset
- 8 Front center 9 Rear center 10 BB drop 11 Wheel base
- 12 Standover height 13 Stack 14 Reach

SPEC

Model	XG6 Sports
Group	Shimano Deore
Size	390 / 440 / 490
Color	Orange, Green, Black
Frame	Aluminium / Thru axle
F/fork	SR Suntour SF15 Epixon 140mm
Headset	TANGE IS245L direct in type
Shifter	Shimano SL-M610
Crank	FC-M612
F/Derailleur	Shimano FD-M610-B
R/Derailleur	Shimano RD-M615-SGS
Handle	Aluminium φ31.8 680W Riser15mm
Stem	Original (Aluminium)
Seatpost	Original φ31.6 x 300L (Aluminium)
Saddle	Sella Italia X1
Brake	Shimano Altus BL-M355, SM-BH59, BR-M355
Wheel	Jalco DD24, Shimano HB / FH-M618
Tire	Bridgestone 27.5" (650B) x 2.25
Chain	Shimano CN-HG54
Cassette	CS-HG50 11-36T
Pedal	Without
Weight	12.8kg (without pedals)

FRAME SIZE

Slipping frame size	Top tube length (mm)	According height (cm)	Inside leg measurement (cm)																										
			61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	
390	550	145-161																											
440	570	158-172																											
490	590	170-182																											

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* All specs printed in this catalogs are based on facts on January.1st 2015.

* Bridgestone Cycle reserves the right to make changes at any time, in colors, materials, equipments, specs, and existence with out notice.

* Colors shown in this catalog may differ from the actual color due to the printing process.

* Products weights are approximate and based on median products size.

BRIDGESTONE

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