

## **The Xtreme Road Bike 105 SL:**

Below is a detailed specification guide for the Xtreme Road Bike 105 SL, covering various components and features of this special bike made for race lovers who want to spend hours in the saddle:

### **1. Frame:**

- **Material:** High-quality aluminum, carbon fiber, or titanium.
- **Frame Geometry:** Balanced geometry for a comfortable and efficient riding position. Options for endurance, race, or performance-oriented geometry.
- **Frame Size Options:** Various sizes to accommodate different rider heights and preferences.
- **Integrated Cable Routing:** Internal cable routing for a clean aesthetic and improved aerodynamics.
- **Mounting Points:** Mounts for fenders, racks, and water bottle cages for versatility and utility.

### **2. Fork:**

- **Material:** Carbon fiber for lightweight and responsive handling.
- **Fork Design:** Aerodynamic fork blades with tapered steerer tube for stiffness and precision.
- **Axle Compatibility:** Options for quick-release or thru-axle designs for enhanced stiffness and steering control.
- **Integrated Features:** Mounts for fender and rack installation for added versatility.

### **3. Wheels:**

- **Wheel Size:** Standard 700c size for road bikes.
- **Rim Material:** Lightweight and durable carbon fiber or aluminum alloy.
- **Rim Depth:** Options for shallow or deep-section rims for aerodynamic performance and stability in crosswinds.
- **Spokes:** High-quality stainless steel spokes for durability and strength.
- **Hub Compatibility:** Options for rim brake or disc brake hubs for compatibility with different braking systems.

### **4. Tires:**

- Tire Size: Options for various tire widths to accommodate different riding preferences and road conditions. **The Xtreme Road Bike 105 SL model brings the Kontinental Grand 5000 model.**
- Tire Type: Clincher, tubeless, or tubular tires for different riding styles and preferences.
- Tread Pattern: Smooth or lightly treaded tires for low rolling resistance and efficient road performance.
- Puncture Protection: Reinforced casing or puncture-resistant belts for added durability and reliability on rough roads.

#### 5. Drivetrain:

- Groupset: Options from leading manufacturers such as Shimano, SRAM, or Campagnolo.
- Number of Gears: Options for 1x, 2x, or 3x drivetrains to suit different riding preferences and terrain.
- Crankset: Options for compact, standard, or sub-compact chainring configurations for varying gear ratios.
- Cassette: Wide range cassettes for climbing or racing-oriented setups.
- Shifters: Ergonomic and responsive shifters for precise gear changes in all conditions.

#### 6. Brakes:

- Brake Type: Options for rim brakes or disc brakes for different braking preferences and performance characteristics.
- Brake Calipers: Lightweight and high-performance calipers with options for dual-pivot or hydraulic disc brakes for improved stopping power and modulation.
- Brake Levers: Comfortable and ergonomic brake levers with options for mechanical or hydraulic actuation.

#### 7. Handlebars:

- Handlebar Material: Lightweight aluminum alloy or carbon fiber for stiffness and vibration damping.
- Handlebar Shape: Options for compact, ergonomic, or traditional drop bar shapes for different riding preferences and hand positions.
- Handlebar Width: Various widths to accommodate different rider shoulder widths and preferences.

- Integrated Features: Cable routing channels or ports for clean integration with electronic shifting systems.

#### 8. Saddle:

- Saddle Type: Options for performance-oriented racing saddles, endurance-oriented comfort saddles, or versatile all-around designs.
- Saddle Material: Lightweight and durable materials such as synthetic leather, carbon fiber, or titanium rails.
- Saddle Width: Options for various widths to accommodate different rider sit bone widths and preferences.
- Saddle Cutout: Cutout or relief channel designs for pressure relief and comfort on long rides.
- You can bring your own saddle and get a discount of 100\$.

#### 9. Pedals:

- Pedal Type: Options for flat pedals, clipless pedals, or hybrid pedals for different riding preferences and footwear compatibility.
- Cleat Compatibility: Options for compatibility with popular cleat systems such as Shimano SPD, Look Keo, or Speedplay for efficient power transfer and control.

#### 10. Accessories:

- Bottle Cages: Mounting points for water bottle cages for hydration on long rides.
- Fender Mounts: Mounting points for fenders for protection from rain and road spray.
- Rack Mounts: Mounting points for rear racks for carrying gear and supplies on touring or commuting rides.
- Computer Mount: Integrated mount for attaching cycling computers or GPS devices for tracking performance and navigation.

#### 11. Additional Features:

- Aerodynamic Features: Aerodynamically optimized frame shapes, tube profiles, and components for reduced drag and improved efficiency.
- Compliance Features: Built-in compliance features such as seatstay or fork flex zones for improved comfort and vibration damping on rough roads.

- Customization Options: Options for custom paint schemes, component upgrades, or personalized fitting services for a unique and tailored riding experience.

## 12. Weight and Performance:

- Overall Weight: Lightweight construction and component selection for responsive handling and climbing efficiency.
- Stiffness: Optimal balance of stiffness and compliance for efficient power transfer and comfort on long rides.
- Aerodynamics: Aerodynamically optimized frame and component designs for reduced drag and improved speed on flat and rolling terrain.

## 13. Maintenance and Serviceability:

- Component Compatibility: Standardized component interfaces and compatibility for ease of maintenance and future upgrades.
- Service Intervals: Manufacturer-recommended service intervals for regular maintenance tasks such as cleaning, lubrication, and component adjustment.
- Warranty: Manufacturer warranty coverage for frame and components to ensure peace of mind and support in case of defects or issues.

By considering these detailed specifications and features, you can make sure that Xtreme Road Bike 105 SL meets your specific riding needs, preferences, and performance goals. Whether you're a competitive racer, avid enthusiast, or casual commuter, a well-equipped road bike can provide endless hours of enjoyment and exploration on the open road.