

# Madone SL7 Gen 7

*World's Fastest Road Bike*



Model (as shown): Show Madone SL7 Gen 7 56, 2023

Madone has been dedicated to speed since its inception. But as both bikes and bike racing get faster, it takes better technology than ever to stay ahead of the pack.

Since the first Madone was released in 2003, the average speed of pro riders racing the Spring Monuments has increased by roughly 1.5 km/h. That means a rider from twenty years ago would need to increase their power by more than 35 watts to race at today's speeds, assuming their equipment hadn't progressed to help make them faster. At these speeds, aerodynamic drag is responsible for almost 90% of resistive power, so improving aerodynamics is top of mind for anyone who wants to win..

Madone SL 7 offers legendary speed, cutting-edge tech, and unbelievable ride quality in a 500 Series OCLV Carbon package that keeps things light and quick for fast rides and races. IsoFlow technology smooths out bumps in the pavement while lowering weight and offering an

aerodynamic advantage over your competition, and a wealth of speedy features like our newest Kammtail aero shapes, a wicked fast and smooth Shimano Ultegra Di2 electronic drivetrain, carbon wheels, and invisible hose routing make for a race machine that feels just as fast as it looks.

## Features



### **Project One**

Our newest generation of aerodynamic Kammtail frame shapes, aero cockpit design, and rider position make the 7th generation Madone SL our fastest yet.

### **Exclusive IsoFlow technology**

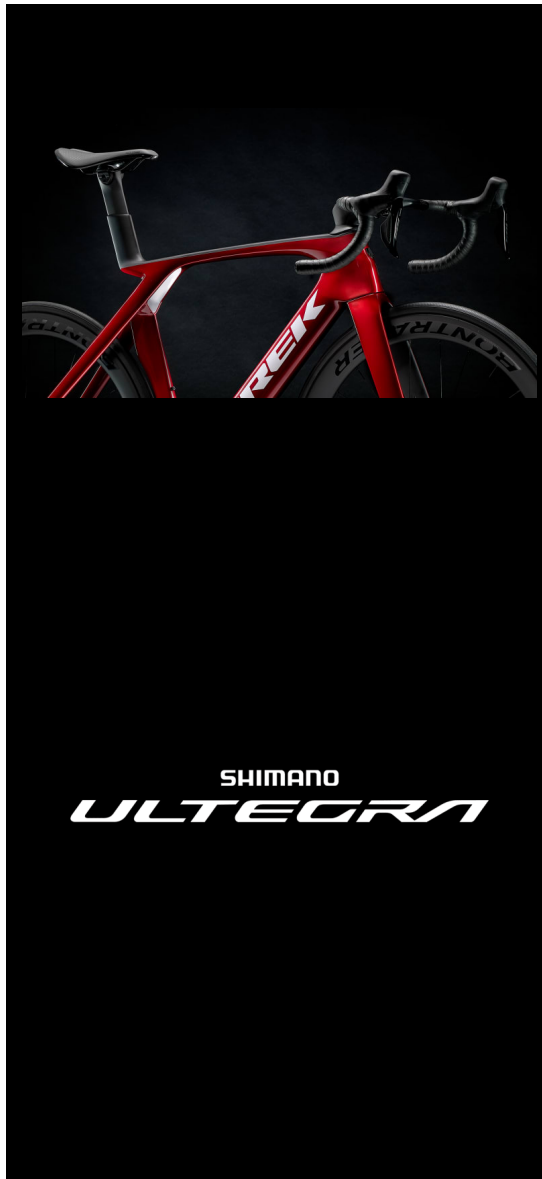
IsoFlow technology specifically designed for the 7th generation Madone shaves weight, improves aerodynamics, and smooths bumps in the road for a more comfortable ride.

### **Our lightest Madone SL ever**

Lightweight 500 Series OCLV Carbon and a newly optimized design make this the lightest Madone SL ever..

### **New ergonomic handlebar**

A newly optimized handlebar that's 3cm narrower in the hoods than the drops offers a more comfortable and ergonomic riding position for faster racing, improved aerodynamics, and ultimate control. Use the same handlebar size you're used to — if you



normally ride with a 42cm bar/stem, opt for 42cm in the drops and 39cm in the hoods..

### **Refined integration**

Every inch of Madone was designed for ultimate speed and efficiency — including internal cable routing, an aerodynamic cockpit, a hidden seatmast, and more.

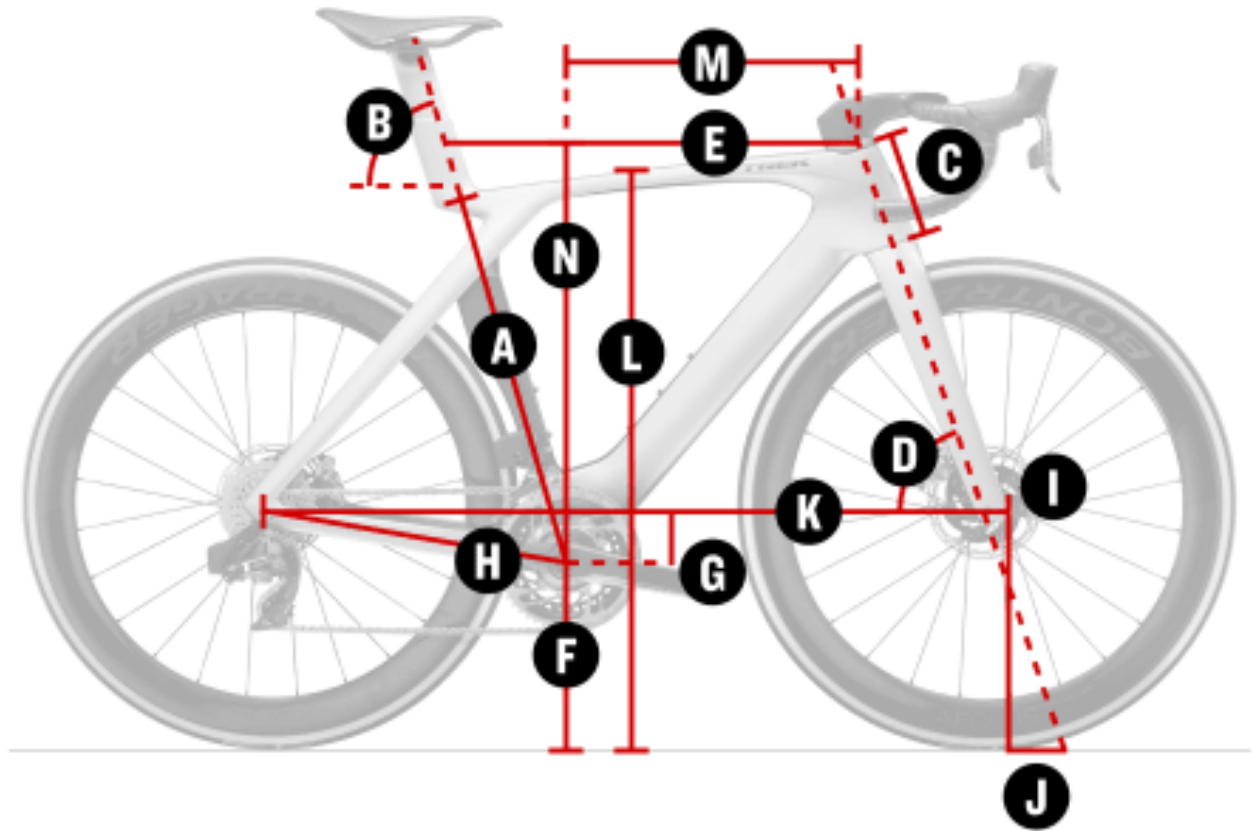
### **Shimano Ultegra Di2**

Ultegra Di2 R8100 is Shimano's most inspired drivetrain, packed with innovative, game-changing features. HYPERGLIDE+ technology allows for crisp, seamless shifts both up and down the gear range, even during maximal efforts. The new Di2 shifting system introduces Shimano's exclusive wireless integrated circuit, and the move to a 12 speed cassette ensures you have all the gearing you need. Ergonomics and aerodynamics have been enhanced at every turn, and you can set up the drivetrain just the way you like it via Shimano's user-friendly E-Tube app.

# Specifications

Item	Description
Frame	500 Series OCLV Carbon, KVF (Kammtail Virtual Foil) tube shape, IsoFlow seat tube, invisible cable routing, 3S aero chain keeper, T47 BB, flat mount disc, 142x12mm thru axle
Fork	Madone KVF full carbon, tapered carbon steerer, internal brake routing, flat mount disc, carbon dropouts, 12x100mm thru axle
Total weight of Bike & components	8.00 kg / 17.64 lbs
Weight limit	This bike has a maximum total weight limit (combined weight of bicycle, rider, and cargo) of 275 pounds (125 kg).
Battery	Shimano BT-DN300
Charger	Charging cable included
Shifter	Shimano Ultegra R8170 Di2, 12 speed
Front derailleur	Shimano Ultegra R8150 Di2, braze-on, down swing
Rear derailleur	Shimano Ultegra R8150 Di2, 34T max cog
Crank	Shimano Ultegra R8100, 52/36, 172.5mm length
Bottom bracket	Praxis, T47 threaded, internal bearing
Cassette	Shimano Ultegra R8101, 11-30, 12 speed
Chain	Shimano Ultegra/XT M8100, 12 speed
Max chainring size	1x: 50T, 2x: 54/40
Front wheel	Bontrager Aeolus Pro 51, OCLV Carbon, Tubeless Ready, 100x12mm thru axle
Rear wheel	Bontrager Aeolus Pro 51, OCLV Carbon, Tubeless Ready, Shimano 11/12-speed freehub, 142x12mm thru axle
Skewer front & rear	Bontrager Switch thru axle, removable lever
Tire	Bontrager R3 Hard-Case Lite, aramid bead, 120 tpi, 700x25mm
Max tire size	32mm
Saddle	Bontrager Aeolus Comp, steel rails, 145mm width
Seatpost	Madone aero carbon seatpost, 0mm offset, long length
Handlebar	Bontrager RSL Aero, OCLV Carbon, 31.8mm, Di2 routing, 80mm reach, 124mm drop, 42cm width.
Handlebar tape	Bontrager Supertack Perf tape
Stem	Trek RCS Pro, -7 degree, 100mm length
Brake	Shimano Ultegra hydraulic disc, flat mount
Brake rotor	Shimano CL800, centerlock, 160mm
Rotor size	Max brake rotor sizes: 160mm front & rear

# Geometry



Frame size number	47 cm	50 cm	52 cm	54 cm	56 cm	58 cm	60 cm	62 cm
Wheel size	700c	700c	700c	700c	700c	700c	700c	700c
A — Seat tube	42.4	45.3	48.3	49.6	52.5	55.3	57.3	59.3
B — Seat tube angle	74.6°	74.6°	74.2°	73.7°	73.3°	73.0°	72.8°	72.5°
C — Head tube length	10	11.1	12.1	13.1	15.1	17.1	19.1	21.1
D — Head angle	72.1°	72.1°	72.8°	73.0°	73.5°	73.8°	73.9°	73.9°
E — Effective top tube	51.2	52.1	53.4	54.3	55.9	57.4	58.6	59.8
G — Bottom bracket drop	7.2	7.2	7.2	7	7	6.8	6.8	6.8
H — Chainstay length	41	41	41	41	41	41.1	41.1	41.2
I — Offset	4.5	4.5	4.5	4.5	4	4	4	4
J — Trail	6.8	6.2	5.8	5.6	5.8	5.7	5.6	5.6
K — Wheelbase	97.2	97.4	97.7	98.1	98.3	99.2	100.1	101
L — Standover	69.2	71.1	73.2	74.4	76.8	79.3	81.1	82.9
M — Frame reach	37.3	37.8	38.3	38.6	39.1	39.6	39.9	40.3
N — Frame stack	50.7	52.1	53.3	54.1	56.3	58.1	60.1	62

Stem length	80	90	90	90	100	100	110	110
Saddle rail height min (w/short mast)	55	58	61	63.5	66.5	68.5	70.5	73
Saddle rail height max (w/short mast)	62	65	68	70.5	73	75.5	77.5	80.5
Saddle rail height min (w/tall mast)	59.1	62.1	65.1	67.6	70.6	72.6	74.5	77.5
Saddle rail height max (w/tall mast)	65.5	68.5	71.5	74	76.5	79	81	84