

ROAD race

# ULTRALIGHT EVO & ULTRALIGHT

Maximum  
lightweight for  
an explosive  
bicycle

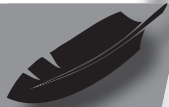
**1.5" TAPERED**  
W/ INTEGRATED  
CARBON

**CIR**  
CONVERTIBLE  
INTERNAL ROUTING

LIGHTWEIGHT

**HCIM**

HOLLOW CORE  
INTERNAL MOLDING



**Sub 700 gr**

The new Ultralight Evo frame which utilizes the HCIM technology and an improved layup design has allowed the R&D team to develop a frame that weighs less than 700 grams while maintaining all of the performance goals required of the Ultralight race frame design.

RIGIDITY

**FDM**

PRECISION FULL CARBON



**Optimised carbon support for  
the full carbon front  
derailleur mount**

Challenge overcome: more rigidity, precision and sensitivity in the performance of the 100% full carbon front derailleur mount.

NEW DESIGN

**Di2 battery  
integrated**



**In the seat post for Di2**

New design of the seat post incorporates an internally mounted Di2 battery, notably improving the aesthetics of the bike.

**BB386  
EVO**



**Optimisation of the  
BB386 bottom bracket**

The optimised, lightweight frame design improves torsion and rear triangle rigidity.

MARIO MOLA

BH Triathlon – Mallorca 2014

## RACE FRAME GEOMETRY

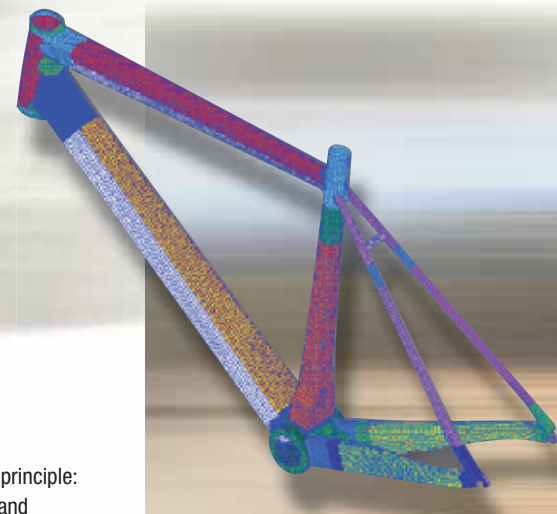
PERFORMANCE DRIVE RACE DESIGN



BB386 **EVO**



700 gram frame design with no user weight limit for the cyclist



Maximum rigidity and lightweight

### Designed to Climb

BH has always been faithful to a principle: Develop agile bicycles designed and engineered to effectively convert the rider's power and strength into speed. The Ultralight frame is the ultimate expression of this centenarian philosophy applied to competitive cycling.

The Ultralight is everything you expect in a top level racing bike; extremely lightweight, laterally stiff and very efficient. It is an ideal frame design for producing the best results from any rider. The minimalistic look was designed and engineered around our Hollow Core Internal Molding Technology, resulting in the lightest, yet stiffest frame we have ever produced. The power transfer from rider to wheel is second to none. Designed to climb, the development team applied this motto to every aspect of the frame, ultimately producing a frame specifically suited for racing. Climbing, descending and breaking free from the Peloton is made easier and requires less effort thanks to the incredible stiffness-to-weight ratio of this proprietary carbon blend, resulting in uncompromised frame responsiveness.

### Crankset BB386 EVO. Increased lateral and vertical stiffness

The bottom bracket of the Ultralight utilizes the BB386EVO architecture and measures 86.5mm in overall width. This new bottom bracket design offers the Ultralight frame a greater surface area for improved lateral frame stiffness. The BH designers were able to increase the cross sectional areas of the tubing while reducing overall wall thickness, thus increasing the torsional stiffness in the bottom bracket. The result is increased lateral frame stiffness, improved efficiency and total control with every turn of the pedals. This new design has enabled BH to increase the size of the down tubes diameter, thus reducing the thickness of the walls and increasing the torsion stiffness by 166% and the rear stiffness by 125%.

As a result, the cyclist may place more demands on the frame, particularly when going uphill, putting all of his/her effort into speed and power.

In addition, the Ultralight has a crankset group designed exclusively for the model.

### Cable guides within the frame. Maximum protection, simple maintenance

The innovative Ultralight cable guide system offers the possibility of integrating mechanical or electronic systems, guaranteeing maximum protection.

### Compact Geometry. Direct connection to the bicycle

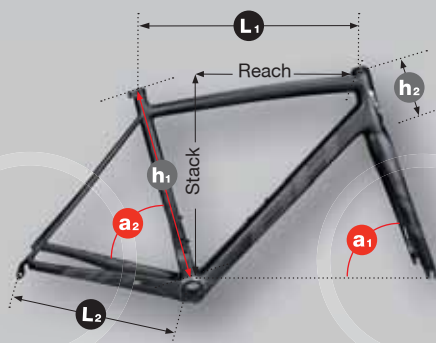
When the road is inclined, the Ultralight is at its best. It offers an experience that fuses the bicycle and the cyclist, creating a single unstoppable machine. Its studied geometry converts it into an easily-maneuvrable bicycle that is explosive, quick to change directions and follow any path with great precision.

The slightly elevated head tube, the slightly advanced fork placement, the rear triangle geometry with 402 mm. chainstays, and the slight modification of the seat angle give the Ultralight a lower-than-normal centre of gravity.

This design allows for more precise and fast speed changes, hugging curves at high speeds, attacking uphill climbs either seated or standing, with increased explosiveness, transforming every ounce of energy into power so as to get the best performance out of the most complicated terrains.

# Ultralight Evo

# ROAD



	h <sub>1</sub>	h <sub>2</sub>	L <sub>1</sub>	L <sub>2</sub>	a <sub>1</sub>	a <sub>2</sub>	Stack	Reach
Frame kit								
XS	470	115	530	402	72,2°	74,8°	517	382
SM	480	120	543	402	72,5°	74°	523	383
MD	505	150	557	402	73°	73°	549	384
LA	540	185	570	402	73°	72,5°	583	386
XL	552	195	583,3	402	73,5°	72,5°	594	396

Dimensions in mm.

Ultralight Evo Carbon



**Ultralight Evo Dura Ace Di2 Plus L99C5**

- Shimano Dura Ace Di2 11 sp
- Shimano Dura Ace
- Lightweight Obermayer
- Tub. Michelin Service Course
- XS / SM / MD / LA / XL
- kg 6



**Ultralight Evo Dura Ace Di2 L97C5**

- Shimano Dura Ace Di2 11 sp
- Shimano Dura Ace
- Shimano Dura Ace C24
- Michelin Pro4
- XS / SM / MD / LA / XL
- kg 6,3



**Ultralight Evo Red L95C5**

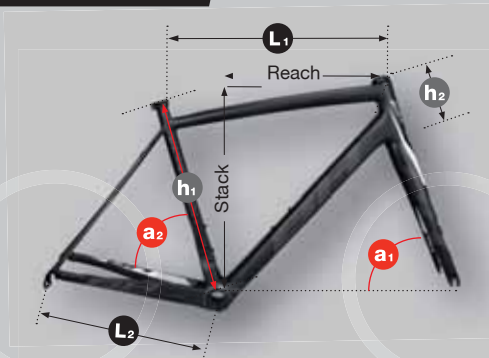
- SRAM Red 22
- SRAM Red
- FSA SL-K 386 50/34
- FSA Metron 44
- Michelin Pro4
- XS / SM / MD / LA / XL
- kg 6,3



**Ultralight Evo Dura Ace L85C5**

- Shimano Dura Ace 11 sp
- Shimano Dura Ace
- Shimano Dura Ace C24
- Michelin Pro4
- XS / SM / MD / LA / XL
- kg 6,3





	h <sub>1</sub>	h <sub>2</sub>	L <sub>1</sub>	L <sub>2</sub>	a <sub>1</sub>	a <sub>2</sub>	Stack	Reach
Frame kit								
Ultralight								
XS	470	115	530	402	72,2°	74,8°	517	382
SM	480	120	543	402	72,5°	74°	523	383
MD	505	150	557	402	73°	73°	549	384
LA	540	185	570	402	73°	72,5°	583	386
XL	552	195	583,3	402	73,5°	72,5°	594	396

Dimensions in mm.

Ultralight Carbon



**Ultralight  
Ultegra Di2**  
L75C5

Shimano Ultegra Di2  
11 sp  
 Rotor 3DF 50/34

Shimano Ultegra  
 Mavic Ksyrium Elite  
 Mavic 700\*23

XS / SM / MD /  
LA / XL  
kg 6,2



**Ultralight  
Ultegra**  
L65C5

Shimano Ultegra 11 sp  
 Rotor 3DF 50/34

Shimano Ultegra  
 Mavic Ksyrium Equipe  
 Mavic 700\*23

XS / SM / MD /  
LA / XL  
kg 7

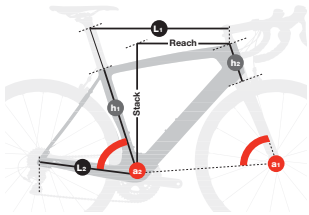
Pictures are not contractual



### Frame kit Ultralight

## Ultralight **Evo**

Frame Ultralight Evo Carbon  
 Fork Ultralight Evo Full Carbon 1.5"  
 Headset BH Evo 1.5"  
 Seat clamp Ultralight



Dimensions in mm.

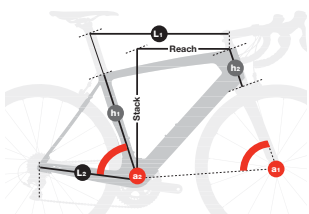
Size	h <sub>1</sub>	h <sub>2</sub>	L <sub>1</sub>	L <sub>2</sub>	a <sub>1</sub>	a <sub>2</sub>	Stack	Reach
XS	470	115	530	402	72,2°	74,8°	517	382
SM	480	120	543	402	72,5°	74°	523	383
MD	505	150	557	402	73°	73°	549	384
LA	540	185	570	402	73°	72,5°	583	386
XL	552	195	583,3	402	73,5°	72,5°	594	396

colors  code C13

### Frame kit Ultralight

## Ultralight

Frame Ultralight Carbon  
 Fork Ultralight Evo Full Carbon 1.5"  
 Headset BH SuperLite 1.5"  
 Seat clamp Ultralight



Dimensions in mm.

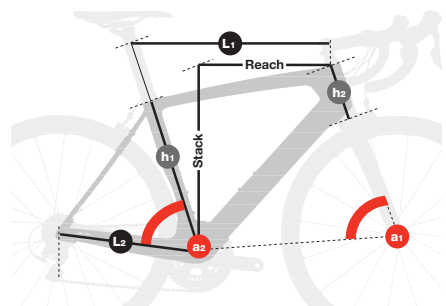
Size	h <sub>1</sub>	h <sub>2</sub>	L <sub>1</sub>	L <sub>2</sub>	a <sub>1</sub>	a <sub>2</sub>	Stack	Reach
XS	470	115	530	402	72,2°	74,8°	517	382
SM	480	120	543	402	72,5°	74°	523	383
MD	505	150	557	402	73°	73°	549	384
LA	540	185	570	402	73°	72,5°	583	386
XL	552	195	583,3	402	73,5°	72,5°	594	396

colors  code C14



## Ultralight **Evo** L99C5

### DURA ACE DI2 PLUS



Frame	Ultralight Evo Carbon
Fork	Ultralight BH Evo Full Carbon 1.5"
Stem	BH Evo
Headset	BH Evo 1.5"
Shift levers	Shimano Dura Ace Di2 11
Rear Derailleur	Shimano Dura Ace Di2 11 sp
Front Derailleur	Shimano Dura Ace Di2 11
Crank Set	Shimano Dura Ace 50/34
B.B Set	BH 386 for Shimano
Cassette	Shimano Dura Ace 11 sp

Chain	Shimano Dura Ace
Brake levers	Shimano Dura Ace
Front brake	Shimano Dura Ace
Rear brake	Lightweight Obermayer
Tires	Tub. Michelin Service Course
Saddle	San Marco Concor FX
Seat Clamp	Ultralight
Seatpost	BH Evo Carbon E-tube
Handlebar	BH Evo Wing
Grips	-
Weight	6 Kg

Dimensions in mm.

Size	h <sub>1</sub>	h <sub>2</sub>	L <sub>1</sub>	L <sub>2</sub>	a <sub>1</sub>	a <sub>2</sub>	Stack	Reach
XS	470	115	530	402	72,2°	74,8°	517	382
SM	480	120	543	402	72,5°	74°	523	383
MD	505	150	557	402	73°	73°	549	384
LA	540	185	570	402	73°	72,5°	583	386
XL	552	195	583,3	402	73,5°	72,5°	594	396

colors



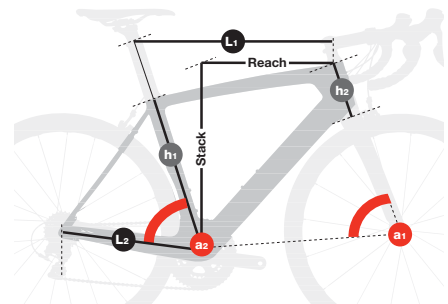
code

C13



### Ultralight **Evo** L97C5

#### DURA ACE Di2



- |                  |                                 |              |                      |
|------------------|---------------------------------|--------------|----------------------|
| Frame            | Ultralight Evo Carbon           | Chain        | Shimano Dura Ace     |
| Fork             | Ultralight Evo Full Carbon 1.5" | Brake levers | Shimano Dura Ace     |
| Stem             | BH Evo                          | Front brake  | Shimano Dura Ace     |
| Headset          | BH Evo 1.5"                     | Rear brake   | Shimano Dura Ace C24 |
| Shift levers     | Shimano Dura Ace Di2 11         | Tires        | Michelin Pro4        |
| Rear Derailleur  | Shimano Dura Ace Di2 11 sp      | Saddle       | San Marco Concor FX  |
| Front Derailleur | Shimano Dura Ace Di2 11         | Seat Clamp   | Ultralight           |
| Crank Set        | Shimano Dura Ace 50/34          | Seatpost     | BH Evo Carbon E-tube |
| B.B Set          | BH 386 for Shimano              | Handlebar    | BH Evo Wing          |
| Cassette         | Shimano Dura Ace 11 sp          | Grips        | -                    |
|                  |                                 | Weight       | 6,3 Kg               |

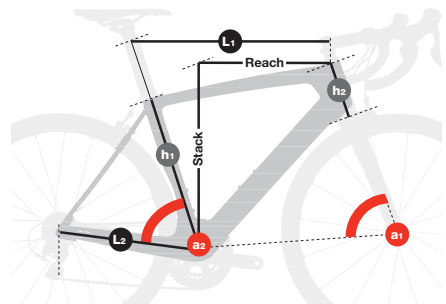
Dimensions in mm.

Size	h1	h2	L1	L2	a1	a2	Stack	Reach
XS	470	115	530	402	72,2°	74,8°	517	382
SM	480	120	543	402	72,5°	74°	523	383
MD	505	150	557	402	73°	73°	549	384
LA	540	185	570	402	73°	72,5°	583	386
XL	552	195	583,3	402	73,5°	72,5°	594	396

colors  code C13



## Ultralight **Evo Red** L95C5



Frame	Ultralight Evo Carbon	Chain	SRAM PC1170
Fork	Ultralight Evo Full Carbon 1.5"	Brake levers	Sram Red
Stem	FSA K-Force	Front brake	Sram Red
Headset	BH Evo 1.5"	Rear brake	FSA Metron 44
Shift levers	SRAM Red 22	Tires	Michelin Pro4
Rear Derailleur	SRAM Red 22	Saddle	Prologo Zero II
Front Derailleur	SRAM Red 22	Seat Clamp	Ultralight
Crank Set	FSA SL-K 386 50/34	Seatpost	FSA K-Force 27.2
B.B Set	FSA Press Fit 386	Handlebar	FSA K-Force Compact
Cassette	SRAM PG1070 11/26	Grips	-
		Weight	6,3 Kg

Dimensions in mm.

Size	h1	h2	L1	L2	a1	a2	Stack	Reach
XS	470	115	530	402	72,2°	74,8°	517	382
SM	480	120	543	402	72,5°	74°	523	383
MD	505	150	557	402	73°	73°	549	384
LA	540	185	570	402	73°	72,5°	583	386
XL	552	195	583,3	402	73,5°	72,5°	594	396

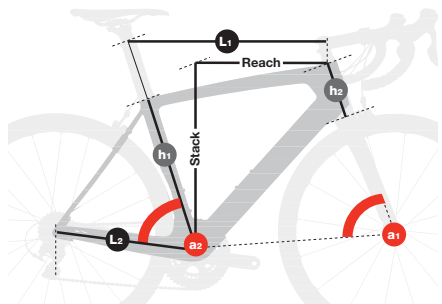
colors  code C13





### Ultralight **Evo** L85C5

#### DURA ACE



- Frame Ultralight Evo Carbon
- Fork Ultralight Evo Full Carbon 1.5"
- Stem BH Evo
- Headset BH Evo 1.5"
- Shift levers Shimano Dura Ace 11
- Rear Derailleur Shimano Dura Ace 11 sp
- Front Derailleur Shimano Dura Ace 11
- Crank Set Shimano Dura Ace 50/34
- B.B Set BH 386 for Shimano
- Cassette Shimano Dura Ace 11 sp

- Chain Shimano Dura Ace
- Brake levers Shimano Dura Ace
- Front brake Shimano Dura Ace
- Rear brake Shimano Dura Ace C24
- Tires Michelin Pro4
- Saddle Prologo Zero II
- Seat Clamp Ultralight
- Seatpost BH Evo Carbon
- Handlebar BH Evo Wing
- Grips -
- Weight 6,3 Kg

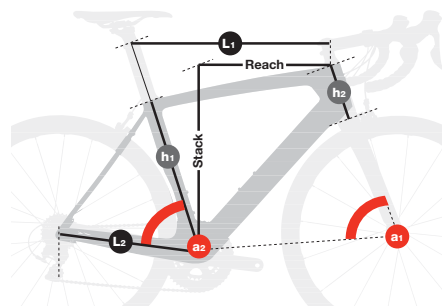
Dimensions in mm.

Size	h <sub>1</sub>	h <sub>2</sub>	L <sub>1</sub>	L <sub>2</sub>	a <sub>1</sub>	a <sub>2</sub>	Stack	Reach
XS	470	115	530	402	72,2°	74,8°	517	382
SM	480	120	543	402	72,5°	74°	523	383
MD	505	150	557	402	73°	73°	549	384
LA	540	185	570	402	73°	72,5°	583	386
XL	552	195	583,3	402	73,5°	72,5°	594	396

colors  code C13



## Ultralight **Ultegra** L75C4

**DI2**


Frame	Ultralight
Fork	Ultralight Evo Full Carbon 1.5"
Stem	BH Evo
Headset	BH SuperLite 1.5"
Shift levers	Shimano Ultegra Di2 11
Rear Derailleur	Shimano Ultegra Di2 11 sp
Front Derailleur	Shimano Ultegra Di2 11
Crank Set	Rotor 3DF 50/34
B.B Set	Rotor Press Fit 386
Cassette	Shimano Ultegra 11/25 11 sp

Chain	KMC X11L
Brake levers	Shimano Ultegra
Front brake	Shimano Ultegra
Rear brake	Mavic Ksyrium Elite
Tires	Mavic 700*23
Saddle	San Marco Zoncolan
Seat Clamp	Ultralight
Seatpost	BH Evo Carbon E-tube
Handlebar	BH SuperLite
Grips	-
Weight	6,2 Kg

Dimensions in mm.

Size	h <sub>1</sub>	h <sub>2</sub>	L <sub>1</sub>	L <sub>2</sub>	a <sub>1</sub>	a <sub>2</sub>	Stack	Reach
XS	470	115	530	402	72,2°	74,8°	517	382
SM	480	120	543	402	72,5°	74°	523	383
MD	505	150	557	402	73°	73°	549	384
LA	540	185	570	402	73°	72,5°	583	386
XL	552	195	583,3	402	73,5°	72,5°	594	396

colors



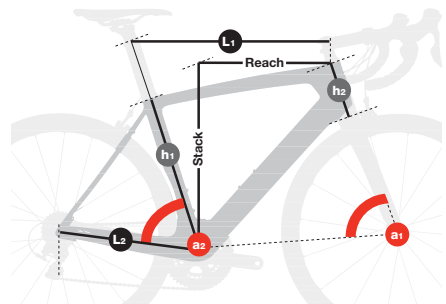
code

C14





## Ultralight **Ultegra** L65C5



- Frame Ultralight
- Fork Ultralight Evo Full Carbon 1.5"
- Stem BH SuperLite
- Headset BH SuperLite 1.5"
- Shift levers Shimano Ultegra 11
- Rear Derailleur Shimano Ultegra 11 sp
- Front Derailleur Shimano Ultegra 11
- Crank Set Rotor 3DF 50/34
- B.B Set Rotor Press Fit 386
- Cassette Shimano Ultegra 11/25 11 sp

- Chain KMC X11L
- Brake levers Shimano Ultegra
- Front brake Shimano Ultegra
- Rear brake Mavic Ksyrium Equipe
- Tires Mavic 700\*23
- Saddle Prologo Kappa 2
- Seat Clamp Ultralight
- Seatpost BH SuperLite 27.2
- Handlebar BH SuperLite Compact
- Grips -
- Weight 7 Kg

Dimensions in mm.

Size	h <sub>1</sub>	h <sub>2</sub>	L <sub>1</sub>	L <sub>2</sub>	a <sub>1</sub>	a <sub>2</sub>	Stack	Reach
XS	470	115	530	402	72,2°	74,8°	517	382
SM	480	120	543	402	72,5°	74°	523	383
MD	505	150	557	402	73°	73°	549	384
LA	540	185	570	402	73°	72,5°	583	386
XL	552	195	583,3	402	73,5°	72,5°	594	396

colors



code

C14