

Bikes.Protouch.Africa

FILANTE *slr*

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Wilier TRIESTINA





Integrated innovation: the Aerokit system

The down tube, which has always been one of the most complex areas from a design perspective, was developed with a precise goal: to have the minimum aerodynamic drag and to reduce the exposure of the water bottles to the air as much as possible.

The Aerokit system was specifically designed with this intention by our Innovation Lab together with Elite Cycling, a global leader in the design and production of hydration systems for cycling. This partnership has resulted in a kit that combines functionality and performance: 1100 ml of total capacity, optimally distributed and with a minimal aerodynamic impact.

From a technical perspective, the Aerokit functions as a veritable spoiler, capable of keeping the air more stable and less turbulent around the frame. Compared to traditional systems, aerodynamic drag is reduced by over two-thirds.

The Aerokit is also compatible with traditional round water bottles: 550ml on the down tube and up to 750ml on the seat tube.

A new aero benchmark on the market

Rigorous testing in the Silverstone wind tunnel pushed an ambitious project beyond all expectations.

The verdict was extraordinary: A 13.6% reduction in drag, exceeding the 12% estimated by CFD simulations. In the complete bike-rider system - always central to Wilier - we recorded a 4.5% improvement in aerodynamic resistance. The comparison with the Filante SLR

¹⁰¹ highlights tangible and significant advantages: maintaining the same speed of 40 km/h, a substantial 14.15 Watts of power is saved. Even more impressive are the data over distance: by applying the same power of 290 W over a 70 km route, a gain of 1 minute and 45 seconds is achieved, a margin that truly makes a difference in a competitive environment.

The decisive test came in direct comparison with the five competitor top-of-the-range World Tour bikes: an average aerodynamic resistance coefficient 2.42% better.

At the speeds of modern cycling, this difference means seconds gained and concrete competitive advantages in the race.





F-Bar ID2: aerodynamic cockpit for superior control and comfort

The new F-Bar ID2 is an aerodynamic cockpit developed around the needs of the modern cyclist, thanks to the joint efforts of engineers and the athletes of the Groupama - FDJ Cycling Team. Every detail is designed to offer you maximum efficiency and control in all riding conditions. The O.E.F. (Optimized Ergonomic Flare) design introduces an orthogonal flare of 3 cm between the high and low grip (available in 35/38 cm, 37/40 cm, and 39/42 cm), which, unlike other handlebars with differentiated widths, keeps the ergonomics of the controls unchanged, guaranteeing you a natural, comfortable, and tucked position to improve aerodynamic performance further.

For the first time on a Wilier product, the handlebar clamping hardware is completely hidden, benefiting aesthetics, protection from dirt and sweat, and aerodynamic performance - all while fully complying with the latest UCI regulations.

Filante SLR: comparison between first and second generation

| | FILANTE SLR ^{ID1} | FILANTE SLR ^{ID2} | DELTA |
|---|----------------------------|----------------------------|----------|
| FRAME WEIGHT (BLACK PAINTED, SIZE M) | 860 g ± 5% | 860 g ± 5% | = |
| BB STIFFNESS | 187 Nm / ° | 201 Nm / ° | + 7,49 % |
| C*dA AT 50 Km/h at 0° BIKE ONLY | 0,1016 m2 | 0,0883 m2 | - 13,1 % |
| C*dA AT 50 Km/h at 0° BIKE + RIDER | 0,3465 m2 | 0,3284 m2 | - 5,22 % |
| C*dA AT 50 Km/h at 15° BIKE + RIDER | 0,3753 m2 | 0,3564 m2 | - 5,04 % |
| WATT AT 40 Km/h | 287,95 W | 273,8 W | - 4,91 % |
| 70 Km at 290 W | 1:45:00 | 1:43:15 | - 1' 45" |



Color variants



PURE WHITE; GLOSSY & MATT- Color Code F30

Color variants



ECLIPSE BLACK; GLOSSY & MATT- Color Code F29



LUNAR GREY; GLOSSY & MATT- Color Code F28



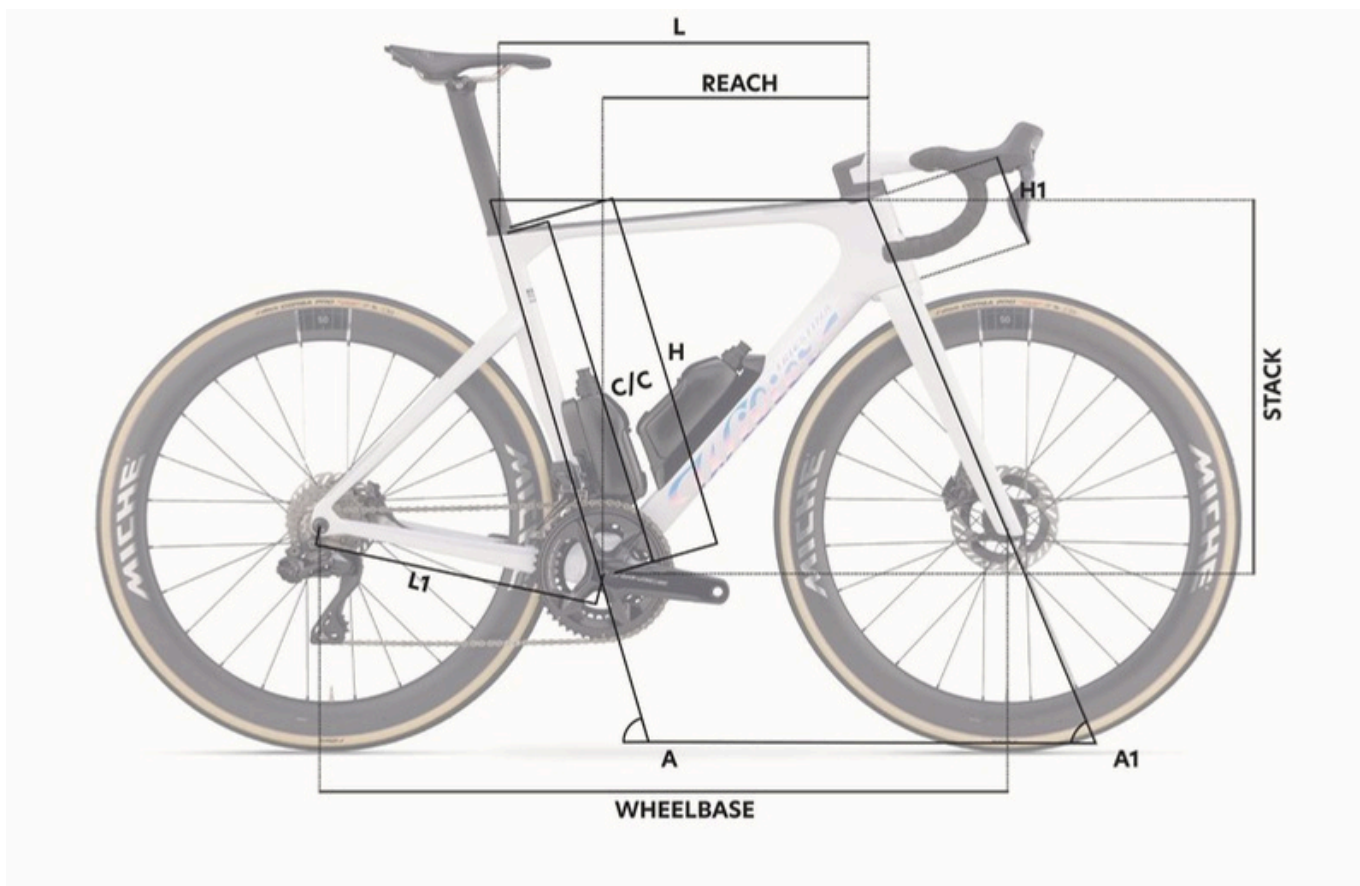
SOLAR BRONZE; GLOSSY & MATT- Color Code F33



AURORA BLUE; GLOSSY- Color Code F31

Geometries

Frame



| | XS | S | M | L | XL | XXL |
|----------------|-------|-------|-------|--------|--------|--------|
| C/C (cm) | 44.5 | 47.5 | 50.5 | 52.5 | 54.5 | 56.5 |
| L (cm) | 50.8 | 52.6 | 54.2 | 55.9 | 57.6 | 59 |
| H (cm) | 45 | 48 | 51 | 53 | 55 | 57 |
| A (°) | 75.2 | 74.5 | 74 | 73.5 | 73 | 73 |
| L1 (cm) | 41.1 | 41.1 | 41.1 | 41.1 | 41.3 | 41.3 |
| H1 (cm) | 9.9 | 11.5 | 13.2 | 14.9 | 16.6 | 18.3 |
| A1 (°) | 70.6 | 71.5 | 72 | 72.5 | 73 | 73.5 |
| Reach (mm) | 373 | 380 | 386.5 | 393 | 400 | 408 |
| Stack (mm) | 505 | 523 | 541 | 559 | 577 | 595 |
| Wheelbase (mm) | 980.5 | 985.1 | 992.9 | 1000.4 | 1010.1 | 1018.5 |



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