

## INTEGRATED FORK + VIRTUAL HEAD TUBE

Wilier bikes are known the whole world over for their impeccable handling. We believe the feel of the bike on the road gives it its soul. We continually search for ways to improve our bikes feel and comfort without compromising performance--which led to some of the Cento1SR's most significant enhancements. Our designers completely rethought the intersection between the top tube, head tube, and down tube while designing the Cento1SR. The radical looking top tube turns downward just before it meets the head tube, and the down tube flares to meet both the head tube and integrated fork. This change creates a virtual increase in the length of the head tube, resulting in a 14% increase in torsional rigidity. A traditional junction is modeled after the point of a triangle, but Wilier drew inspiration from a square, to make a new angle and positioning that increases the stiffness and stability of the front end. The Integrated Fork design creates an aerodynamic profile that reduces drag. Inspired by research during the development of our super-bike the TwinBlade, the Cento1SR's fork legs are designed for increased stability and aerodynamics. The proven Kamm truncated tail concept gives the Cento1 SR the perfect balance of lightweight, aerodynamics, and handling. This new aerodynamic design, born out of simple and harmonious lines, marries aesthetic excellence & the highest level of performance and cutting edge technology--creating a beautiful, clean, and seriously fast front end.



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## INTEGRATED ADJUSTER PLATE - 1

Wilier's Integrated Adjuster Plate has one simple purpose: A clean, efficient, and versatile port for internal cable routing. The IAP system tucks the cable entry away from the leading edge of the down tube, for maximized aerodynamic efficiency without sacrificing functionality or ease of use. Interchangeable based on the rider's choice of group set, the IAP offers clean and easy compatibility to any mechanical or electric system. Together with the integrated cable guide under the bottom bracket, the IAP ensures noise and friction-free cable routing and shifting. Integrated ergonomic barrel adjusters make for easy adjustments--even during use--all while maintaining a clean aesthetic.

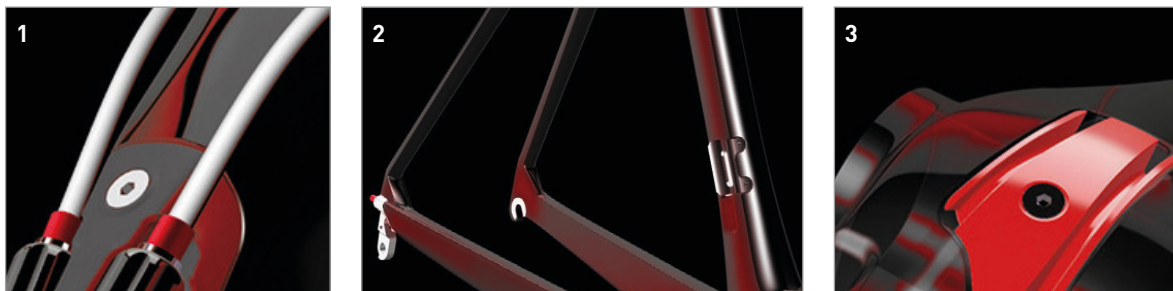


## ASYMMETRIC REARSTAYS - 2

Our asymmetric chainstay design for the Cento1SR is the next evolution of the design concept we originally introduced in the legendary first generation Cento1. The drive side chainstay is dramatically different than the non-drive side because the forces on the two sides are dramatically different. The drive side stay's shape and lower positioning counteract chain torque, while the non-drive stay is shaped to balance those same forces from the opposite side. The lower drive-side stay also reduces typical "chain-slap" when your ride gets rough.

## 3D INTEGRATED CABLE ROUTING PLATE (3D ICRP) - 3

Internal cable routing has been an important part of our research and development efforts in designing the Cento1 SR. Smooth and reliable operation of the drivetrain and braking systems is the number one priority when determining optimal cable routing. This led us to develop a feature exclusive to the Cento1 SR: the 3D Integrated Cable Routing Plate (3D ICRP). It is a cable guide, seamlessly integrated in the frame beneath the bottom bracket, that is designed with varied routing for each of the two cables. Unlike conventional cable guides, the Cento1 SR's 3D ICRP is designed to promote differentiated and specific routing for optimal functionality of each of the derailleurs. The resulting profile of the 3D ICRP ensures both a sure feel at the front derailleur as well as rear derailleur performance. An essential aspect of optimal internal routing is the cable's frictionless and contact-free movement within each of the frame tubes through which it passes. Preserving the optimal arc of rear derailleur cable and housing between the point of exit from the frame at the drive-side chainstay into the rear derailleur itself ensures smooth and "crisp" shifting across the entire cogset. As with the complementary IAP component, the frame is sculpted at the bottom bracket to receive seamlessly the 3D ICRP cable guide for Shimano Di2, Campagnolo EPS or mechanical systems. Its minimalist and integrated characteristics blend perfectly with every bend of the frame, enhancing aesthetics and aerodynamics over conventional cable guide designs.



## 3D DERAILLEUR HANGER - 4

Wilier looks to every detail on our bikes to optimize performance and functionality, and our 3D Derailleur Hanger is evidence of this. Cento1SR derailleur hangers are no longer merely there to facilitate the installation of the rear derailleur. They have assumed a third dimension of functionality, seamlessly integrating different systems while simultaneously serving as cable stops. For our new 3D Hangers, we dramatically increased stiffness to ensure perfect shifting and improved durability. The 3D hanger combines maximum compatibility with detailed performance optimization--offering full integration and ease of use for both mechanical and electronic groupsets. For a traditional mechanical group, the hanger features a clean integrated cable stop, making the transition from internal cable routing absolutely seamless. The cable stop is positioned closer to the derailleur itself. This enables a shorter length of housing from frame to derailleur, while still allowing for optimal cable arc--maximizing rear derailleur smoothness and consistency. As with the Cento1 SR's internal cable routing through the down tube, this cable stop keeps the rear derailleur shift cable well-tensioned and centered within the stay for a silent and

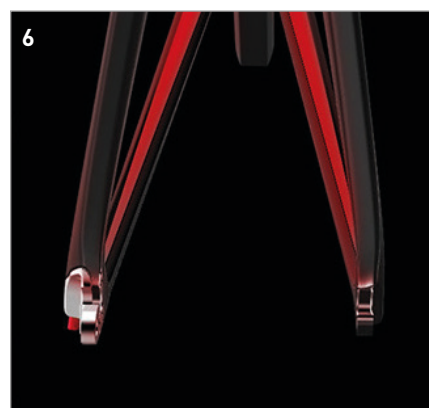
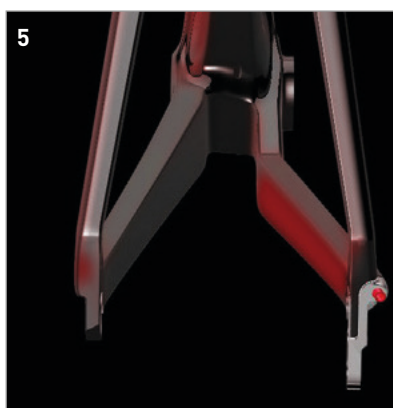
frictionless shift action. For electronic groups, the design is minimal, allowing the electric wiring to pass through in the cleanest way possible. The internal electric routing is optimized as well, with the wiring's point of exit positioned well above the dropout for quick and unencumbered wheel changes.

#### SWINGARM - 5

The rear stays are formed by two monocoque structural elements. The rear triangle's top and down tubes become a single unit, without any joining elements, thereby offering considerable benefits in terms of the bike's responsiveness.

#### INTEGRATED DROPOUT - 6

No joints, glue, or screws. The Cento1 SR offers a fully monocoque rear dropout and rear triangle, drastically reducing weight while simultaneously increasing rigidity and power transfer. Usually built with an aluminum joining section, the Cento1 SR's joining section is instead fully integrated with the rear triangle monocoque unit.



#### NOTE



**Centor SR**

<b>COLOR</b>	BLACK / RED
<b>FINISH</b>	MATT
<b>COLOR CODE</b>	S7



<b>COLOR</b>	DARK
<b>FINISH</b>	MATT & GLOSSY
<b>COLOR CODE</b>	S8



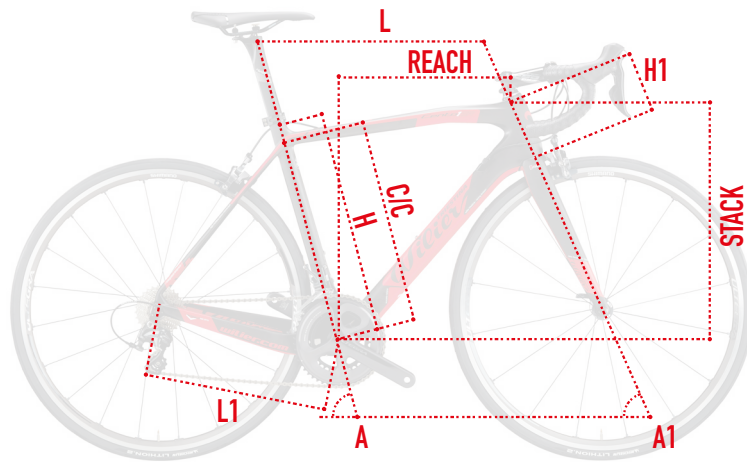
<b>COLOR</b>	TRICOLORE ITALIANO
<b>FINISH</b>	GLOSSY
<b>COLOR CODE</b>	S9

**INFINITAMENTE***Wilier* TRIESTINA 

custom colors available through Infinitemente website at [infintamente.wilier.com](http://infintamente.wilier.com)



## GEOMETRY AND SIZES



MISURA SIZE	H [cm]	C/C [cm]	L [cm]	L1 [cm]	H1 [cm]	A [°]	A1 [°]	REACH [mm]	STACK [mm]
XS	48	42	51,3	40,4	10,7	75	71,3	378	503
S	50	44	52,7	40,5	12,2	74,5	72	382,5	519
M	52	46	54,1	40,6	13,7	74	72,5	387	536
L	54	48	55,5	40,8	15,5	73,5	73	391,5	554
XL	57	51	57	40,9	17,3	73	73	396	571,5
XXL	60	54,5	58,6	41,1	19	72,5	73,5	400,5	589,5

TYPICAL USAGE	Road race, performance sportive, granfondo
FRAME MADE	Carbon 60TON 990 G ± 5%
FORK	Carbon monocoque integrated 390 G ± 5%

FRAME DETAILS AND TECHNOLOGY RECAP	
HEADTUBE	TAPERED, 1" <sup>1</sup> / <sub>8</sub> TOP - 1" <sup>1</sup> / <sub>4</sub> BOTTOM
FRONT FORK O.L.D.	100mm
REAR STAY O.L.D	130mm
BB SHELL	before serial number WT16C0014: BB 386EVO (86.5 wide x 46 diameter) after serial number WT16C0014: PRESS FIT 86,5x41
SEAT POST	CUSTOM CARBON MONOCOQUE, 10 mm SEATBACK
SEAT COLLAR	CUSTOM WILIER TRIESTINA W/2 BOLTS
FRONT DERAILLEUR TYPE	BRAZED ON
TIRES CLEARANCE	UP TO 28mm
REAR DROPOUT TYPE	3D DESIGN, REPLACEABLE

**Cento SR**

	DESCRIPTION	B2B CODE
1	PLATE	HGACCE39.3
2	Di2 PLATE	HGACCE39.2
3	INOX PLATE CHAINGUARD	HGACCE39.4
4	CABLE GUIDE	HGACCE39.5
5	DROPOUT	HGACCE39.6
6	FORK	FC 626S
7	SEAT CLAMP	HGACCE39E.1
8	SEATPOST	CM39-SP300 300mm for size XS, S, M CM39-SP 350mm for size L, XL, XXL

