Bianchi collaborated with Materials Sciences Corporation to develop our innovative and exclusive use of the MSC's patented Countervail® integrated vibration cancelling system for cycling. Countervail® is a patented viscoelastic carbon material with a unique fiber architecture that cancels up to 80% of vibrations while increasing the stiffness and strength of our carbon frames and forks. Countervail is embedded within the layup of Bianchi CV high-performance models: Specialissima, Infinito CV and Aquila CV.

PROVEN IN NASA AEROSPACE OPERATIONS

Traditional passive damping in frames using superficial rubber inserts and isolators are marginally effective compared to the integrated carbon Countervail® system developed by Bianchi for cycling and proven in the extreme conditions of NASA aerospace operations.

• Wrinkles in the carbon material affect the property of the whole frame and add more weight
• Bianchi avoid wrinkles by pre-tuning the thickness of the laminate of each frame
• Increased frame and process efficiency
• Reduced weight

BIANCHI CV INTEGRATED VIBRATION CANCELLING SYSTEM

• Bianchi’s unique process to internally mold X-woven structural carbon layer
• Carbon strips are molded into the carbon structure of the head tube and BB area
• Exceptional torsional rigidity proven by Bianchi’s professional riders

Bike with this technology: Oltre XR.2

TRIPLE HYDROFORMED TECHNOLOGY

• Utilized at the top tube and head tube
• The tubes are welded together after initial hydroforming then inserted into another hydroforming mold and reshaped through the same process
• Provides a clean monocoque appearance while increasing the strength and steering response of the frame

Bike with this technology: Impulso

X-TRX

• Improved shock absorption and impact resistance
• Reduced frame weight
• Power transmission is now focused through the chain stays, leaving the seat stays as a compliant support structure

Bikes with this technology: Oltre XR.2, Oltre XR.1; Sempre PRO

ABATV

• The combination between Bianchi Active Technology and the Kevlar Vibration Isolating Device allows us to obtain different stiffness behaviors under different directional forces, without wasting power transfer
• Special design of the rear rectangle
• Kevlar insert in the seat stays and the carbon fork
• Improved shock absorption and adherence on the road

Bikes with this technology: Infinito CV (only BAT); Intenso; Impulso; Via Nirone 7
RACING

Ride beyond limits. The Racing category includes extreme racing performance carbon frames, optimized to achieve the most efficient power transmission with the best rigidity to weight ratio.

At 780g*, Bianchi’s Specialissima frame changes the game in the ultralight frame category thanks to the use of MSC’s patented Countervail® integrated vibration cancelling system for cycling. Developed for NASA by Materials Sciences Corporation, Bianchi’s new Countervail® ultralight carbon formula is specifically tuned to smooth out the inherent nervousness of ultralight frames.

(*Black version frame, 55 size, +/- 5%)
Find Specs and Geometries on Bianchi.com
ENDURANCE RACING

Bianchi’s endurance racing bikes offer a longer wheelbase, taller head tube, and a slightly more upright position for greater comfort on long distance rides.

The Infinito CV features our exclusive Countervail technology which smooths out the roughest roads for reduced rider fatigue and improved endurance over the long haul. Proven in the toughest cobblestone races in Europe, and equally at home at your favorite Gran Fondo.

FIND SPECS AND GEOMETRIES ON BIANCHI.COM
The Aquila was designed using state of the art CFD analysis and wind tunnel testing to make a bike that slips through the air as effortlessly as possible, saving you valuable watts and time. Proven in pro Ironman events and World Tour time trials, the Aquila will get you to the finish line ahead of the competition.

Find Specs and Geometries On Bianchi.com
The Dama Bianca line is designed for women who desire performance and classic styling. Each of our Dama Bianca models is designed to perfectly fit female riders. It has been this way since Edoardo Bianchi created the first women’s specific model in 1895 when he taught Italy’s Queen Margherita how to ride a bicycle.

Find specs and geometries on bianchi.com
Bianchi L’Eroica

Inspired by the classic Bianchi racing machines of the 1950’s and 1960’s, the new L’Eroica model has proved for use in Eroica events around the world, including Eroica California. Built in Italy with Columbus tubing, the component package features classic components from Campagnolo and Brooks. For details on the Eroica events, visit their website at eroica.cc

ALL ROAD/CROSS

FIND SPECS AND GEOMETRIES ON BIANCHI.COM
If you need one bike to ride all season long, our carbon Zolder and alloy Zurigo bikes fit the bill. These bikes offer all around versatility and with just a simple tire swap, you can take on anything from the toughest Monster Cross events, gravel road races like Dirty Kanza & BWR, or just make your own back country adventure.

Find Specs and Geometries on Bianchi.com
All information and all technical specifications are correct at the time going to press. Bianchi reserves the right to change them without prior warning. For further information, please see our web site bianchiusa.com that is always updated. Bianchi recommends all cyclist to wear a helmet and abide by your state laws.