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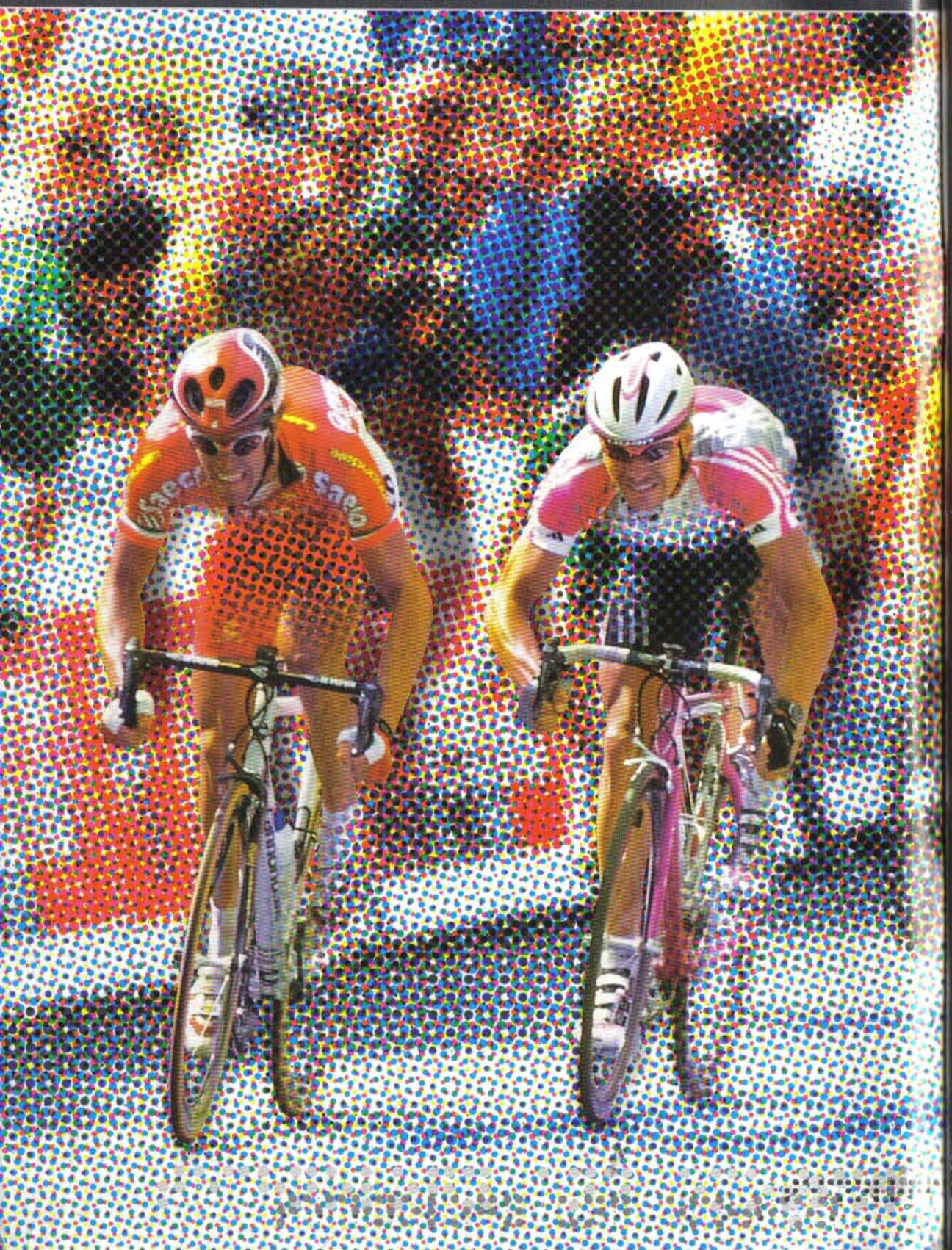
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TECHNOLOGY AND EMOTION

Campagnolo®



It's a great feeling, that now at the end of the Millennium, to see just how important bicycles have been, and the contribution Campagnolo has made to the growth and technological development of this extraordinary machine.
Just as the evolution of standard motor vehicles is based on investments applied in research in Formula 1 competitions, so do bicycles become lighter every year, as well as faster and safer, because of the innovations introduced to compete in the most demanding cycling events through out the world.
Campagnolo's commitment in biomechanics and materials has helped generate components which interface better than ever with the human body. They are lighter, more competitive, and there is never any sacrifice in safety.
Campagnolo makes extensive use of composite materials and special alloys, derived from the progressive conversion of the aerospace industry, for which Campagnolo has, for many years, manufactured components in light alloys. This process of conversion has made it possible for companies possessing the necessary know how in materials to provide extraordinary mechanical features, which are up to seven times lighter than steel.
Campagnolo's ability to absorb new technology very quickly has proved to be the trump card in comparison with other producers more closely tied to conventional metal crafting.
Even progressive integration with electronics is a major challenge, since the racing world is particularly harsh in its assessments of innovations, which do not yield effective advantages in terms of performance. The new ErgoBrain integrated computer for example is the first to offer effective self-learning features.
These truly provide unprecedented performance and are distinguished from all other products especially because of its complete integration with the "mind" of the cyclist, thereby extending and complementing human thought processes.
Campagnolo's constant dedication to the design and production of its components has been rewarded by decades of astonishing success in races all over the world, flanked - as already mentioned - by exponential growth in enthusiasm for the amazing world of bicycles.



2000 range

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18 Chorus
24 Daytona
28 Veloce
30 Mirage
32 Record Pista
33 Chrono / Triathlon components

Climb-Dynamic

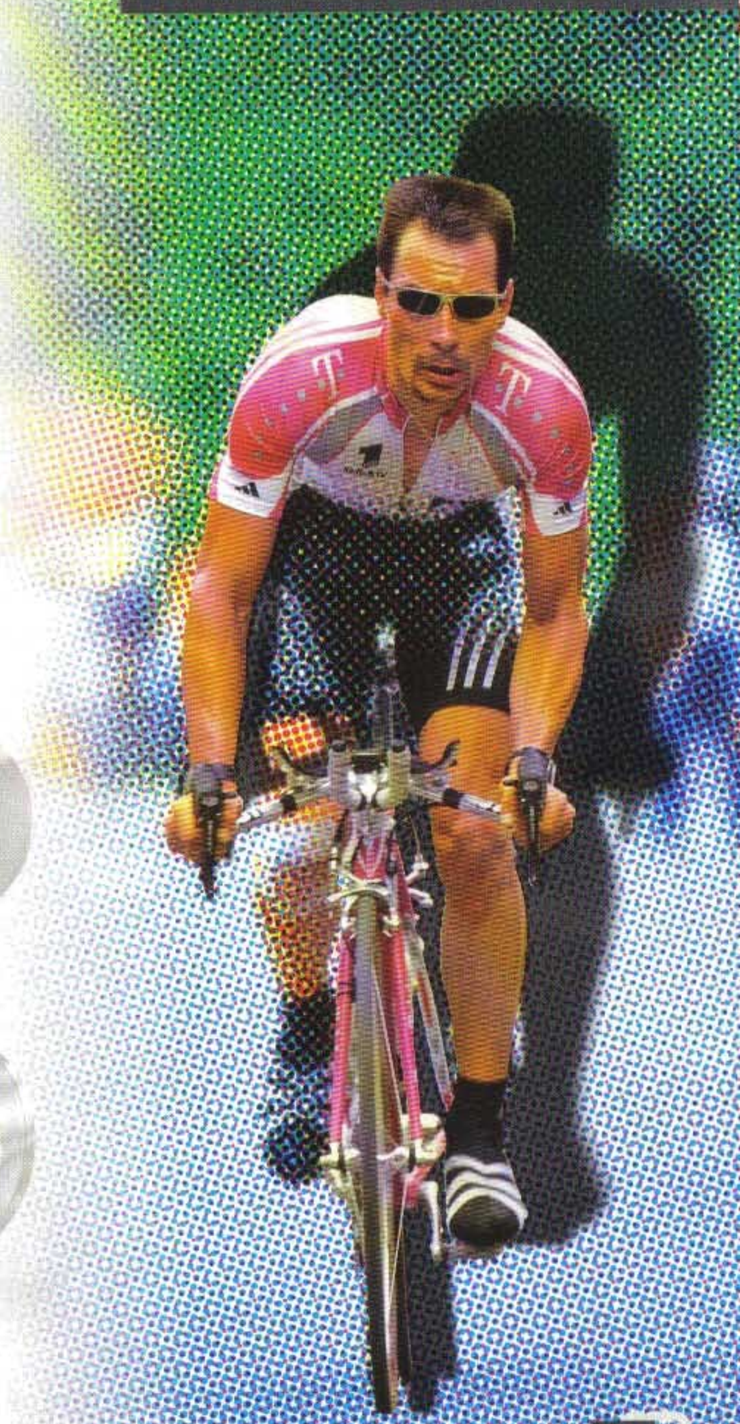
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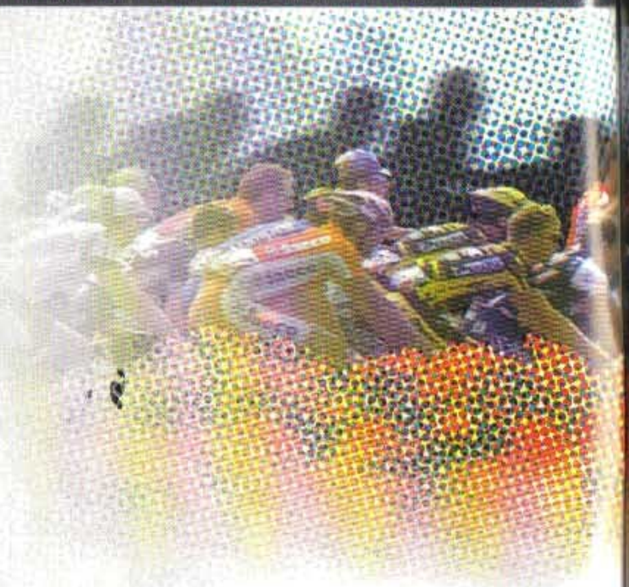
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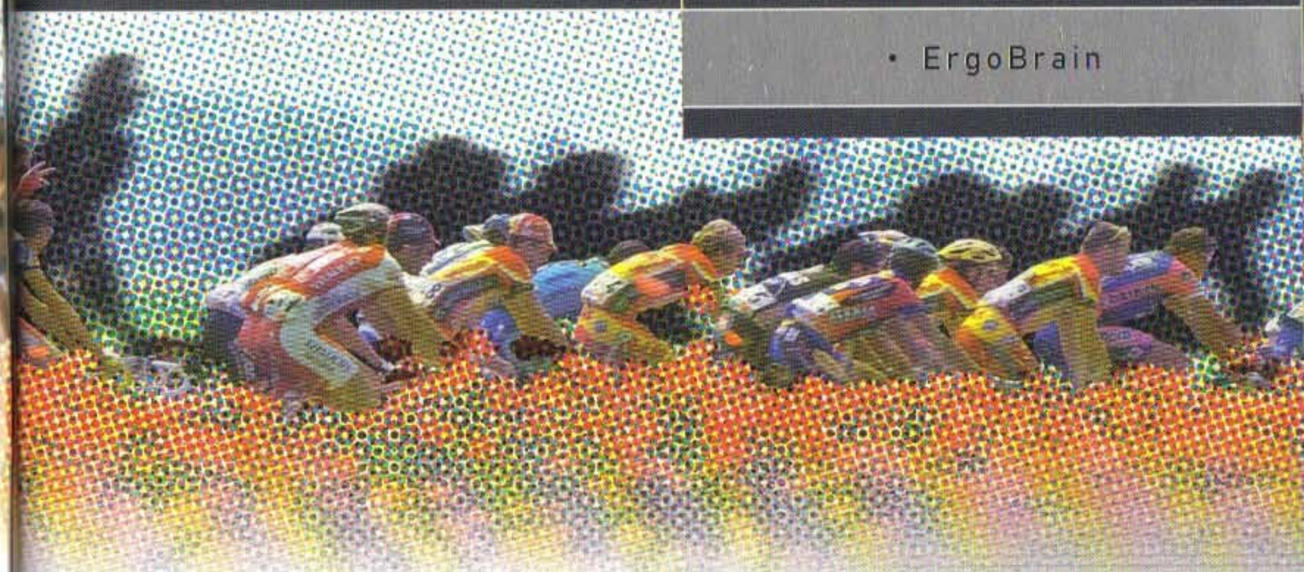


ErgoBrain

Campagnolo takes a giant leap into the digital universe with a product, which highlights advanced design based on more than sixty years of racing experience. Sharing in the symbiosis with the greatest champions of the century, it marks the debut of a computer designed specifically for road racing. Developed to ensure perfect integration with all Campagnolo components and to provide top-flight performances in terms of both ergonomics and function.

The most evident feature of this new computer is its design. The streamlined shape and the mounting position in front of the handlebar stem ensures that there are no negative aerodynamic effects, unlike conventional computers, while at the same time as improving overall styling and appearance. Yet where this product really excels is its performance.





ErgoBrain can boast great many new records:

The first and only integrated computer capable of learning without having to program the combination of sprockets in use. Wheel changes can even be made during races without losing any functions (patented).

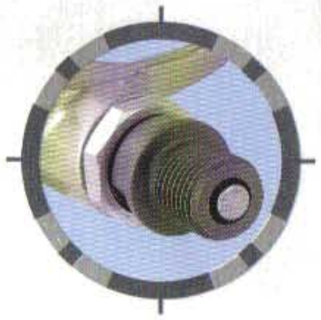
The first and only integrated computer capable of adapting itself to the effective calibration of the front derailleur. While always providing precise information about power transmission (patented), without the inaccuracies typical of other products.



The first and only integrated computer to indicate not only the position of the chain but also the number of teeth for the chainring and sprocket in use.

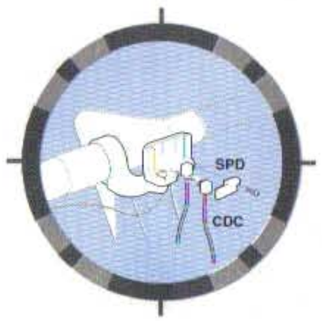


The first and only integrated computer with a pedal cadence magnet, which can be mounted rapidly inside the pedal axle (with the new Campagnolo Pro-Fit), for superb styling and function (patented).



The first and only integrated computer with detachable pedal cadence and speed sensors.





The first and only integrated computer with seven pre-programmed sprocket combinations. As well as the possibility of freely programming any other combination.





COG 11-21
COG 11-23
COG 12-21
COG 12-23
COG 13-23
COG 13-26
COG 13-28
FREE

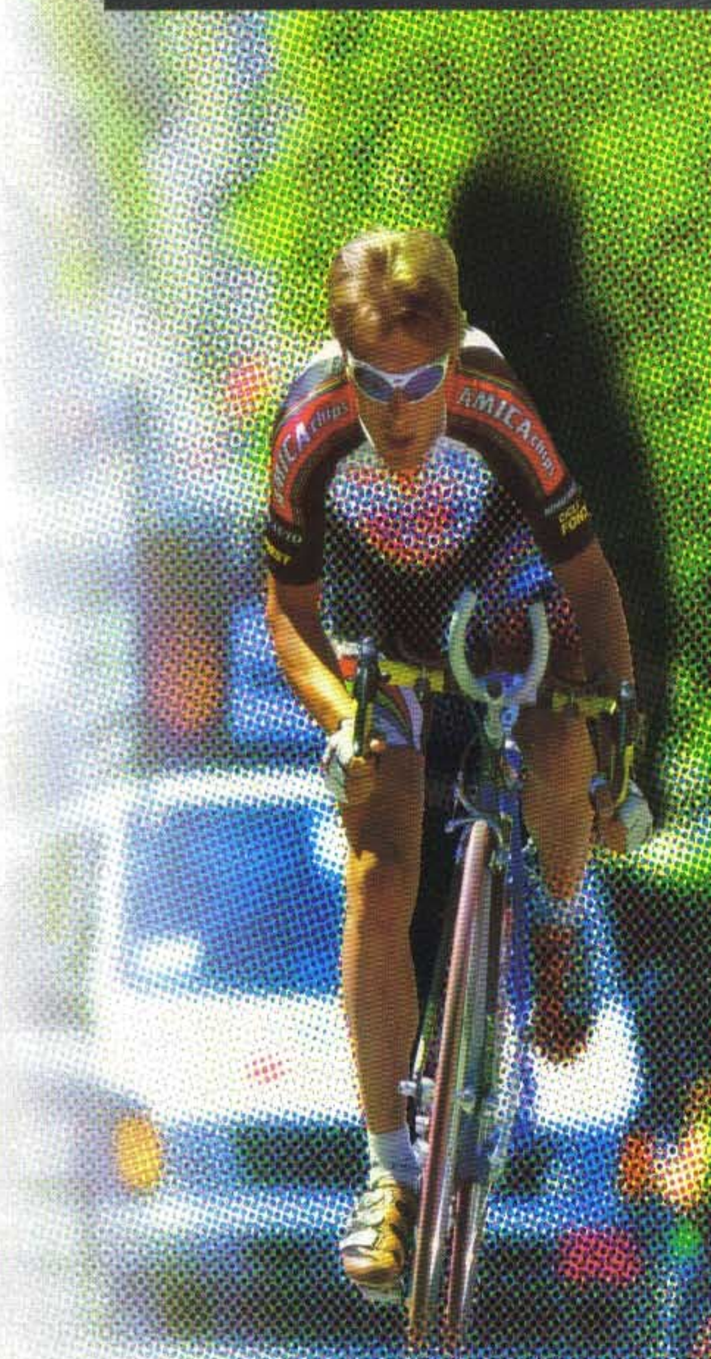
• ErgoBrain

The first and only integrated computer, which can store two wheel circumferences, each associated with a sprocket combination with resolution of 1mm.

The first and only integrated computer fitted with an EEPROM chip, which allows for updates of the initial settings and battery change without the need to reprogram.

There are also many other extremely useful functions such as pedal cadence, stopwatch (partial times), distance covered, automatic start/stop, above/below average indicator, a clock, and naturally, all the classic functions of conventional bicycle computers.

Yet perhaps the most extraordinary feature of this innovative computer is ease of use. Immediate and intuitive, the ErgoBrain is operated just like any ordinary bike computer. Except the self-learning functions make both initial programming and subsequent reprogramming (if required) even easier and quicker than ever.





New Daytona groupset

The new Daytona groupset comes in between the Chorus and Veloce groupset and was specifically developed to offer all the performance features of high-end competition products at an absolutely unbeatable price.
We focused on performance to create a lightweight, top-quality groupset with a strong personality for all racing enthusiasts.
Perhaps the most evident feature is the oversize hubs (based on the Record groupset) with aluminum axles, yet other special details reveal a very classy pedigree: brakes with light alloy brake-pad holders and orbital adjustment machined chainrings and the latest-generation of lightweight sprockets.



New Carbon-fiber seat post

Year after year, the Record range is extended with new specialties designed to make Campagnolo's flagship product lighter and better than ever. Such continuous evolution has stimulated the successful launch of components built in special materials, such as titanium and carbon fiber.
A major innovation for the Record 2000 groupset is the new seat post with a carbon fiber tube.
Lightweight, just 180 g, combined with well-tested features, safety, quality and durability. Thanks to all these features, this seat post integrates perfectly with the company's research & development philosophy. An enormous number of tests have been performed to ensure the reliability necessary for racing. The use of carbon fiber made it possible to develop a product combining extremely low weight with maximum reliability.
The "aggressive" look matches perfectly with the Record groupset, accentuating the features of an already powerful personality.



New rear derailleur adjustment

An interesting innovation in the 2000 range is the new rear derailleur adjustment system, which now moves over the lower body to achieve several distinctive advantages.
First, and foremost the lower body now houses a longer spring to ensure a more uniform movement and increased durability, while providing a greater range of adjustment.
This feature is undoubtedly much more elegant in aesthetic terms, since the adjustment screw is much less visible. There is also a slight advantage in terms of a reduction in the overall lateral dimensions (improving rider safety even further) and, thanks to new geometry, even lightness.
Moreover, the adjustment operation is now even easier than ever.

Campagnolo

Record

groupset

TECHNOLOGY AND EMOTION





New Record rear derailleur

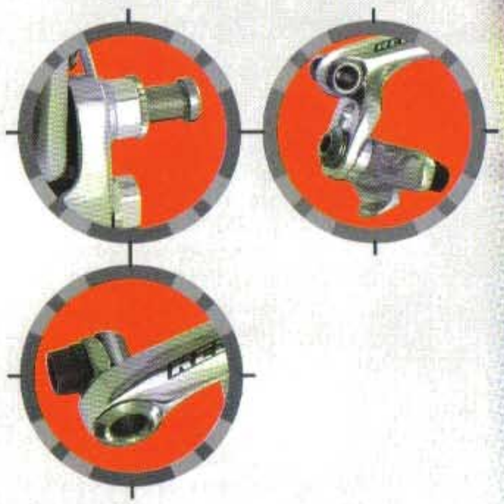
The new Record rear derailleur, thanks to its extraordinary features, is soon to become the new landmark for this kind of product.
The upper and lower bodies have both been redesigned, the parallelogram re-balanced and the cage upgraded.
The rear derailleur is now much lighter and provides even better performance.
More uniform movement, quieter running and smoothness for high-range gear changes.
More compact lateral dimensions, along a broader adjustment range.
The pre-load adjustment system for the internal spring is now less visible and better integrated with the lower body, thereby providing aesthetic as well as functional benefits.
The cable tension adjustment screw now has a "creep" setting to ensure even more precise adjustment.



Lighter brakes and new brake shoes

The braking power of any groupsets is very important for the safety of riders, be they professionals or amateurs. To meet the needs of riders requiring less weight without affecting performance, Campagnolo has developed an even lighter product, which, at the same time, ensures the superior brake performance demanded by professionals.
The Record 2000 brakes, with its visibly new logo, are now 40 g lighter than the 1999 model. At just 346 g/pair, this impressive weight reduction was achieved using the same forging.

Record





There was no sacrifice made to the extraordinary braking performance consolidated year after year simply by replacing steel components with titanium and light alloys.
The brake shoes, on the other hand, have been completely redesigned to ensure even better performance and greater compatibility with the rim's braking surface. The brake shoe is now longer and narrower, with constant height and slight curvature to adapt better to the rim.
The improved brake shoe-rim interface ensures safer and more constant braking.





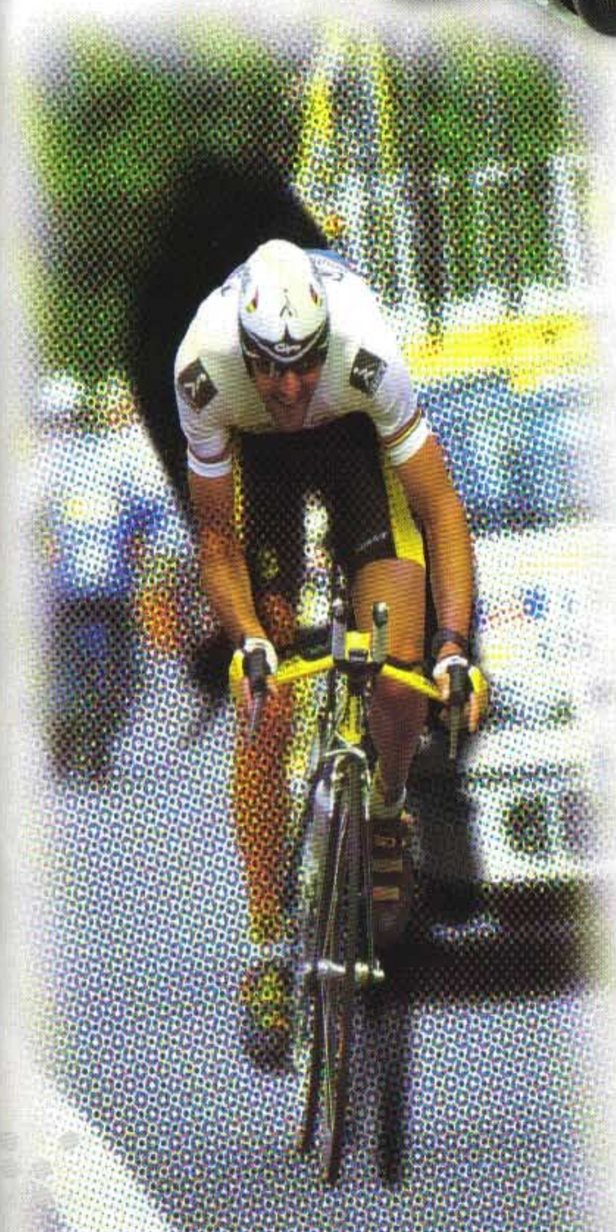
The weights of the two models are self-explanatory: 196 g for the titanium post version and 180 g for the carbon fiber version! In complete safety with Campagnolo's trusted maximum quality.
TITANIUM is distinguished by classic, elegant finishing and is ideal for riders looking for a top-of-the-line component distinguished by "conventional" styling.
CARBON weighs 16 g less, with a much more "aggressive" design. In keeping with the Record styling launched with the Ergopower controls and the threadless headset range. If you want to stand out from the crowd, here is your truly unique "trademark". Light, aggressive and sporty - a new way of leading with Campagnolo.
It is vitally important to emphasize that the low weight of these components has not been achieved by putting riders' safety at risk/: there is always an inevitable safety factor marking the borderline between what is possible and what is safe. Campagnolo, naturally, always takes the riders side.

Carbon fiber and titanium seat post

The Record seat post is available in two versions: CARBON and TITANIUM
Both seat posts are top-of-the-range products and the materials employed are the best available in terms of lightness, durability and reliability.

Record





Record Pedals

Record Pro-Fit 2000 pedals now boast an interesting new feature: the pedal cadence sensor magnet can be fitted inside the LH pedal axle.
Until now, anyone using a bike computer with a pedal cadence function simply had no alternative but to fit the magnet on the crank with an unsightly mounting band.
This year, Campagnolo proudly launches its first integrated computer - ErgoBrain - and one of the main innovations of this system is precisely the elimination of the mounting band. The pedal cadence sensor magnet is "hidden" inside the pedal axle. Since the Record pedal axle is in titanium, a non-magnetic material, a small steel insert secures the magnet.
The other features of the pedal are unchanged: wide foot support surface to ensure optimum power transmission and comfort equivalent to that of much larger pedals. Fast and easy foot insertion completely independent of release setting force, titanium axle and a pair of pedals which weighs in at just 265 g.

Campagnolo

Chorus

groupset

TECHNOLOGY AND EMOTION

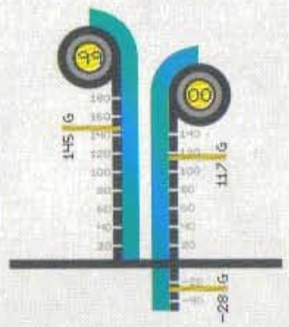






Oversize front hub

The design of the front hub in the Chorus range was updated last year while maintaining conventional geometry. This year Campagnolo has achieved yet another leap forward by equipping the groupset with a new OVERSIZE front hub. This component is based on the top-of-the-line Record groupset, with the only difference being there is no fast lubrication port. The hub, thanks to its design and the materials used, it is both lighter and stiffer mostly because of the new oversize light alloy axle. Components are standardized with those of the rear hub to make maintenance even easier.



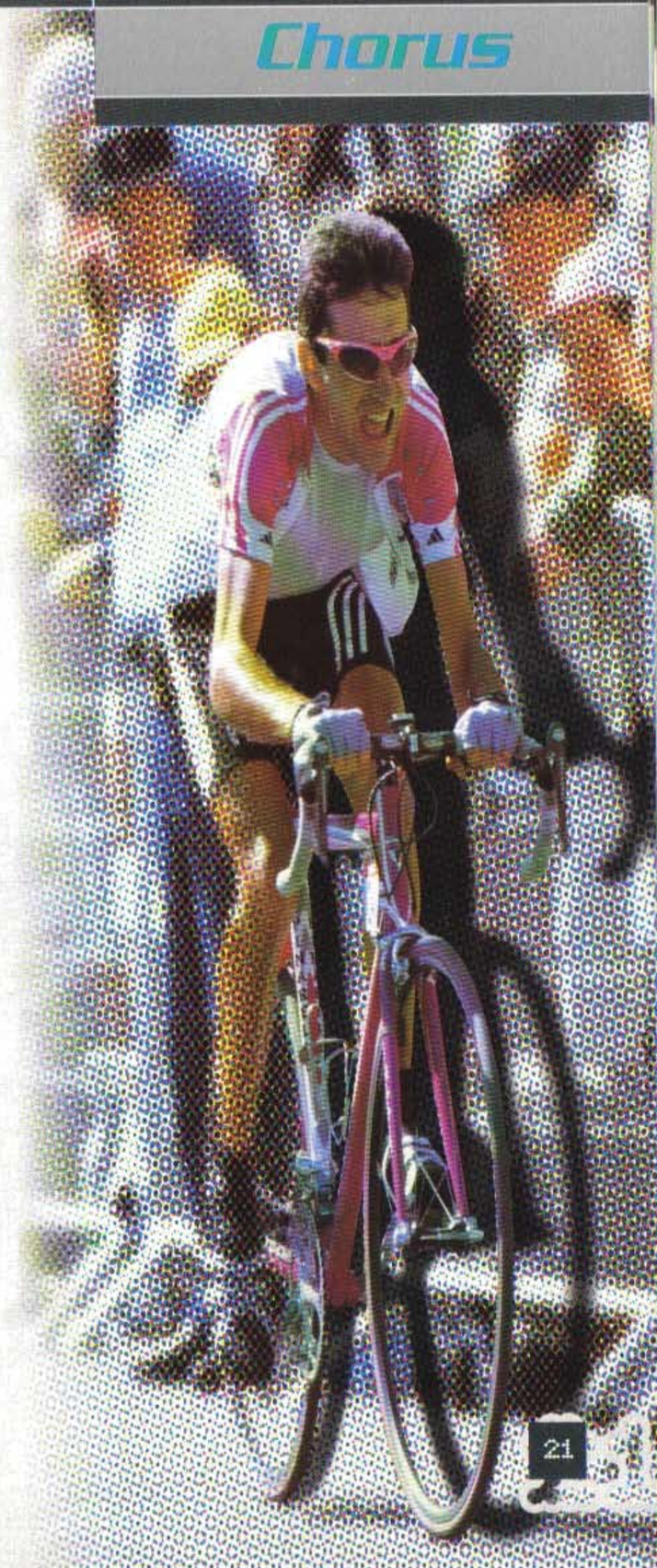
The bearing adjustment system now used incorporates a lock ring which reduces the weight to just 117 g compared with 145 g of last years hub. Elegant finishing integrates perfectly with the other components of the groupset.

Chorus



New Chorus rear derailleur

Even the Chorus groupset now mounts a new rear derailleur with redesigned bodies, and cage, the adjustment system on the lower body and a perfectly balanced parallelogram. The outcome has the same advantages seen for the Record range. Increased performance with quieter high-rate gear changes, more uniform movement, across a broader adjusting range. All of this constitutes a more elegant design, and last but not least, significant reductions in overall weight.





New Chorus seat post

The new Chorus seat post is fitted with the same light alloy head as the Record seat post, but has a tube in special steel selected specifically for its excellent characteristics.
This lightweight seat post combines the sturdiness and reliability typical of all Campagnolo components and is the outcome of research and testing programs now established as the benchmark for the entire field.
Steel when optimized by design produces a seat post, which weighs only 234 g and, from a styling standpoint, harmonizes perfectly with the rest of the Chorus groupset.

Chorus

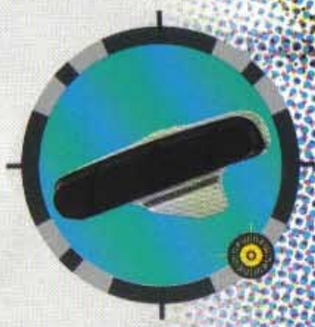


Chorus Pedals

Chorus Pro-Fit pedals optimally integrate the concepts of lightness and reliability. Compact yet at the same time capable of providing excellent foot support. They are equipped with a very rigid steel axle, and adjustable cone/cup type bearings, secured to the pedal body by a lock ring in light alloy. As with all pedals in the range, release force can be easily adjusted with the specific rear adjustment screw.
The left Chorus 2000 pedal can be fitted with the pedal cadence magnet "hidden" inside the axle. In this way, anyone using the new ErgoBrain computer no longer has to fit a conventional magnet secured to the crank with an unsightly band.

Other new features

New brakes with shoes and shoe-holders based on the Record 2000 range.



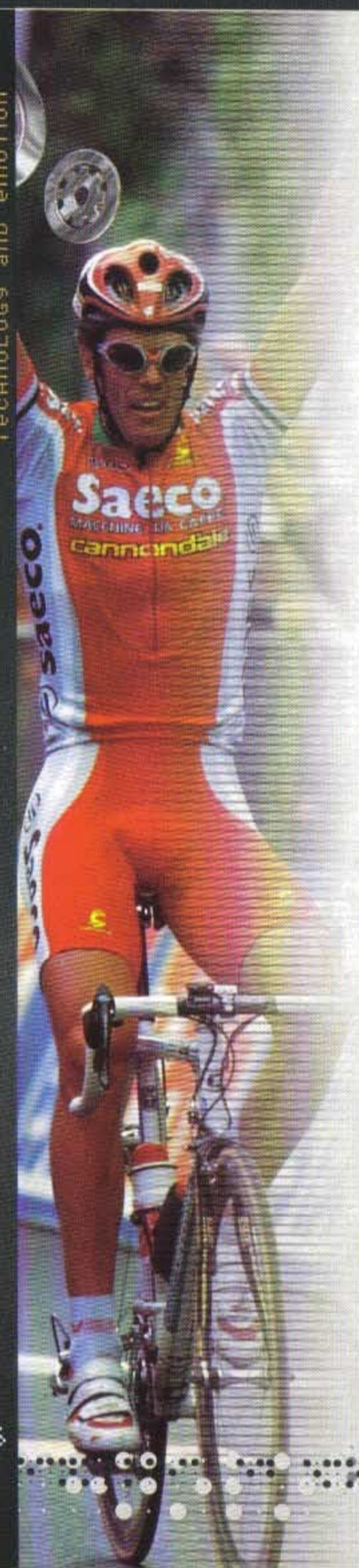
groupset

Technology and emotion

Campagnolo

Daytona





Daytona

The new groupset in the Campagnolo family christened specifically to highlight the purely "competitive" nature of the line. This is a top-end groupset designed to offer racers magnificent performance at a more competitive price than the Chorus range.
A glance at the specifications clearly emphasizes the system's top-flight features:

- OVERSIZE hubs derived from Record and Chorus with standardized components
- Brakes with light alloy shoe-holders and orbital adjustment
- Crankset with machined chainrings
- Standard sprockets: Exa-Drive MK2 Chorus
- Dedicated PRO-FIT pedals complete with housing for the pedal-cadence magnet
- Standard bottom bracket with light alloy cups and hollow axle
- Optional Chorus seat post
- Optional Chorus headset



Front hub

The front hub of the new Daytona groupset clearly demonstrates its competitive character through oversize geometry. The special features of this high-range component make it a unique product:

- Body and axle in light alloy
- Easy bearing adjustment with the lockring in special resin
- Standardized components
- Remarkably low weight: just 117 g

Daytona



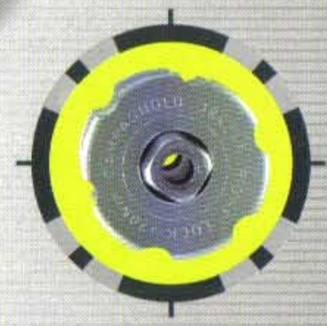


Rear hub

The Daytona rear hub is based on the Record and Chorus models and is easily distinguished thanks to its OVERSIZE design and anodized finish.
The hub body, freewheel hub and axle are all in light alloy to ensure that riders can depend on a component combining optimized light weight with high crossways and torsion stiffness performance.
Bearing adjustment is extremely fast, thanks to a lock ring in special resin, which allows tolerances to be adjusted even with the wheel mounted on the bike.
Internal components are standardized (front/rear hub, right/left side bearings) and identical to Record and Chorus hubs.
Weighing in at just 260 g, this hub is truly the leader in its class.

New Daytona Pedal

The Daytona pedal has an axle in burnished steel, with two high-precision radial bearings. This system has a very elegant dark Grey metallic finish, while the LH pedal is perfectly dimensioned to house the pedal cadence magnet of the ErgoBrain integrated computer.
The features are identical to those, which have won such a high regard among professionals with the other Pro-Fit models. Elegant and compact in design equally ensures high comfort even on long rides. Very low weight, effortless foot positioning, adjustable release tension and with two different cleats (fixed or float), these pedals offer exceptional value.



Daytona Bottom Bracket

The bottom bracket on the Daytona groupset is a cartridge design with cups in light alloy and a hollow axle to reduce weight. Without any effects to the lateral and axial stiffness of the unit. An optional bottom bracket is also available offering the same features but with a solid axle.

Veloce



Veloce, the extraordinarily successful mid-range groupset, ever popular with young riders and enthusiasts looking for overall Campagnolo quality at an exceptional quality-price ratio, is substantially unchanged for 2000.
A minor innovation is the availability of the sprockets in two different finishes and options for the bottom bracket, with cups in light alloy or steel.



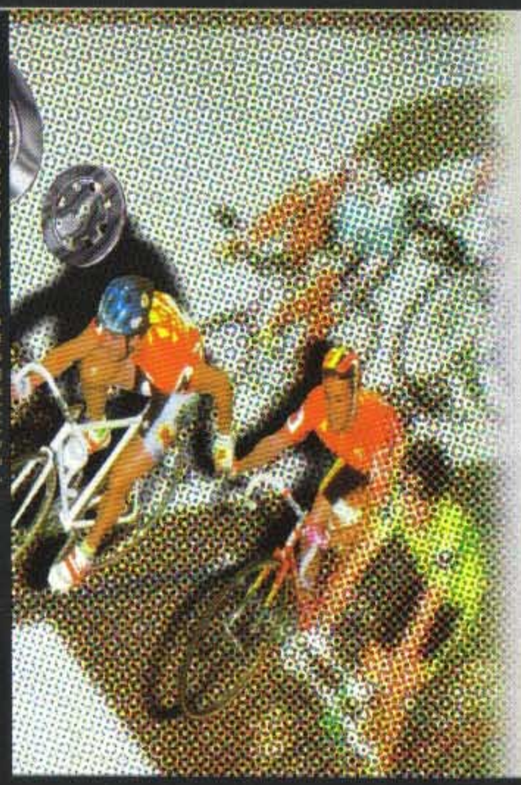
Campagnolo

Mirage

groupset

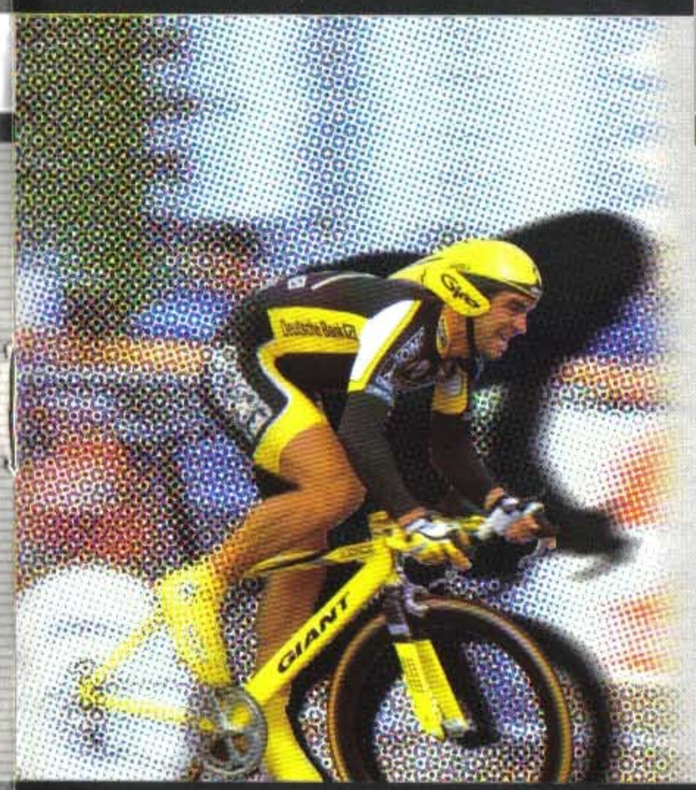
TECHNOLOGY AND EMOTION

The workhorse of an enormous number of mid-range bikes. These components have enabled many enthusiasts to approach the world of racing bikes with a competitive price. At the same time enjoying the benefits of quality, reliability and durability, which is typical of all Campagnolo products. The Mirage range is also largely unchanged. The exception being the new Ergopower controls which has a body and levers in composite material. This demonstrates once again how technology and innovation designed, developed and implemented in its high-end products is put into use throughout the entire Campagnolo range of products.



Record Pista

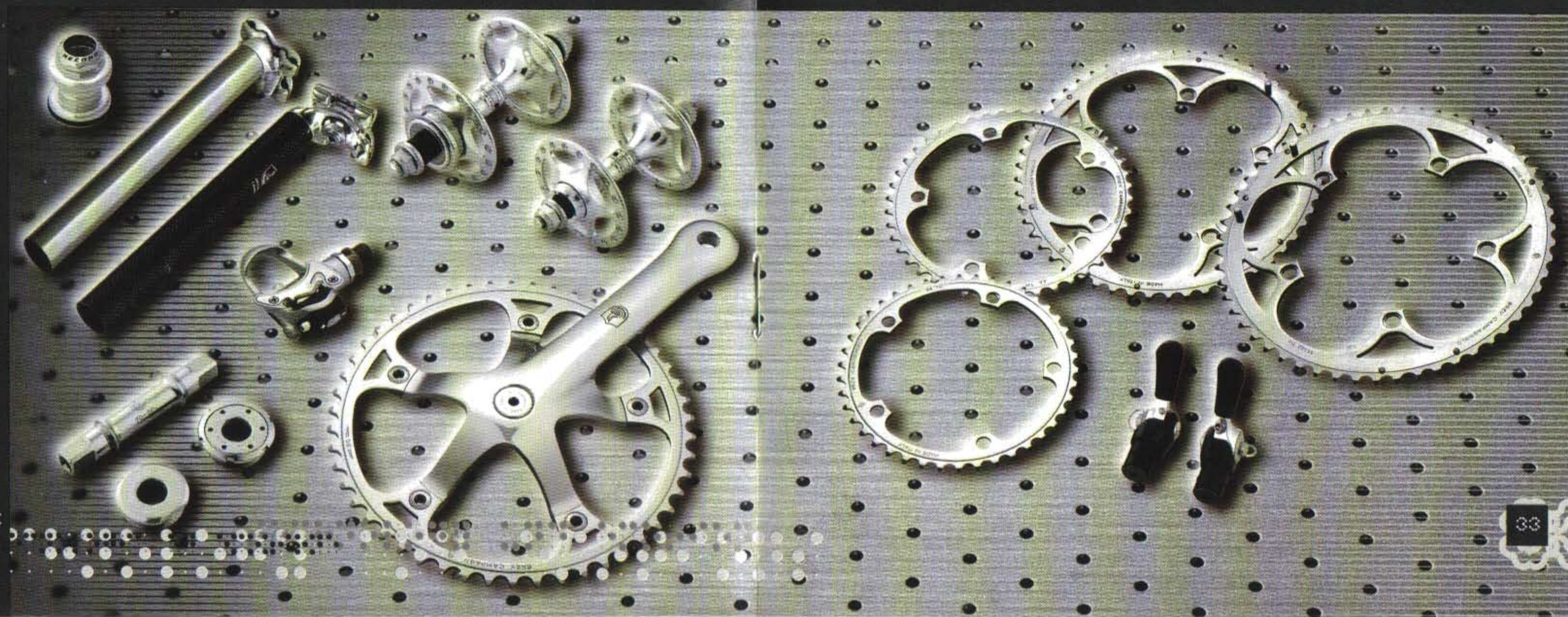
Thanks to innumerable victories in velodromes all over the world, Campagnolo's Track groupset is still the incomparable benchmark for riders in this demanding field.
This year, tried and tested components are joined by a seat post with a carbon fiber tube. Launched with the road-racing Record groupset, flanking the Titanium version introduced last year.



Campagnolo

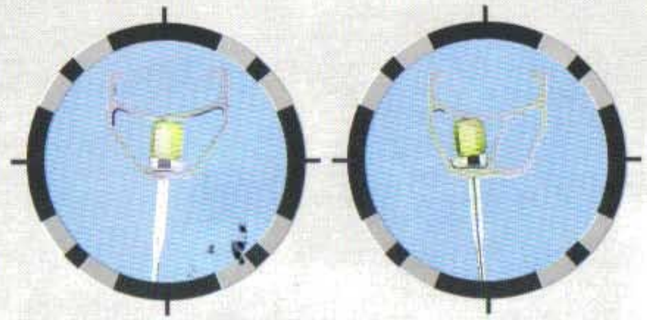
Chrono/Triathlon

Road-racing time trials and Triathlon events share the same highly aerodynamic position. At times even necessitates the use of "bar-end" shifters in place of the Ergopower controls. Needed to be able to make gear changes without having to move the arms from the aerodynamic supports. Moreover, 26" wheels have proved rather popular in both these fields, although requiring larger chainrings to compensate the smaller circumference of the wheel. The oversize Exa-Drive type chainrings ensure smooth and precise gear changes thanks to the miniature pins and the special machine processing of the teeth.



(Climb-Dynamic wheels)

TECHNOLOGY AND EMOTION



Climb-Dynamic wheels

Climb-Dynamic low-profile wheels are at the top of the market thanks to their special features. These unique wheels combine uncompromisingly low weight, strength and reliability. Performances based on a series of innovations in keeping with the Campagnolo tradition. This involves the constant research into improvements of mechanical efficiency, and weight reduction while never sacrificing the rider's safety.

Rims

The rims of the Climb-Dynamic wheels are designed to ensure a single, modern "build". A combination of a complete series of innovations intended to achieve the highest performance possible. Only the best aluminum alloy materials are used for the extrusions.

The "polygonal" shape of the cross-section ensures high structural strength at the same time reducing overall weight and using fewer spokes compared with conventional wheels. The sidewall is turned after anodizing to ensure safe, powerful braking performance whatever the riding conditions. The dimensions and positioning of the braking surfaces are standardized throughout the range. This provides a very fast wheel change, since there is never any need to adjust the brake shoes.
Major research was carried out into the lateral and vertical forces of tension on rims, and spokes. This made it possible to view the product in a different light compared with the accepted state of the art. The rear wheel, in view of the inherent weakness caused by the unfavorable dishing, can only be improved by diversifying it in comparison with the front wheel.

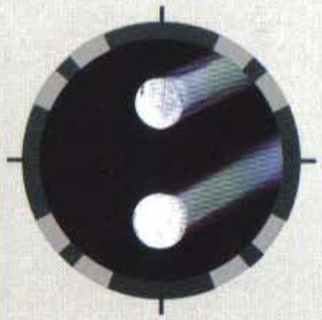
CAMPAGNOLO NUCLEON

CAMPAGNOLO ELECTRON

The completely redesigned rim therefore has an asymmetrical drilling, and crossway reinforcement. The spoke fitting point is moved to the left of the rim by 3 mm, thereby ensuring unprecedented wheel stability, balance and lateral strength.
The rim of the front wheel, with its balanced, symmetrical tensional structure, maintains all the traditional Campagnolo features of reliability, lightness and durability.

Spokes

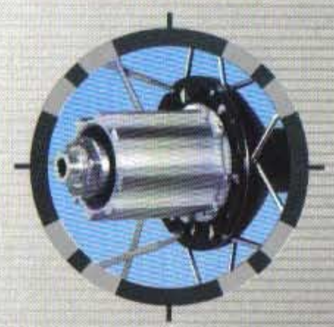
The efforts made to improve the rims would have been rather pointless without also making equal efforts to improve the features of the spokes.
First, "ULTRALINEAR" geometry was introduced, in which spoke bending problems have been eliminated. At both the hub and the rim the spokes are always perfectly straight. This is made possible by the fitting at the hub and the spherical nut-pad coupling replacing the old style nipple-eyelet system.
The complete elimination of any kind of curvature achieves two results: better structural stiffness at the same degree of tensioning and a lower risk of breakage caused by shear forces. The loads are now directed exclusively along the entire spoke length.
The spherical nut-pad coupling is self-orienting in order distribute spoke loading uniformly over the rim without having to perform delicate centering or alignment operations. The spokes are automatically positioned in the rim at the correct angle, thereby ensuring perfect alignment. A special aluminum alloy is used to ensure maximum reduction in weight for these nuts and plates.
The standardized dimensions of the spokes up to now involved unnecessary oversizing: tests have demonstrated how the spokes on the right side of the rear wheel are subjected to much higher tensional forces than the other spokes.



With this in mind, spokes have been introduced with a smaller cross-section for the front wheel and the left side of the rear wheel. Yet this lightness and increase in performance do not compromise safety: that's our guiding philosophy.

Hubs

The hubs mounted on Climb-Dynamic wheels were developed from the Record and Chorus projects and share their same high performance features. This special design and black finish make them instantly recognizable. Their design geometry means that a perfect interface can be achieved between the spoke and the hub body in complete accordance with the demands of "ULTRALINEAR" construction.



(Climb-Dynamic wheels)

Technology and emotion

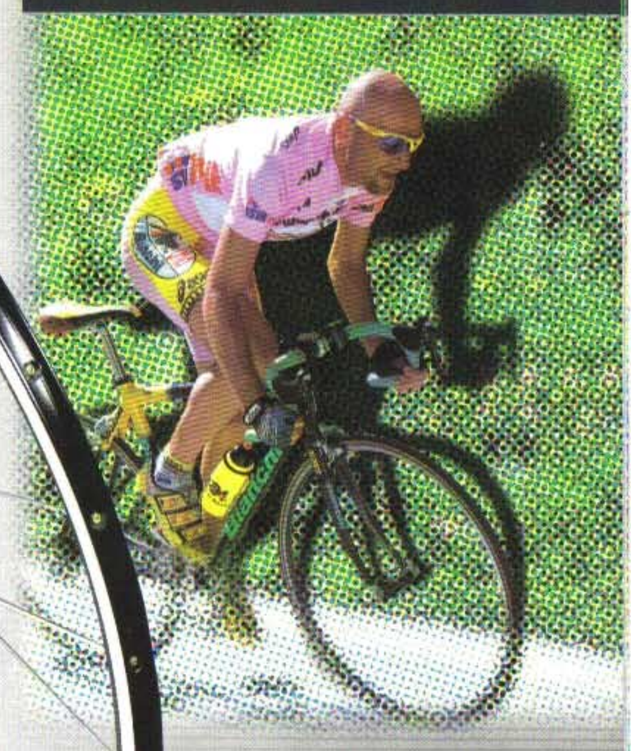


Nucleon

The weight factor alone highlights the position of absolute leadership for which this extraordinary wheel is sure to achieve 1520 gr./pair!
Lightness, lateral stiffness and sprinting performance combine to make this the ideal wheel for hill climbing. Comfort and control equally mean that they are superb wheels for everyday use, undoubtedly the ideal match for ultra-light, high-performance bikes.

Technical data:
- Differential, turned rims
- Differential, aerodynamic spokes
- HPW hubs derived from the new Record hubs
- Quick lubrication ports
- Pawl carrier and retainer in titanium
- Record quick-release
- 1520 gr./pair (tubular)
- 1580 gr./pair (clincher)

Nucleon





Nucleon

code	type	no. spokes	diameter	tire	tread	O.L.D.	weight gr.
WH99-NUTF*	front, road	22 aero	28"/700C	tubular	20	100	640
WH99-NUCF**	front, road	22 aero	28"/700C	clincher	20	100	670
WH99-NUTR*	rear, road 9 speed	24 aero	28"/700C	tubular	20	130	880
WH99-NUCR**	rear, road 9 speed	24 aero	28"/700C	clincher	20	130	910

*WH99-NUTF+R= pair of wheels (front+ rear, tubular) packed together
**WH99-NUCF+R= pair of wheels (front+rear, clincher) packed together

(Climb-Dynamic wheels)

TECHNOLOGY AND EMOTION



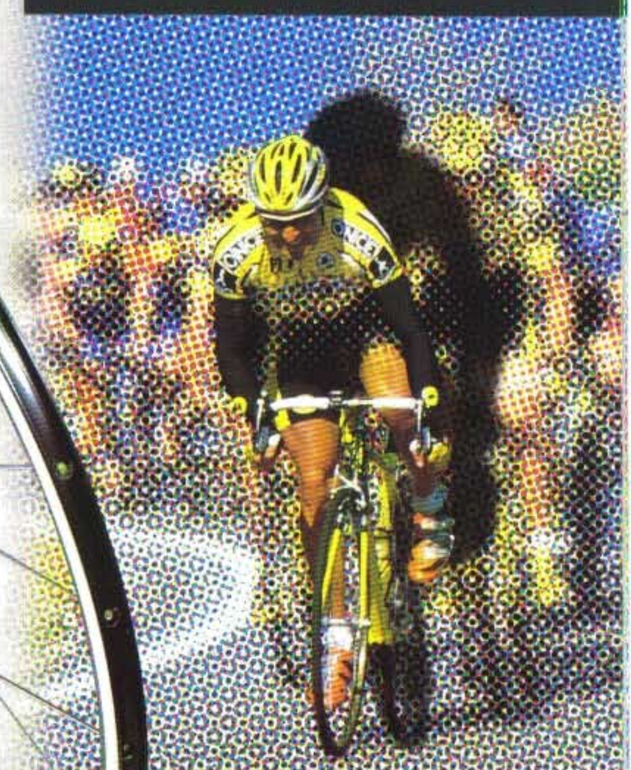
Electron

The all-purpose Electron wheel completes the Climb-Dynamic range. This is an ideal wheel for long rides, hill climbing time trials and cross-country, thanks to its intrinsic features of lightness and stiffness. A lightweight wheel, which combines all the latest innovations in the Campagnolo wheel, ranges.

Technical data:

- Differential, turned rims
- Differential, round cross-section spokes
- HPW hubs derived from the new Chorus hubs
- Steel pawl carrier and retainer
- Record quick-release
- 1640 gr./pair

Electron





Electron

code	type	No. spokes	diameter	tire	tread	O.L.D	weight g
WH99-ELCF*	front, road	22	28"/700C	clincher	20	100	700
WH99-ELCR*	rear, road 9 speed	24	28"/700C	clincher	20	130	940

* WH99-ELCF+R = pair of wheels (front+rear) packed together

In view of the variations in the thickness of the extrusions used to manufacture the rims, the weights listed are "indicative" and subject to slight variations.

(Fluid-Dynamic wheels)

TECHNOLOGY AND EMOTION



BORA

SHAMAL

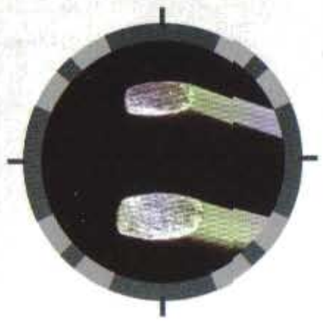
VENTO

Fluid-Dynamic wheels

The high-profile Fluid-Dynamic wheels boast a full range of features, which have made them the benchmark for the entire industry. They bring together speed, strength and durability. They are especially suited to fast, smooth rides, triathlon events and time trials.

Rims

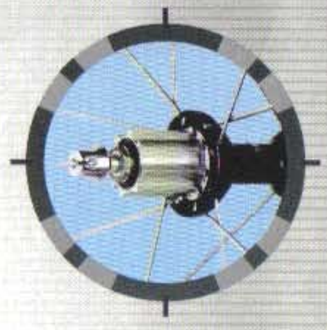
Fluid-Dynamic wheel rims are built with every possible care and attention to combine the best features traditionally found in Campagnolo aerodynamic wheels. The quality of finishing and materials are the very best attainable with current techniques. The braking surface is turned after anodizing to ensure safe, powerful performance whatever the riding conditions. At the same time, the dimensions and positioning of the braking surfaces are standardized across the entire Climb and Fluid-Dynamic range. This ensures instant wheel change since there is absolutely no need to re-adjust the brake shoes.



Spokes

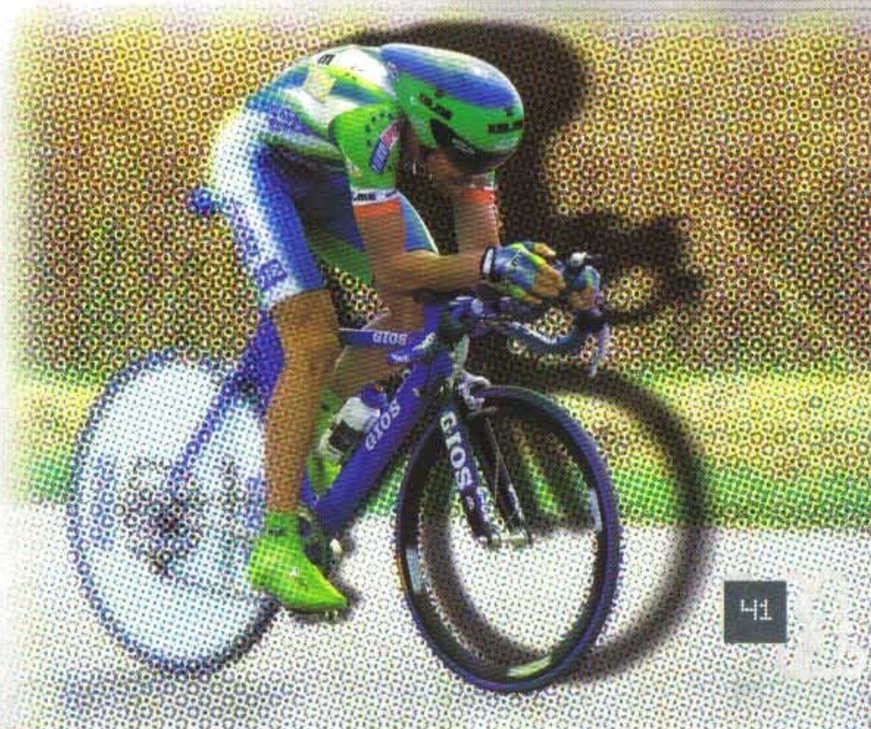
Fluid-Dynamic wheels, beginning with the Shamal, incorporate the "ULTRALINEAR" geometry. This eliminates spoke bending at the hub flange and rim fitting positions. The spoke is always held perfectly straight along its entire length. This means that the spokes function entirely under traction, without any kind of bending which would otherwise compromise their strength and weaken the overall structure of the wheel.
The spherical, self-orienting nut-pad coupling means that spokes can be fitted to the rim more efficiently.
The spokes are automatically positioned in perfect accordance with the "ULTRALINEAR" concept. This also overcomes a number of drawbacks associated with the nipple-bushing design. The new system is lighter (special aluminum alloys), generates fewer stresses and distributes spoke loading more uniformly over the rim.

Differential spoke design has made it possible to achieve a substantial reduction in the weight of the wheels. Only the spokes on the freehub side of the rear wheel have the structural necessity to maintain conventional dimensions. While all the others can have smaller cross-sections without affecting reliability and safety. A simple, yet very creative concept.



Hubs

The hubs mounted on Bora, Shamal and Vento wheels are based on the Record and Chorus projects. They share their internal components, performances and materials. The classic HPW design, black color finish and construction details all of which ensure perfect coupling between the spokes, and the hub body. All these features common to the entire Fluid-Dynamic range.



(Fluid-Dynamic wheels)

TECHNOLOGY AND EMOTION

Bora



Bora

The flagship competition wheel in the Fluid-Dynamic range! It has a highly aerodynamic, stiff rim built in structural carbon fiber. The design is 50 mm in height and high braking quality is ensured by an aluminum surface. The Bora wheel is highly regarded in top-level competition use, were unparalleled performances are vitally important.

Technical data:
- Carbon fiber rim with 50 mm profile and braking surface in aluminum
- Differential, aerodynamic spokes
- HPW hubs derived from the new Record hubs
- Quick lubrication ports
- Pawl carrier in titanium
- Record quick-release
- 1560 gr./pair

Shamal



Shamal

The Shamal wheel embraces all the concepts of the Fluid-Dynamic range and is ideal for fast circuits and whenever aerodynamics is fundamental.
A 38-mm profile has been retained for the top-of-the-range aluminum alloy wheel.

Technical data:
- 38 mm turned rim
- Differential, aerodynamic spokes
- HPW hubs derived from the new Record hubs
- Quick lubrication ports
- Pawl carrier in titanium
- Record quick-release
- 1890 gr./pair (tubular)
- 1950 gr./pair (clincher)

Bora

code	type	No. spokes	diameter	tire	tread	O.L.D	weight gr.
WH99-BOTF*	front, road	14	28"/700C	tubular	19	100	680
WH99-BOTR*	rear, road 9 speed	16	28"/700C	tubular	19	130	880

*WH99-BOTF+R = pair of wheels (front+rear tubular) packed together

Shamal

code	type	No. spokes	diameter	tire	tread	O.L.D	weight gr.
WH99-SMTF*	front, road	14	28"/700C	tubular	20	100	860
WH99-SMCF**	front, road	14	28"/700C	clincher	20	100	890
WH99-SMTR*	rear, road 9 speed	16	28"/700C	tubular	20	130	1.030
WH99-SMCR**	rear, road 9 speed	16	28"/700C	clincher	20	130	1.060

*WH99-SMTF+R = pair of wheels (front+rear tubular) packed together
**WH99-SMCF+R= pair of wheels (front+rear clincher) packed together

(fluid-dynamic wheels)

TECHNOLOGY AND EMOTION

Vento



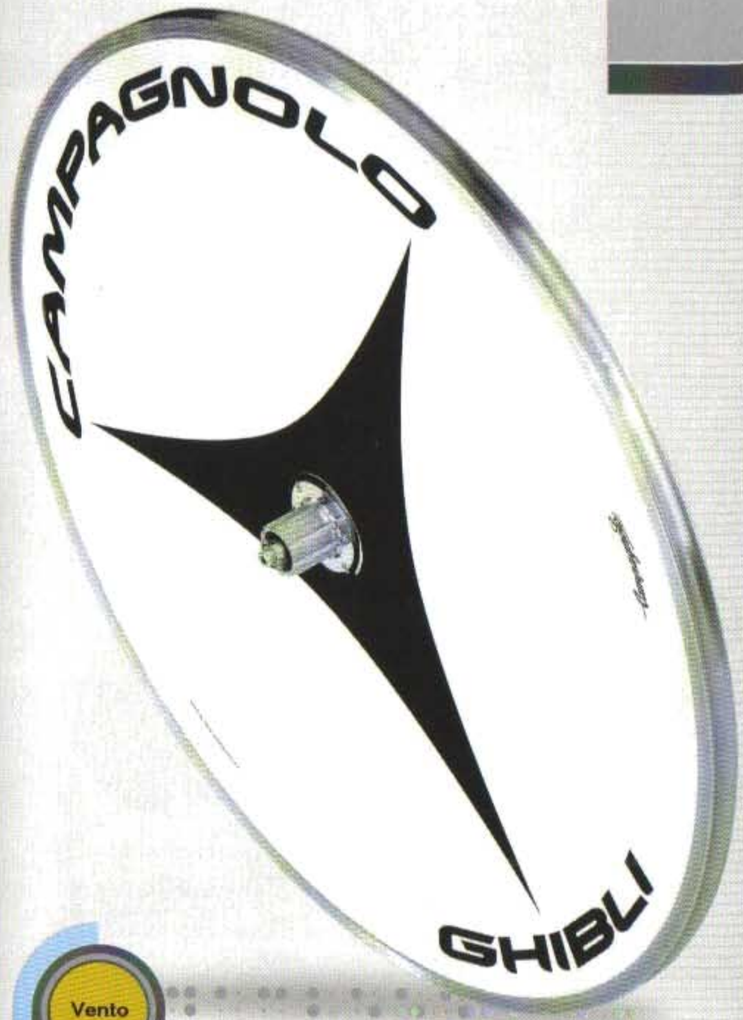
Vento

A wheel based on all the leading-edge technology of the top-end of the range to meet the needs of riders looking for the aerodynamic performances typical of the products in this family. It is highly regarded by amateur riders who nevertheless seek significant increases in performance levels. The 38-mm profile is based on the Shamal design.

Technical data:

- 38 mm turned rim
- Aerodynamic spokes with constant cross-section
- HPW hubs derived from the new Chorus hubs
- Steel pawl carrier
- Record quick-release
- 1980 gr./pair

Ghibli





Ghibli

Ghibli – is the "no-compromise" competition wheel by definition. It is designed to offer the highest possible performance obtainable within the limits of current technology. Considered "number one" by professional riders and triathlon specialists around the world. Now, this year the road-racing version is 100 g lighter thanks to its new oversize hub based on the Record series. With the axle in light alloy, it further improves the already extraordinary stiffness of the wheel.

Vento

code	type	No. spokes	diameter	tire	tread	O.L.D.	weight gr.
WH99-VECF*	front, road	14	28"/700C	clincher	20	100	900
WH99-VECR*	rear, road 9 speed	16	28"/700C	clincher	20	130	1.080

*WH99-VECF+R = pair of wheels (front+rear) packed together

Ghibli

code	type	diameter	tire	tread	O.L.D.	weight gr.
WH99-GHPF26	front, track	26"/650C	tubular	18	100	863
WH99-GHPF28	front, track	28"/700C	tubular	18	100	954
WH99-GHPR28	rear, track lt. or BSC thread	28"/700C	tubular	18	120	1.040
WH00-GHR28	rear, road 8Speed (9 Speed spacing)	28"/700C	tubular	18	130	1.015

In view of the variations in the thickness of the extrusions used to manufacture the rims the weights listed are "indicative" and subject to slight variations.

Barcelona

Montreal

Rims

The Campagnolo range also includes two rims: Barcelona and Montreal.

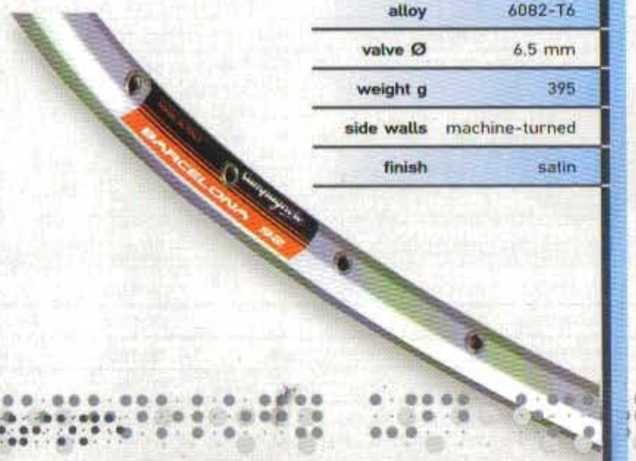
Both are low-profile rims exploiting the highly successful features of the Climb-Dynamic wheels on which they are based.

The braking surface is machined after anodizing and standardized with the wheel range as regards position and dimensions.

One difference is the use of classic bushings and the number of holes used to interface with the main hubs available on the marketplace.



Code	C-BA01SA
Height	15 mm
tread	20 mm
tire	tubular
Ø ETRTO	632 mm
drilling	28-32-36
eyelets	yes
alloy	6082-T6
valve Ø	6.5 mm
weight g	395
side walls	machine-turned
finish	satin

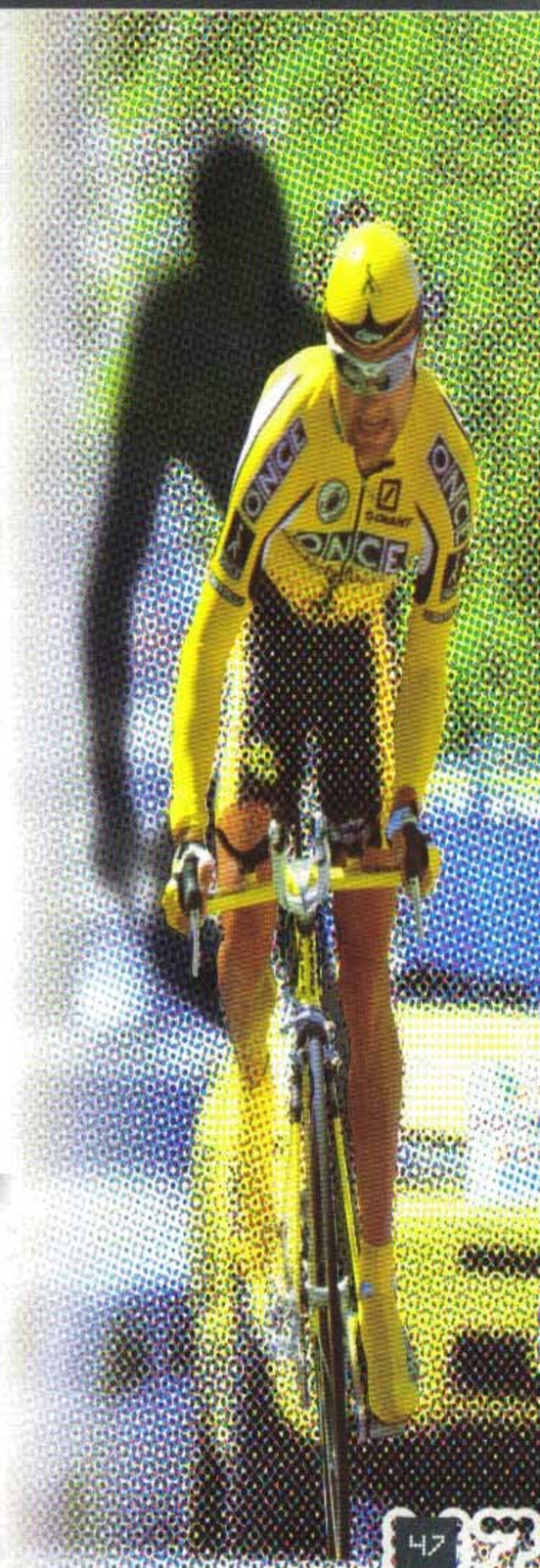




Code	C-MO11SA
Height	19 mm
tread	20 mm
tire	clincher
Ø ETRTO	622 mm
drilling	28-32-36
eyelets	yes
alloy	6082-T6
valve Ø	6.5 mm
weight g	420
side walls	machine-turned
finish	satin



In view of the variations in the thickness of the extrusions used to manufacture the rims, the weights listed are "indicative" and subject to slight variations.





New after-market packaging

Brand new after-market packaging has been developed for the 2000 range, differing from the previous in terms of both appearance and substance.
High-impact graphics in black and silver, with product names in bold colors, supremely combine the determination of sport and classic elegance to create a modern, high-tech product image.

The new packaging is very sturdy and designed for easy conversion into display systems, thereby improving product presentation and promotion. In fact, not only can the upper section of the packaging be raised and folded to create a background but also even the interiors have been conceived to enhance product design.





All Campagnolo wheels are supplied with a carrier bag.

RECORD 2000

COMPONENT	WEIGHT g.	DESCRIPTION
REAR DERAILLEUR	213	9 Speed - Anodized - Max. sprocket: 26 teeth - Capacity: 27 teeth - Titanium hanger and pivot bolt
TRIPLE REAR DER. *(RACING T)*	259	9 Speed - Anodized - Max. sprocket: 28 teeth - Capacity: 37 teeth
FRONT DERAILLEUR		For double crankset - Capacity: 15 teeth - Max. chainring: 54 teeth - Adjustable spring - Lightened fork
	89	Braze-on
	102*	Clip-on Ø 28.6 mm - Ø 32 mm - Ø 35 mm
TRIPLE FRONT DER. *(RACING T)*		For triple crankset - Capacity: 22 teeth - Max. chainring: 52 teeth - Anodized
	107	Braze-on
	114*	Clip-on Ø 28.6 mm - Ø 32 mm - Ø 35 mm
ERGOPOWER	342	Carbon body -Composite levers - Ball bearings - Light alloy hardware - Triple compatible Cables and pre-lubricated casings - No brake housing ferrules - ErgoBrain computer ready
SHIFTING LEVERS	74	9 Speed - Indexed
FRONT HUB	181*	O.L.D.: 100 mm - Holes: 28/32/36 - Adjustable bearings - Light alloy axle and body Quick-release with aluminum lock nuts - Lubrication port
REAR HUB	316*	O.L.D.: 130 mm - Holes: 28/32/36 - Light alloy body, axle and freewheel body (MK2) - Titanium pawl-carrier - "oversize" lockring (thread 27 x 1) - Quick-release with aluminium lock nuts - Lubrication port
STEEL/TI SPROCKETS	182*	9 Speed Exa-Drive MK2 - Steel/Ti - Nichel-chromed - With light alloy carrier Combinations: 11/21 - 11/23 - 12/21 - 12/23 - 13/23 - 13/26 - Supplied without lockring
TITANIUM SPROCKETS	132*	9 Speed Exa-Drive MK2 - Titanium - With light alloy carrier Combinations: 12/21 - 12/23 - 13/23 - 13/26 - Supplied without lockring
TITANIUM LOCKRING	10	"oversize" - Thread: 27 x 1
CHAIN	300	9 Speed - "Floating Link Action" - Chrome-Nickel-Teflon finish - 114 links - 8 Speed compatible
CRANKSET	632*	Anodized - Light Alloy fixing bolts and nuts - L. 170 - 172.5 - 175 mm Exa-Drive chainrings: 39 x 52 - 42 x 52 - 39 x 53
TRIPLE CRANKSET *(RACING T)*	735*	Anodized - L. 170 - 175 mm - Exa-Drive chainrings: 30 x 40 x 50 - 30 x 42 x 52

RECORD 2000

COMPONENT	WEIGHT g.	DESCRIPTION
BOTTOM BRACKET	190*	Carbon fibre sealed catridge - Aluminum cups - "oversize" hollow axle IT 36 x 24 tpi - BC 1.370 x 24 tpi For double crankset - Axle L 102
BOTTOM BRACKET *(AC-H)*	288*	Sealed cartridge - Aluminum cups - Hollow axle - IT 36 x 24 tpi - BC 1.370 x 24 tpi For triple crankset for frame with Ø 28.6 mmm seat tube - Axle L. 111 For triple crankset for frame with Ø 32 or 35 mmm seat tube - Axle L. 115.5
PEDALS	265	QR - PRO-FIT - With floating cleats - Thread: 9/16 " x 24 tpi - Titanium axle - 3 bearings Adjustable release tension - the left axle is compatible with the "ErgoBrain" magnet
BRAKES	355	Dual-Pivot - Height: 39÷50 mm - Stainless steel ball bearings - Orbital adjustment - Anodized finishing Alloy and Titanium small parts
BRAKE LEVERS	267	Anodized finishing
TITANIUM SEAT POST	195	With screw and nut - 250 mm - Titanium tube - Light alloy head - Ø 27.2
CARBON SEAT POST	180	With screw and nut - 250 mm - Carbon fibre tube - Light alloy head - Ø 27.2
HEADSET	104	Thread BC 1" x 24 tpi - Total height: 36.5 - Grease-port for fast lubrication - Anodized
THREADLESS HEADSET	110	Threadless Ø 1" (25.4mm) - Height: 24,5 mm - "Self Centering Bearing System" Grease-port for fast lubrication - Carbon cover Light alloy fixing screw
THREADLESS HEADSET 1 1/8"	118	Threadless Ø 1 1/8" - Height: 24,5 mm - "Self Centering Bearing System" Grease-port for fast lubrication - Carbon cover Light alloy fixing screw
CABLE GUIDE PLATE	9	Stainless steel with QPQ treatment

*** The nominal weight refers to: Ø 32mm clip-on front derailleur, 12/21 sprocket set with lockring, 12/21 Titanium sprocket set with Titanium lockring, double crankset L. 170 – 39/53, triple crankset L. 170 – 30/42/52, 32 holes hub with quick-release, BC bottom bracket L. 102**

CHORUS 2000

COMPONENT	WEIGHT g.	DESCRIPTION
REAR DERAILLEUR	227	9 Speed - Anodized - Max. sprocket: 26 teeth - Capacity: 27 teeth
TRIPLE REAR DER. *(RACING T)*	259	9 Speed - Anodized - Max. sprocket: 28 teeth - Capacity: 37 teeth
FRONT DERAILLEUR		For double crankset - Capacity: 15 teeth - Max. chainring: 54 teeth
	87	Braze-on
	100*	Clip-on Ø 28,6 mm - Ø 32 mm - Ø 35 mm
TRIPLE FRONT DER. *(RACING T)*		For triple crankset - Capacity: 22 teeth - Max. chainring: 52 teeth - Anodized
	107	Braze-on
	114*	Clip-on Ø 28,6 mm - Ø 32 mm - Ø 35 mm
ERGOPOWER	365	Carbon body - Anodized levers - Ball bearings - Light alloy hardware - Triple compatible Compensation springs Cables and pre-lubricated casings - No brake housing ferrules ErgoBrain computer ready
SHIFTING LEVERS	74	9 Speed - Indexed
FRONT HUB	180*	O.L.D.: 100 mm - Holes: 32/36 - Adjustable bearings - Light alloy axle and body Quick-release with aluminum lock nuts
REAR HUB	326*	O.L.D.: 130 mm - Holes: 32/36 - Light alloy body, axle and freewheel body (MK2) "oversize" lockring (thread 27 x 1) – Quick-release with aluminium lock nuts
STEEL SPROCKETS	197*	9 Speed Exa-Drive MK2 - Steel - Nichel-chromed - Light alloy carrier Combinations: 12/21 - 12/23 - 13/23 - 13/26 - Without lockring
TITANIUM SPROCKETS *(RECORD)*	132*	9 Speed Exa-Drive MK2 - Titanium - Light alloy carrier Combinations: 12/21 - 12/23 - 13/23 - 13/26 - Without lockring
TITANIUM LOCKRINGS	10	"oversize" - Thread 27 x 1
CHAIN *(RECORD)*	300	9 Speed - "Floating Link Action" - Chrome-Nichel-Teflon finish - 114 links - 8 Speed compatible
CRANKSET	667*	Anodized - L. 170 -172,5-175 mm - Exa-Drive chainrings: 39x52 - 42x52 - 39x53
TRIPLE CRANKSET *(RACING T)*	735*	Anodized - L. 170 - 175 mm - Exa-Drive chainrings: 30 x 40 x 50 - 30 x 42 x 52

CHORUS 2000

COMPONENT	WEIGHT g.	DESCRIPTION
BOTTOM BRACKET	220*	Light alloy sealed cartridge - Aluminum cups - Hollow axle - IT 36x24 tpi - BC 1.370x24 tpi For double crankset - Axle L 102
BOTTOM BRACKET *(AC-H)*	288*	Sealed cartridge - Aluminum cups - Hollow axle - IT 36x24 tpi - BC 1.370x24 tpi For triple crankset for frame with Ø 28,6 mm seat tube - Axle L. 111 For triple crankset for frame with Ø 32 or 35 mm seat tube - Axle L. 115,5
PEDALS	325	QR - PRO-FIT - With floating cleats - Thread: 9/16 " x 24 tpi - Adjustable cups and cones Adjustable release tension the left axle is compatible with the "ErgoBrain" magnet
BRAKES	380	Dual-Pivot - Height: 39÷50 mm - Ball bearings - Orbital adjustment - Anodized
BRAKE LEVERS	267	Anodized
SEAT POST	230	With screw and nut - 250 mm - Steel tube - Light alloy head - Ø 27,2
HEADSET	106	Thread BC 1" x 24 tpi - Total height: 36,5 - Grease-port for fast lubrication - Anodized
THREADLESS HEADSET	111	Threadless Ø 1" (25,4mm) - Height : 24,5 mm - "Self Centering Bearing System"
CABLE GUIDE PLATE	9	Stainless steel with QPQ treatment

*** The nominal weight refers to: Ø 32mm clip-on front derailleur, 12/21 sprocket set with lockring, 12/21 Titanium sprocket set with Titanium lockring, double crankset L. 170 – 39/53, triple crankset L. 170 – 30/42/52, 32 holes hub with quick-release, BC bottom bracket L. 102.**

DAYTONA 2000

COMPONENT	WEIGHT g.	DESCRIPTION
REAR DERAILLEUR	237	9 Speed - Anodized - Maximum sprocket: 26 teeth - Capacity: 27 teeth
TRIPLE REAR DER.	259	9 Speed - Anodized - Maximum sprocket: 28 teeth - Capacity: 37 teeth
FRONT DERAILLEUR		For double crankset - Capacity: 15 teeth - Max. chainring: 54 teeth – Anodized
	93	Braze-on
	100*	Clip-on Ø 28.6 mm - Ø 32 mm
TRIPLE FRONT DER.		For triple crankset - Capacity: 22 teeth - Max. chainring: 52 teeth - Anodized
	107	Braze-on
	114*	Clip-on Ø 28.6 mm - Ø 32 mm
ERGOPOWER	399	Triple compatible - Anodized levers - Lightened shifting lever – Cables and pre-lubricated casings No brake housing ferrules - ErgoBrain computer ready
FRONT HUB	186*	O.L.D.: 100 mm - Holes: 32/36 - light alloy hub body and axle Adjustable bearings
REAR HUB	332*	O.L.D.: 130 mm - Holes: 32/36 9 Speed light alloy freewheel body, hub body and axle
SPROCKETS *(CHORUS)*	197*	9 Seed Exa-Drive MK2 - Steel - With light alloy carrier - Nickel-chromed Combin.: 12/21 - 12/23 - 13/23 - 13/26 - without lockring
SPROCKETS *(ED-C)*	237*	9 Speed Exa-Drive - Steel - Nickel-chromed Combin.: 11/23-12/23-13/23 - 13/26 - 13/28
CHAIN	300	9 Speed - "Floating Link Action" - Nickel-chrome finish - Burnished inner links and rollers 114 links - 8 Speed compatible
CRANKSET	646*	Anodized - L. 170 - 172.5 - 175mm Exa-Drive chainrings: 39 x 52 - 42 x 52 - 39 x 53
TRIPLE CRANKSET *(RACING T)*	735*	Anodized - L. 170 - 175mm Exa-Drive chainrings: 30 x 40 x 50 - 30 x 42 x 52

DAYTONA 2000

COMPONENT	WEIGHT g.	DESCRIPTION
BOTTOM BRACKET *(AC-H)*	288*	Sealed cartridge - Aluminum cups - Hollow axle - IT 36 x 24 tpi - BC 1.370 x 24 tpi For double crankset - For triple on Ø 28.6 mm seat tube frames - Axle L 111 For triple crankset on Ø 32 or 35 mm seat tube frames - Axle L. 115.5
BOTTOM BRACKET *(AC-S)*	299*	Sealed cartridge- Aluminum cup - Solid axle - IT 36 x 24 tpi - BC 1.370 x 24tpi For double crankset - For triple on Ø 28.6 mm seat tube frames - Axle L 111
PEDALS	310	QR - PRO.FIT - With floating cleats - Thread: 9/16 " x 20 tpi - Steel axle - 2 bearings Adjustable release tension - The left axle is compatible with the "ErgoBrain" magnet
BRAKES	374	Dual-Pivot - Height: 39÷50 mm - Brake pad shoes with orbital adjustment - Anodized
CABLE GUIDE PLATE	6.5	Resin - To fit under bottom bracket shell

*** The nominal weight refers to: Ø 32 mm clip-on front derailleur, 12/21 Chorus sprocket set with lockring, 12/23 ED-C sprocket set with lockring, double crankset L. 170 – 39/53, triple crankset L. 170 – 30/42/52, 32 holes hub with quick-release, BC bottom bracket L. 111.**

VELOCE 2000

COMPONENT	WEIGHT g.	DESCRIPTION
REAR DERAILLEUR	251	9 Speed - Anodized - Maximum sprocket: 28 teeth - Capacity: 27 teeth
TRIPLE REAR DER.	268	9 Speed - Anodized - Maximum sprocket: 28 teeth - Capacity: 37 teeth
FRONT DERAILLEUR *(DAYTONA)*		For double crankset - Capacity: 15 teeth - Max. chainring: 54 teeth - Anodized
	93	Braze-on
	100*	Clip-on Ø 28.6 mm - Ø 32 mm
TRIPLE FRONT DER. *(DAYTONA)*		For triple crankset - Capacity: 22 teeth - Max. chainring: 52 teeth - Anodized
	107	Braze-on
	114*	Clip-on Ø 28.6 mm - Ø 32 mm
ERGOPOWER	402	Triple compatible - Anodized levers - Cables and pre-lubricated casings - No brake housing ferrules ErgoBrain computer ready
FRONT HUB	241	O.L.D.: 100 mm - Holes: 32/36 - Sealed bearings - Polished
REAR HUB	458	O.L.D.: 130 mm - Holes: 32/36 - 9 Speed light alloy freewheel body Sealed bearings - Polished
SPROCKETS *(ED-C)*	237*	9 Speed Exa-Drive - Steel - Nickel-chromed Combinations: 11/23 - 12/23 - 13/23 - 13/26 - 13/28
SPROCKETS *(ED-Z)*	237*	9 Speed Exa-Drive - Steel - Galvanized Combinations: 12/23 - 13/23 - 13/26 - 13/28
CHAIN *(DAYTONA)*	300	9 Speed - "Floating Link Action" - Nickel-chrome finish - Burnished inner links and rollers 114 links - 8 Speed compatible
CRANKSET	659*	Anodized - L. 170 - 172.5 - 175 mm Exa-Drive chainrings: 39 x 53 - 42 x 52
TRIPLE CRANKSET	731*	Anodized - L. 170 - 175 mm Exa-Drive chainrings: 30 x 42 x 52

VELOCE 2000

COMPONENT	WEIGHT g.	DESCRIPTION
BOTTOM BRACKET *(AC-S)*	299*	Sealed cartridge - Solid axle - Aluminum cups - IT 36 x 24 tpi - BC 1.370 x 24 tpi For double crankset - For triple on Ø 28.6 mm seat tube frames - Axle L. 111 For triple crankset on Ø 32 or 35 mm seat tube frames - Axle L. 115.5
BOTTOM BRACKET *(SC-S)*	358*	Sealed cartridge - Solid axle - Steel cups - IT 36 x 24 tpi - BC 1.370 x 24 tpi For double crankset - For triple on Ø 28.6 mm seat tube frames - Axle L. 111 For triple crankset on Ø 32 or 35 mm seat tube frames - Axle L. 115.5
PEDALS *(DAYTONA)*	310	QR - PRO.FIT - With floating cleats - Thread: 9/16 " x 20 tpi - Steel axle 2 bearings - Adjustable release tension - The left axle is compatible with the "ErgoBrain" magnet
BRAKES	380	Dual Pivot - Height: 39÷50 mm - Anodized
CABLE GUIDE PLATE	6.5	Resin - To fit under bottom bracket shell

* The nominal weight refers to: Ø 32 mm clip-on front derailleur, 12/23 sprocket set with lockring, double crankset L. 170 – 39/53, triple cranksetL. 170 – 30/42/52, 32 holes hub with quick-release, BC bottom bracket L. 111.

MIRAGE 2000

COMPONENT	WEIGHT g.	DESCRIPTION
REAR DERAILLEUR	271	9 Speed - Anodized - Maximum sprocket: 28 teeth - Capacity: 26 teeth
TRIPLE REAR DER.	288	9 Speed - Anodized - Maximum sprocket: 28 teeth - Capacity: 37 teeth
FRONT DERAILLEUR		For double crankset - Capacity: 15 teeth - Max. chainring: 54 teeth - Anodized
	101	Braze-on
	115*	Clip-on Ø 28,6 mm - Ø 32 mm
TRIPLE FRONT DER.		For triple crankset - Capacity: 22 teeth - Max. chainring: 52 teeth - Anodized
	118	Braze-on
	132*	Clip-on Ø 28.6 mm - Ø 32 mm
ERGOPOWER	406	Triple compatible - Composite levers - Cables and pre-lubricated casings No brake housing ferrules - ErgoBrain computer ready
FRONT HUB	226*	O.L.D.: 100 mm - Holes: 32 / 36 - Sealed bearings
REAR HUB	447*	O.L.D.: 130 mm - 9 Speed light alloy freewheel body - Holes: 32 / 36 - Sealed bearings
SPROCKETS *(ED-Z)*	237*	9 Speed Exa-Drive - Steel - Galvanized - Combinations: 12/23 - 13/23 - 13/26 - 13/28
CHAIN *(DAYTONA)*	300	9 Speed - "Floating Link Action" - Nickel-chrome finish - Burnished inner links and rollers 114 links - 8 Speed compatible
CRANKSET *(VELOCE)*	659*	Anodized - L. 170 - 172,5 - 175 mm Exa-Drive chainrings: 39 x 53 - 42 x 52
TRIPLE CRANKSET *(VELOCE)*	731*	Anodized - L. 170 - 175 mm - Exa-Drive chainrings: 30 x 42 x 52
BOTTOM BRACKET *(SC-S)*	358*	Sealed cartridge - Solid axle - Steel cup - IT 36 x 24 tpi - BC 1.370 x 24 tpi For double crankset - For triple on Ø 28,6 mm seat tube frames - Axle L 111 For triple crankset on Ø 32 or 35 mm seat tube frames - Axle L. 115,5
PEDALS *(DAYTONA)*	310	QR - PRO.FIT - With floating cleats - Thread: 9/16 " x 20 tpi - Steel axle - 2 bearings Adjustable release tension - The left axle is compatible with the "ErgoBrain" magnet
BRAKES *(VELOCE)*	380	Dual-Pivot - Height: 39÷50 mm - Anodized
CABLE GUIDE PLATE	6,5	Resin - To fit under bottom bracket shell

*** The nominal weight refers to: Ø 32 mm clip-on front derailleur, 12/23 sprocket set with lockring, double crankset L. 170 – 39/53, triple crankset L. 170 – 30/42/52, 32 holes hub with quick-release, BC bottom bracket L. 111.**

RECORD PISTA

COMPONENT	WEIGHT g.	DESCRIPTION
FRONT HUB	240*	O.L.D.: 100 mm - Drilling: 32/36 - Big flanges
REAR HUB	331*	O.L.D.: 120 mm - Drilling: 32/36 - Big flanges - ISO thread
CRANKSET	592*	Crankarms: L. 165 - 170 mm Anodized Chainrings (3mm thick): 46 - 47 - 48 - 49 - 50 - 51 - 52
BOTTOM BRACKET	230	Symmetric hollow axle - IT 36 x 24 tpi - BC 1,370 x 24 tpi Axle L 111
PEDALS	265	QR - PRO.FIT - With floating cleats - Thread: 9/16 " x 24 tpi - Titanium axle - 3 bearings Adjustable release tension
SEAT POST	195	With screw and locking nut - 250 mm - Titanium tube - Light alloy head - Ø 27.2
HEADSET	104	Thread BC 1" x 24 tpi - Overall stacking height: 36.5 - Grease port - Anodized

SPECIAL COMPONENTS CHRONO/TRIATHLON

COMPONENT	WEIGHT g.	DESCRIPTION
CHAINRINGS	51*	42T - 44T - Inner - Exa-Drive system
	90*	54T (x 42) - 54T (x 44) - 55T (x 42) - 55T (x 44) - Outer - Exa-Drive system
BAR-END SHIFTING LEVERS	163	9 Speed

*** The nominal weight refers to: crankset L. 170 – 46T, 32 holes hub with quick-release, 42 T inner chainring, 54 T (x42) outer chainring.**

Campagnolo reserves the right to introduce any and all product modifications it considers necessary, without prior notice and without any obligation concerning informative data.

LIMITED WARRANTY (THREE YEARS)

Congratulations on your purchase of this genuine Campagnolo product. If any component of the this new Campagnolo product is found to be defective in materials or workmanship within the terms and conditions of this Limited Warranty (also referred to as the "Agreement"), the defective component will be repaired or replaced, at the option of Campagnolo s.r.l., free of charge, within thirty (30) days after receipt of the product by an authorized Campagnolo Service Center.

1. NOT COVERED
This warranty does not cover damage resulting from accidents, alteration, neglect, misuse or abuse, lack of reasonable or proper maintenance, corrosion, improper assembly, repairs improperly performed or replacement parts improperly installed, use of replacement parts or accessories not conforming to Campagnolo s.r.l.'s specifications, use of component parts not manufactured or supplied by Campagnolo s.r.l., modifications not recommended or approved in writing by Campagnolo s.r.l., normal wear and deterioration occasioned by the use of the product, activities such as acrobatics, competitive use or commercial use. This warranty also does not cover cosmetic imperfections in the surface, finish, or appearance of the product which were apparent or discoverable at the time of purchase of the product or damage occurring during shipment or transport of the product. This warranty also does not cover tools, lubricants, brake pads, and other consumables or any expenses related to the transportation of the product to or from an authorized Campagnolo Service Center, labor costs to remove the product from the bicycle, or compensation for inconvenience or loss of use while the product is being repaired or replaced.

2. PURCHASER
This warranty is made only with the original purchaser of the product and does not extend to any third parties. The rights of the Purchaser under this warranty may not be assigned.

3. TERM
The term of this warranty shall commence on the date of purchase and shall continue for a period of three (3) years.

4. ENTIRE AGREEMENT
This warranty supersedes any and all oral, express or written warranties, statements or undertakings that may previously have been made, and contains the entire Agreement of the parties with respect to the warranty of this product. Any and all warranties not contained in this Agreement are specifically excluded.

5. DAMAGES
Except as expressly provided by this warranty, Campagnolo s.r.l. SHALL NOT BE RESPONSIBLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES ASSOCIATED WITH THE USE OF THE PRODUCT OR A CLAIM UNDER THIS AGREEMENT, WHETHER THE CLAIM IS BASED ON CONTRACT, TORT OR OTHERWISE. The foregoing statements of warranty are exclusive and in lieu of all other remedies. Some states do not allow the exclusion or limitation of incidental or consequential damages, so this limitation or exclusion may not apply to you.

6. DISCLAIMER
ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE AND ALL IMPLIED WARRANTIES ARISING FROM A COURSE OF DEALING, USAGE OF TRADE, BY STATUTE OR OTHERWISE, IS HEREBY STRICTLY LIMITED TO THE TERM OF THIS WRITTEN WARRANTY. This agreement shall be the sole and exclusive remedy available to the Purchaser with respect to this purchase. In the event of any alleged breach of any warranty or any legal action brought by the purchaser based on alleged negligence or other tortuous conduct by Campagnolo s.r.l., the Purchaser's sole and exclusive remedy will be repair or replacement of defective materials as stated above. No dealer and no other agent or employee of Campagnolo s.r.l. is authorized to modify, extend or enlarge this warranty. The performance of any warranty service under this Agreement is not an admission or agreement that the design or manufacture of a product is defective.

7. PROCEDURE
In the event of a defect covered by this warranty, the purchaser should contact an authorized Campagnolo Service Center (service centers are listed in the catalogs, in the user's manuals and in Campagnolo's web-site) or :

Campagnolo s.r.l., Service Center, Via Della Chimica 4, 36100 Vicenza, Italy, Telephone: +39-0444-225604/5; Fax:+39-0444-225400; e-mail: service@campagnolo.com.

To be honored, claims must be submitted within the three year warranty period and within thirty (30) days of discovery of the defect or nonconformity. The determination whether the defect is covered by this warranty is within the sole discretion of Campagnolo s.r.l.
Campagnolo s.r.l. reserves the right to discontinue products and to change specifications for existing products at any time without notice and shall not be obligated to incorporate new features into products previously sold, even if those products are returned under a warranty claim. Campagnolo may replace defective parts with similar parts of similar quality in the event that identical parts are unavailable

The purchaser must obtain advance authorization in writing before returning any product to a Campagnolo Service Center for warranty inspection. A return authorization number will be issued and must conspicuously appear on the outside of the product's packaging. The issuance of an authorization number does not constitute acceptance of the claim, which will be evaluated by the Service Center upon its inspection of the product.

The product should be securely packed to prevent damage during shipment and must be accompanied by a letter specifying or including the following items of information:

a. dated receipt or other proof of date of retail purchase;
b. a copy of this warranty;
c. Campagnolo part number;
d. detailed description of the problem experienced with the product, including a chronology of efforts made to correct the problem;
e. identification of the components used in conjunction with the product;
f. estimate of product usage: (i.e. accumulated mileage or time in service); and
g. your name, address, and written authorization to ship the repaired product back to you freight collect ("C.O.D.").

8. OTHER RIGHTS
This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

9. APPLICABLE LAW
Any disputes arising out of this Agreement or the use of this product will be governed by the laws of the country of Italy and will be decided by the Courts of Vicenza, Italy.

10. WARNING
Always install, repair and use your product in strict compliance with Campagnolo's instructions and the product's owner's manual.

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