

*Campagnolo*

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Products Range



*Campagnolo*

05

Products Range

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**Dear Friend,**

We have tried to be precise but would like to apologize for any mistakes that there might be in this catalogue. We must also point out that we reserve the right to change products, surface finish and specifications at any moment without prior notice. For further information, please visit our site [www.campagnolo.com](http://www.campagnolo.com), which is regularly updated.

Campagnolo, Campy, Record, Chorus, EPS, CT, Centaur, Centaur Century Grey, Veloce, Mirage, Xenon, Hyperon, Hyperon Ultra, Neutron, Neutron Carbon, Proton, Eurus, Eurus Carbon, Zonda, Scirocco, Bora, Ghibli, Vento, Pista, Ergobrain, Ergobrain10, Superlative, Ultra, Floating-Link-Action, HD-Link, HD-L, Exa-Drive, Ultra-Drive, Pro-Fit, Pro-Fit PLUS, Differential brakes, Threadless, Hiddenset, Hiddenset TTC, TTC, Ergopower, Ergopower FB, Ergopower Flat Bar, BB System, C10, C9, ED, UD, HPW, G3, Ultralinear-Geometry, Ultralinear, Differential rims, Differential spokes, Asymmetric, AC-H, AC-S, SC-S, Pro-Shop, Tecnologia ed Emozione are Campagnolo Srl Trademarks

# 2004 PROFESSIONAL TEAMS



Damiano Cunego  
Team Saeco

Gilberto Simoni  
Team Saeco



Alessandro  
Petacchi  
Team Fassa  
Bortolo



Yaroslav Popovych  
Team Landbouwkrediet

Stefano Garzelli  
Team Vini Caldirola



Tyler Hamilton  
Team Phonak



David Moncoutie  
Team Cofidis



Ivan Quaranta  
Team Formaggi  
Pinzolo



## 2004 PROFESSIONAL TEAMS

A victory is the final outcome of the perfect combination between a rider and his bike. Professional riders give crucial importance to even the tiniest of details since, on tarmac, one gram, one deflection and one frictional force less, can make all the difference.

Campagnolo was born into and grew up in a racing world. The fact that it has been outfitting the bicycles of the world's ace riders for over 70 years is not at all a coincidence.

From Coppi to Bartali, through Merckx, Gimondi, Hinault, Fignon, Roche, Lemond, Indurain and up to our present-day champions Simoni, Petacchi, Hamilton, McEwen, Cunego...

Whether it's a multi-stage race, or a Northern classic or a time trial, Campagnolo is the reliable partner of top pro teams. Just as these teams are our best partners when it comes to testing new technologies and technical solutions. Only they, with thousands of kilometres in the most extreme conditions to their credit, are able to give us the feedback necessary to design our future products.

Campagnolo and the racing world are fully interdependent and neither one can exist without the other.



Magnus Backstedt  
Team Alessio



Axel Merckx  
Team Lotto-Domo



Robbie McEwen  
Team Lotto-Domo



# 2004 PROFESSIONAL TEAMS

Jurgen Vandewalle  
Team Chocolat  
Jacques



Renzo Mazzoleni  
Team Tenax



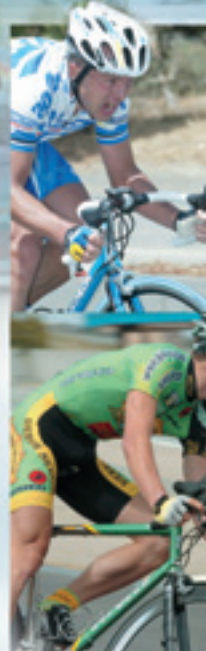
Team Amore e Vita

Fred Rodríguez  
Team Acqua & Sapone

Johan Van Summeren  
Team Relax Bodysol



Jann Kirsipuu  
Team AG2R



Jacques-Maynes  
Team Sierra Nevada

Iván Gutiérrez  
Team Illes Balears



Team Jelly Belly



Pomona  
Team Sea Silver

## Team

CHOCOLAT JACQUES  
LANDBOUWKREDIET  
LOTTO - DOMO  
RELAX-BODYSOL

AG2R - PREVOYANCE  
COFIDIS  
MBK - OKTOS

MIYATA-SUBARU

ACQUA & SAPONE  
ALESSIO  
AMORE E VITA  
FASSA BORTOLO  
FORMAGGI PINZOLO PIAVE  
SAECO MACCHINE PER CAFFÈ  
SELLE ITALIA  
TENAX  
VINI CALDIROLA

ILLES BALEARS

PHONAK

JELLY BELLY  
NAVIGATORS  
SIERRA NEVADA  
TEAM SEA SILVER

## Frame

MBK  
COLNAGO  
MERCKX  
RIDLEY

DECATHLON  
DECATHLON  
MBK

KOGA

MOSER  
BIANCHI  
SAB  
PINARELLO  
GIOS  
CANNONDALE  
DACCORDI  
OLMO  
DE ROSA

PINARELLO

BMC

ORBEA  
COLNAGO  
SEROTTA  
IRON HORSE

## Country

BELGIUM  
BELGIUM  
BELGIUM  
BELGIUM

FRANCE  
FRANCE  
FRANCE

JAPAN

ITALY  
ITALY  
ITALY  
ITALY  
ITALY  
ITALY  
ITALY  
ITALY

SPAIN

SWITZERLAND

USA  
USA  
USA  
USA

Team Navigators



Nakagawa  
Team Miyata  
Subaru



2004 PROFESSIONAL TEAMS  
CAMPAGNOLO EQUIPPED



# THE CAMPAGNOLO DRIVETRAIN



Sprockets sporting the Ultra-Drive design and specific surface treatments for fluid, rapid and silent chain shifting.



The rear derailleur presents three models to impart the greatest functionality depending on the crankset/sprocket set combination used.



Derailleur designed specifically to interface with all cranksets and gear shifters.



Crankset created using the most revolutionary of technologies and technical solutions to achieve the maximum output from Campagnolo's double, compact and triple drivetrains.



Chain with Ultra Drive and Floating Link Action geometries to obtain the ideal interface with chainrings and sprockets. Chrome-Nickel-PTFE surface treatments assure a longer-lasting drivetrain.



Stainless steel cables and specially lubricated housings in friction-resistant material for quick, precise and confident shifting.



Ergopower integrated controls, also available in the new Flat Bar version. Full ergonomics coupled with unparalleled functionality.

## THE CAMPAGNOLO DRIVETRAIN - AN INTEGRATED PROJECT

Campagnolo products are conceived by our engineers, who are constantly focused on improvement and innovation. We are very much aware of the needs of you cyclists out there and know exactly what you expect from our brand and our products. This is the driving force that guides us in our everyday work.

This is also the leitmotif that has led to the creation of the Campagnolo Drivetrain - an integrated project. Every single component is designed and realized to interact at one with the remaining components. Our aim is to provide better-quality performance. Components are perfectly synchronised with each other, resulting in better performance, increased lightness and a longer life.

Campagnolo components are designed to interface with Campagnolo drivetrains only. Materials, dimensions, design... nothing is left to chance. Precise and coordinated teamwork where components work together in perfect harmony, yielding the utmost of their potential. Such perfection can only be achieved by paying attention to every single detail. Each component is designed to excel in itself, but the objective is to interface perfectly with the others at all times. This is the only way to achieve a highly performing drivetrain... a Campagnolo drivetrain.

Imagine you are riding along a quiet road in the Dolomite Mountains on a warm summer day in June. Now try and imagine each of the following actions... Your hands are on the handlebar. The road becomes steeper and hence more difficult to climb. Pedalling becomes harder. You take a sip from your water bottle. You start to pant. You decide to change gear. An instantaneous action, which you automatically take for granted. But take a look at what exactly happens during a simple gear change and note how everything must be synchronised to perfection. Your hand brushes the Ergopower shifter. The indexed mechanism pulls on the cable. The cable moves inside its housing. The rear derailleur moves, shifting the chain from one sprocket to another. The chain shifts, exploiting the perfect interface between its profile and that of the sprocket. Another gear ratio has been set. A momentary action that requires perfect interfacing between each and every component that it entails. Campagnolo guarantees this action.

Only a full Campagnolo drivetrain can assure such total performance.





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3x9 Drivetrain

2x9 Drivetrain

Xenon front derailleur, available in the braze-on or 32 mm clamp-on versions for double and triple drivetrains



Xenon rear derailleur available in 3 versions



**XENON GROUPSET**

Xenon is the entry-level groupset of the Campagnolo range, nevertheless distinguishable for its high technological content. It's enough to mention the extensive use of composite materials, the Record 9s chain, the three rear derailleurs available for maximum functionality, the 9 speed sprocket sets besides the powerful Dual-Pivot brakes. The Xenon groupset is available in the classic 2x9 drivetrain version or in the more comfortable 3x9 version, thereby meeting all your demands.

**2X9 DRIVETRAIN**

The 2x9 drivetrain is the classic drivetrain used on road bikes. It is the ideal solution for those who tackle low or average gradients or cyclists who are in great physical shape. The Xenon 2x9 drivetrain comes with a 39-52 crankset and with 170 or 175 mm cranks, so that it can be suited to your build.

**3X9 DRIVETRAIN**

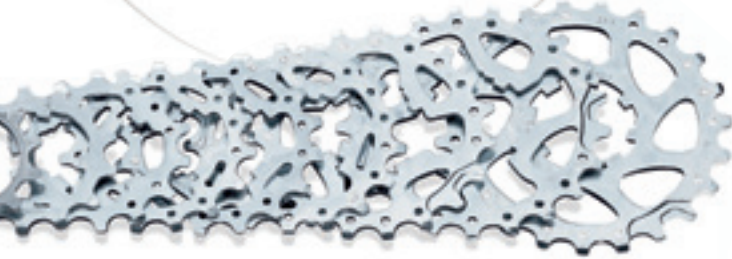
The 3x9 drivetrain is the ideal solution for cycle-tour enthusiasts. It's been created for those of you who love engaging in the most difficult slopes but don't want to miss out on the beauty of the mountains around you. The three chainrings (30-42-52) on the Xenon crankset will let you find the right cadence in any situation.

**XENON REAR DERAILLEUR**

As with the entire Campagnolo range, the Xenon groupset proposes three rear derailleurs. Every rear derailleur stems from an integrated project aimed at generating the most optimal shifting possible. Campagnolo offers no compromises, but the perfect rear derailleur for each specific crankset/sprocket set combination. A short cage derailleur for combining a double crankset with a 13-26 sprocket set or smaller.

A medium cage derailleur for combining a double crankset with a 13-28 cluster or smaller or triple crankset with a 13-26 sprocket set or smaller. A long cage derailleur for combining a triple crankset with a 13-28 sprocket set or smaller.

For technical information see page 163



Ultra-Drive 9 Speed sprocket set

Record 9s chain, the utmost in quality and performance



Xenon Ergopower controls, compatible with 2x9 and 3x9 drivetrains

Dual-Pivot Xenon brakes



New Xenon front hub with hi-precision bearings

**NEW**



Cartridge bottom bracket with sealed bearings

### XENON ERGOPOWER

The Xenon Ergopower controls are constructed entirely from composite materials and are fully integrated. This means that gear shifting and braking can be performed without removing your hands from the handlebar. These controls are extremely comfortable and functional thanks to their ergonomics which equals that of high-end groupsets.

### RECORD 9S CHAIN

The Xenon groupset includes a Record 9s chain. This chain is created using materials and technical solutions that are typical of high-end products. While the quality of the shifting operation is guaranteed by the precise Ultra-Drive and Floating Link Action geometries, its endurance in time is ensured by the Chrome-Nickel-PTFE surface treatments.

### BRAKES

The Xenon brakes are powerful and modulating, thanks to their Dual Pivot geometry which allows more powerful braking to be achieved with a lower actuating force. Use of Record series brake pads improves the braking action under all conditions.

### HUBS

The Xenon hubs have been further improved thanks to the new movement of the front hub, which now incorporates Hi-Precision Bearings for improved rotation and endurance. Available in 32 and 36-hole versions.





For technical information see page 108



3x9 Drivetrain



2x9 Drivetrain

### MIRAGE GROUPSET

Following last year's colour restyling, the Mirage groupset now focuses on choice, offering you three completely different options for interpreting your bike. The first is synonymous with comfort, offered by the new Ergopower Flat Bar 3x9 that lets you ride your two-wheeler in as comfortable a position as possible. The second is for racing enthusiasts, to emulate the achievements of their heroes with the classic 2x9 drivetrain. The third option is for those of you who prefer to tour peacefully through beautiful

mountain ranges, rather than set off with a racing spirit.

### 2X9 DRIVETRAIN

The Mirage 2x9 drivetrain offers you a road bike in all its essence. If you crave the vibes of a Tour de France or Giro d'Italia race and wish to step into the shoes of your heroes, Mirage is the drivetrain for you. The Campagnolo technology, which has been perfected over many years of professional racing, is now yours to try, letting you experience the incredible sensations of fluidity, precision, rapidity and silence.

### 3X9 DRIVETRAIN

The Mirage 3x9 drivetrain is the optimal choice for those who take to their bike without competitive ambitions. For those who love to lose themselves to Nature and enjoy every pedal stroke in supreme silence, Mirage responds with Campagnolo's finest technical solutions. 27 gear ratios to suit your cadence as you climb mountains of unrivalled beauty.



Mirage front derailleur, available in the braze-on or Ø 28,6 and 32 mm clamp-on versions for double and triple drivetrains

New Ergopower Flat Bar controls



### MIRAGE ERGOPOWER FLAT BAR

The new Mirage Ergopower Flat Bar controls have now been dressed in captivating black, well matched with the overall colours of the entire groupset. The Ergopower Flat Bar project was born from the concept of providing the same qualities of performance and lightness to cyclists wishing to ride in a more comfortable position. A position determined by the use of a straight handlebar which obviously requires the use of special controls, hence Ergopower Flat Bar.

The Mirage Ergopower Flat Bar controls incorporate the brake lever and gear shifter into one single component. In this way the overall result is extremely compact and light. Both levers are fitted with an indicator, enabling the chain position on the chainring and sprocket set to be viewed at any time. A barrel located on the brake lever allows the distance between the lever and handlebar grip to be adjusted. In this way, everybody, even those with the smallest hands, can find the right fit. The shifters are of the push-pull type, a solution which

enhances the incredible task accomplished by our engineers in reducing the actuating force. The ease with which the gear is raised is, to say the least, impressive. Mirage Ergopower Flat Bar controls also allow the rider to upshift and downshift several gears at a time in order to get out of awkward situations easily. Mirage Ergopower Flat Bar controls are only available for 3x9 drivetrains.



For technical information see page 164

Mirage Ergopower controls, compatible with 2x9 and 3x9 drivetrains

Record 9s chain: precision, rapidity and silence with time, thanks to the use of prime-quality materials

Mirage rear derailleurs: available in three versions: short, medium or long cage. No compromise in quality where shifting is concerned



NEW



Mirage brakes with light alloy brake shoe



Mirage hubs: black finish and hi-precision bearings for improved smoothness and endurance

New, dedicated 3x9 front derailleurs for Ergopower Flat Bar controls



NEW



**FLAT BAR 3X9 FRONT DERAILLEURS**

Indexing with Ergopower Flat Bar controls also means special front derailleurs.

The actuating mechanism, which differs considerably from that of Campagnolo's Ergopower, required a new, specially designed front derailleur to enable precise and light shifting as well as proper indexing. Mirage FB front derailleurs are only available for 3x9 drivetrains in braze-on or clamp-on versions.

**ERGOPOWER**

Mirage Ergopower controls are constructed entirely from composite materials. Use of such materials allows the creation of lighter components with respect to the same parts in aluminium alloy, for the same degree of strength.

After years of experience on the Record groupset, Campagnolo's Unità Compositi of Vicenza is now able to apply this know-how to entry-level groupsets too, with obvious advantages.

**BRAKES**

The Dual-Pivot geometry of the Mirage brakes assures modular braking power. These characteristics are further augmented by the use of aluminium brake shoes for overall rigidity and the same brake pads as the Record series.

**SPROCKET SET**

The Mirage 9-speed sprocket set sports the Ultra-drive design for precise, rapid and silent shifting. Available in three versions: 12-23, 13-23 and 13-26 to meet all your needs.

**BOTTOM BRACKET**

Cartridge bottom bracket available in the 111 and 115.5 mm versions, both for Italian and BSA threads.





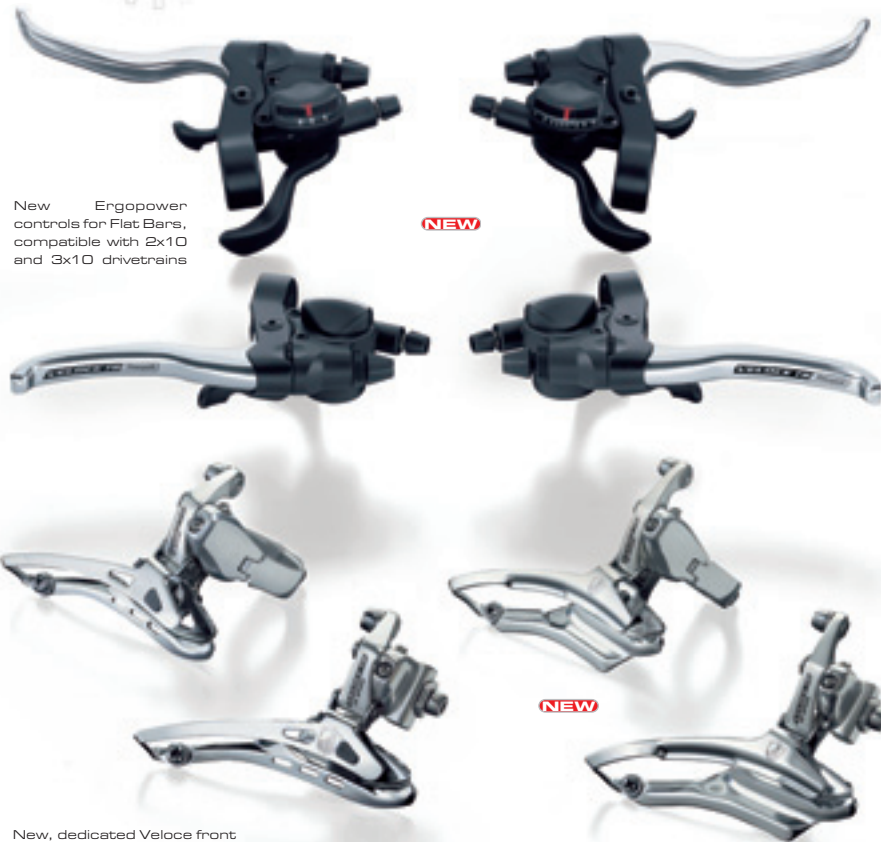
For technical information see page 166

Veloce 3x10 crankset:  
30 options for your ideal pace

Veloce 2x10 crankset:  
10 speed sprocket set for all



Veloce 10 speed front derailleur, available in braze-on or 32 mm and 35 mm clamp-on versions.



New Ergopower controls for Flat Bars, compatible with 2x10 and 3x10 drivetrains

NEW

NEW

New, dedicated Veloce front derailleurs for Ergopower Flat Bar controls

**VELOCE GROUPSET**

The Veloce groupset is available in no less than five versions: 2x10 drivetrain, 3x10 drivetrain, 9x2 drivetrain, 9x3 drivetrain and drivetrain with Ergopower Flat Bar controls. A wide range of options that lets you define your preferred riding set-up. Whether you enjoy racing and steep climbs or whether you appreciate light and comfortable rides, the Veloce groupset has the solution for you.

**2X10 DRIVETRAIN**

The Veloce groupset presents the 10-speed drivetrain for a wide range of cyclists. Initially developed from the Record groupset, the 10s drivetrain was soon to prove its countless advantages. Close-ratio sprockets and the design of the front and rear derailleurs, chain and crankset make for quicker, more precise and silent shifting. Thanks to the wider range of gears available, the sprocket set need not be replaced for one particular race, with so much trouble and energy saved.

**3X10 DRIVETRAIN**

The Veloce 3x10 drivetrain offers no less than 30 gear ratios: you can choose your ideal cadence both during uphill as well as downhill riding. This drivetrain is available with a 30-40-50 or 30-42-53 crankset and 170 mm or 175 mm cranks. The steepest hills are yours to be conquered!

**VELOCE ERGOPOWER FLAT BAR**

The Veloce Ergopower Flat Bar controls were designed and created by our engineers with an eye to providing a product that grants undeniable qualities of performance and lightness to cyclists wishing to ride in a more comfortable position. A posture that is achieved by replacing the usual drop handlebar with a straight one, and hence the gear shifters and brake levers too. The brake/gear shifter assembly of the Veloce Ergopower Flat Bar provides

truly unique compactness and lightness. The ease with which these push-pull type controls enable gears to be changed is amazing. Our engineers have really outdone themselves, creating a system that allows you to upshift and downshift several gears at a time. In this way you will no longer be caught out by changing slopes. A barrel located on the butt area of the brake lever allows the distance between the lever and the handlebar grip to be adjusted to your needs.

**FRONT DERAILLEURS FOR ERGOPOWER FLAT BAR CONTROLS**

In order to achieve optimal chain shifting from one sprocket to another, the Ergopower Flat Bar controls need a special front derailleur. The different drive mechanism in fact requires a new type of derailleur design to assure precise and light shifting. The Veloce FB derailleurs are available for 2x10 and 3x10 drivetrains in braze-on or clamp-on versions.

For technical information see page 166

Veloce 10 speed rear derailleurs, available in 3 versions



Veloce Ergopower controls: 10 speed, body in composite material and levers in anodised aluminium

10s Veloce sprockets with Ultra-Drive geometry



Veloce brakes with orbital adjustment of brake shoes



Veloce hubs: hi-precision bearings for improved rotation

Record C-10 chain constructed from the best materials available and under the strictest of tolerances.



Veloce cartridge bottom bracket with sealed bearings

**VELOCE REAR DERAILLEURS**

The Veloce drivetrain offers three types of rear derailleurs: short, medium and long cage. Only in this way can the best shifting performance be obtained with different crankset/sprocket set combinations. And, as you may well know, Campagnolo does not compromise on performance. The short cage derailleur is used for combining a double crankset with a max 13-26 sprocket set.

The medium cage derailleur is used for combining a double crankset with a max 13-29 sprocket set or triple crankset with a max 13-26 sprocket set. The long cage derailleur is used for combining a triple crankset with a max 13-29 sprocket set.

**SPROCKET SET**

The Veloce 10s sprocket set employs the Ultra-Drive geometry which assures fluid, rapid and silent chain shifting. The sprockets are made of steel and are longer-lasting thanks to surface treating with nickel-chrome.

**BOTTOM BRACKET**

Cartridge bottom bracket with light alloy cups. Available in 111 and 115.5 mm versions, both for Italian and English threads.

**BRAKES**

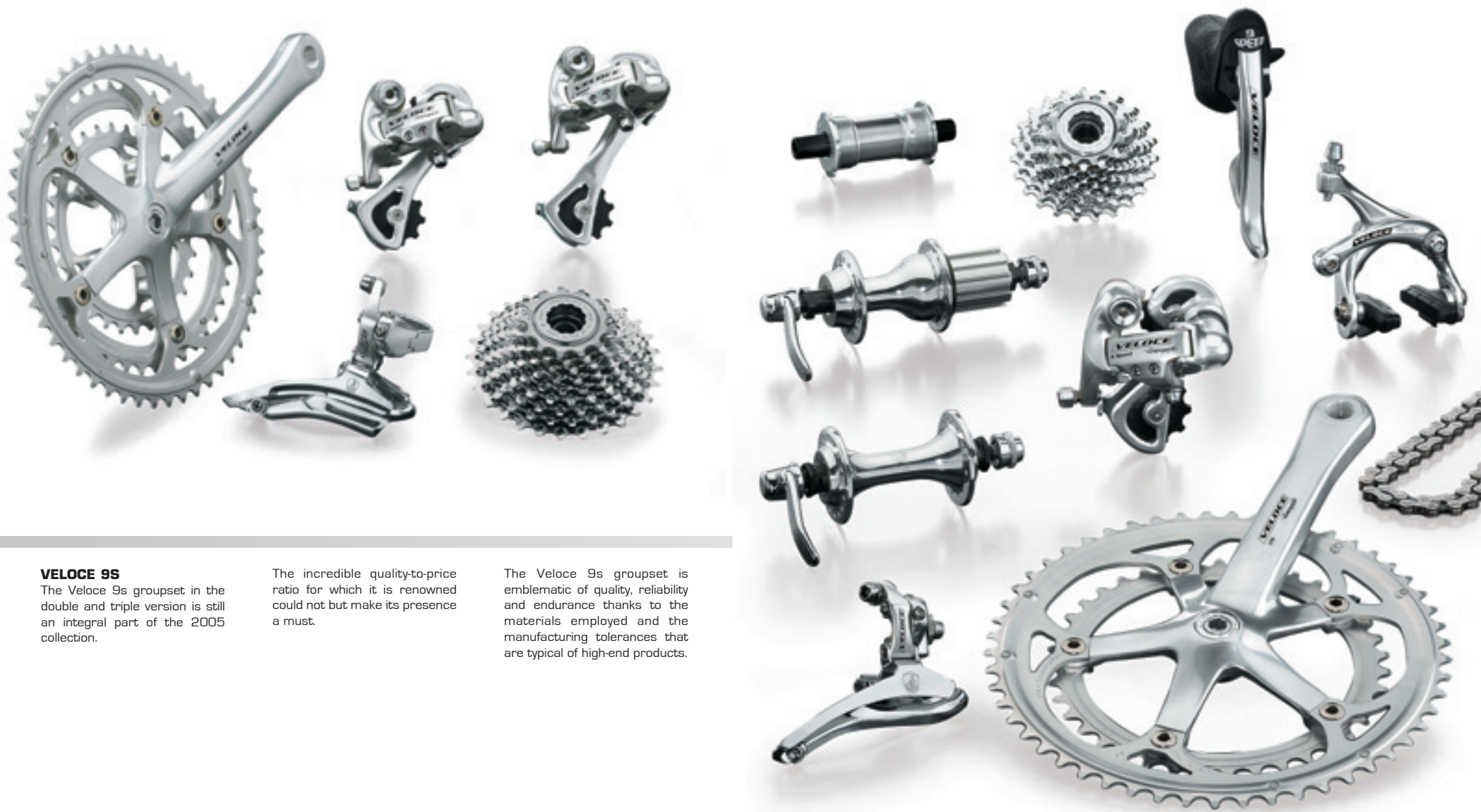
The Veloce brakes are of the Dual-Pivot type and feature orbital adjustment of the brake shoes. In this way the brake pads engage perfectly with the braking surface for a powerful and modular braking action. The compound used for the brake pads is the same as for the Record series.

**RECORD 10S CHAIN**

The Veloce 10s drivetrain employs a Record 10s chain. The Record 10s chain features the Ultra-Drive and Floating Link Action geometries and is constructed using the best available materials, treatments and tolerances to guarantee rapid, fluid and silent shifting between gears. The chain is connected by means of an HD-Link system.



For technical information see page 166



**VELOCE 9S**

The Veloce 9s groupset in the double and triple version is still an integral part of the 2005 collection.

The incredible quality-to-price ratio for which it is renowned could not but make its presence a must.

The Veloce 9s groupset is emblematic of quality, reliability and endurance thanks to the materials employed and the manufacturing tolerances that are typical of high-end products.







#### CENTAUR GROUPSET

The Centaur groupset welcomes you to Campagnolo's high-end range and lots of new titbits. Besides the already famous 2x10 and 3x10 drivetrains, this year Centaur also presents itself in the Ergopower Flat Bar version as well as in the first compact drivetrain version.

While the former offers the ideal solution for those who prefer a light, performing, yet comfortable bicycle, the latter is the option that became necessary to meet the demands of century ride aficionados.

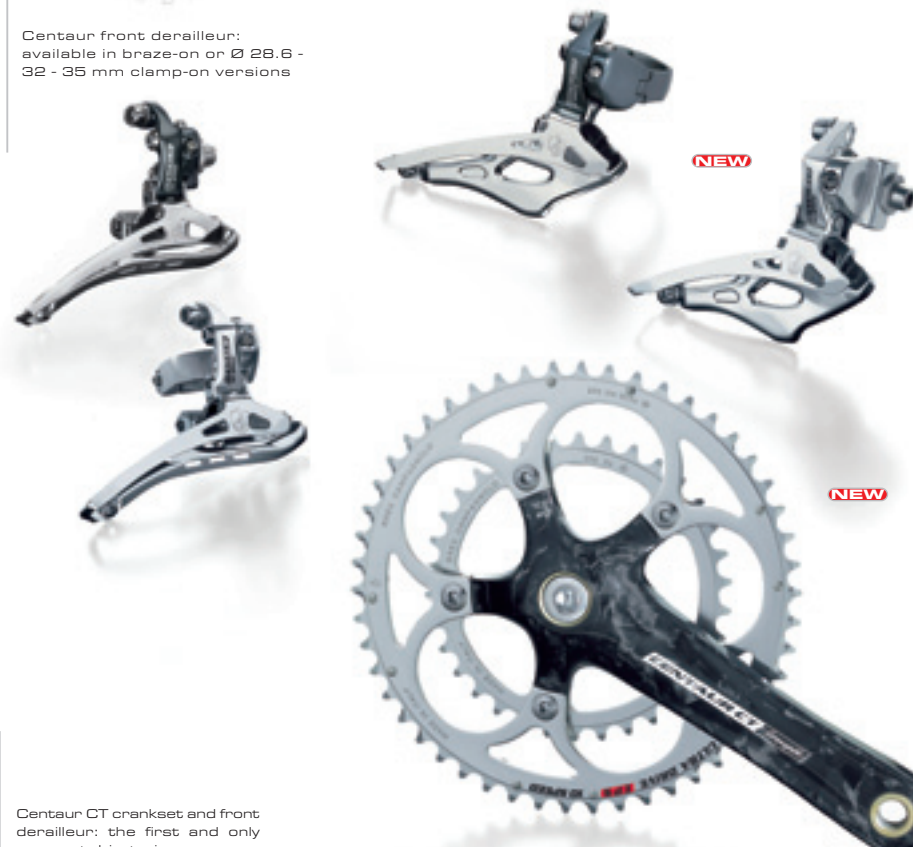
All the solutions offered by the Centaur groupset are available in two colours: Silver and Century Grey.

For technical information see page 168



Centaur double crankset, available in three versions: the brand new Carbon Centaur version and Century Grey and Silver aluminium versions

Centaur front derailleur: available in braze-on or Ø 28.6 - 32 - 35 mm clamp-on versions



Centaur CT crankset and front derailleur: the first and only compact drivetrain

**2X10 DRIVETRAIN**

The Centaur 2x10 drivetrain performs excellently right from the very first race. Lightness, quality, reliability and performance are characteristics that make it the ideal means of transport when you want to make a real racing difference.

**NEW CENTAUR CARBON CRANKSET**

This year the Centaur groupset presents an optional carbon-fiber crankset. The Centaur Carbon crankset was designed by applying the same constructive technology as for the Record Carbon and Chorus Carbon series. This involves a careful union of two technologies, namely Multidirectional Carbon Fiber and Unidirectional Carbon Fiber technologies. In this solution the Multidirectional Carbon Fiber is first spread, creating the

component's overall strength, after which the Unidirectional Carbon Fiber is applied, following the same direction as the stress lines, i.e. all the points where the component is subjected to maximum stress. In this way a component of unbelievable mechanical strength is obtained. When comparing the results with the same model in aluminium, the differences are extraordinary:

- Greater lightness
- Greater resistance to static loads
- Greater fatigue strength
- Greater torsional strength

**CENTAUR COMPACT DRIVETRAIN**

Campagnolo decided to go a step further than the simple compact crankset, preferring to develop a fully integrated project with a 10-speed drivetrain so that there are no half measures where safety, performance and longevity are concerned. This integrated project has resulted in the creation of the Centaur CT crankset and Centaur CT front derailleur... which is why we can now talk about the first compact drivetrain.

The cranks of the Centaur CT crankset are born of a project that skilfully unites Multidirectional Carbon Fiber technology with that of Unidirectional Carbon Fiber. The Centaur CT crankset is available with 34-48, 34-50 or 36-50 chainrings and with 170, 172.5 or 175 mm cranks. The chainrings were created specifically for the Centaur CT crankset and are not compatible with other cranksets.

The diameters of the Centaur CT chainrings are smaller than those used in traditional versions, whereas the tooth difference is considerably larger. Thus a special front derailleur must be used if the utmost in performance is to be achieved. The Centaur CT front derailleur presents a cage that is more curved in order to match the curvature of the smaller chainrings. In this way the tail of the cage does not distance itself too much from the chainrings.



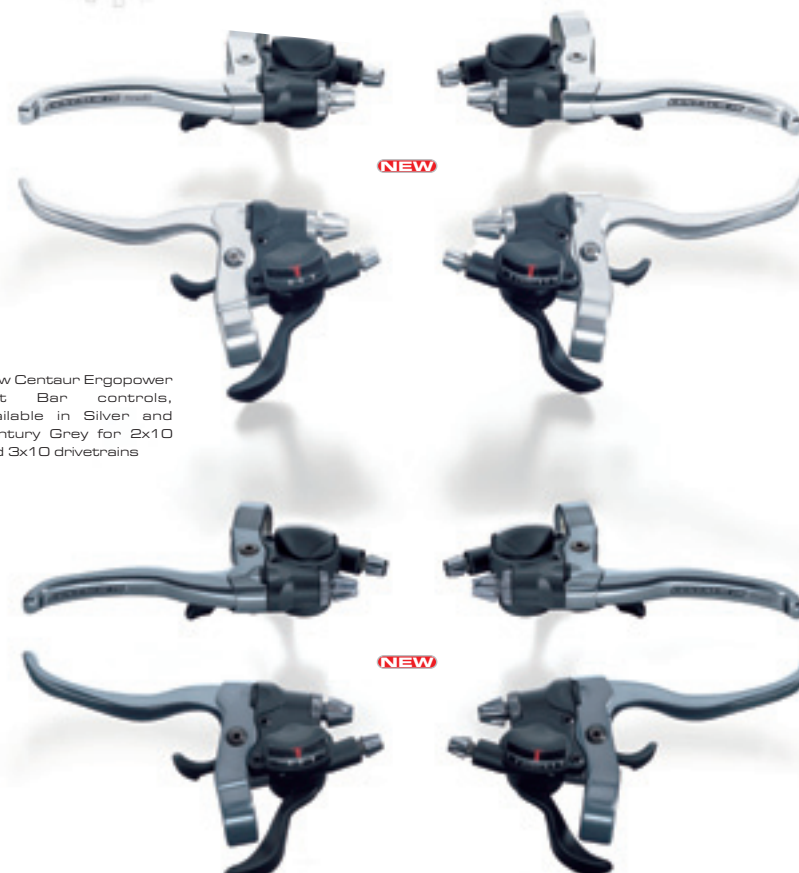
For technical information see page 168



Centaur 3x10 drivetrain in the Century Grey and Silver versions



New Centaur FB front derailleurs, available for 2x10 and 3x10 drivetrains in braze-on or clamp-on versions.



New Centaur Ergopower Flat Bar controls, available in Silver and Century Grey for 2x10 and 3x10 drivetrains

The profile of the inner cage is higher so that the chain can be shifted easily from the smaller chainring to the larger one and is shaped like an inverted "S" for increased precision when shifting the chain from the larger chainring to the smaller one.

Without this special front derailleur, the chain could drop onto the bottom bracket shell, provoking considerable damage. The Centaur CT front derailleur is available in both braze-on and clamp-on versions.

### 3X10 DRIVETRAIN

Lovers of steep climbs can now whet their appetite thanks to the 30 gear ratios offered by the Centaur 3x10 drivetrain. Whatever the conditions, the right gear ratio will always be at your feet. From now on, the adjective impossible shall no longer be linked to the word climb.

### CENTAUR ERGOPOWER FLAT BAR

For all cyclists wishing to mount a straight handlebar on their road bike, Campagnolo has created specific Centaur Ergopower Flat Bar controls. In this way they can enjoy the qualities of precision and lightness that are typical of Campagnolo's products, while riding in a more comfortable position. The Centaur Ergopower Flat Bar controls incorporate the brake lever and gear shifter into one single component, yielding a more compact, and hence lighter overall assembly. The brake and gear levers feature two indicators

that enable the chain position on the chainring and sprockets to be viewed at all times. Our engineers have concentrated greatly on reducing the driving force necessary for chain raising and lowering and their results are immediately perceivable through the incredible ease with which the operation is achieved. Another of our engineers' objective was multiple chain shifting. In fact, upshifting or downshifting of more than one gear is now possible in one simple operation. An adjusting barrel fitted on the brake lever allows the distance between the lever and the

handlebar grip to be altered, for added riding comfort.

### NEW FRONT DERAILLEURS FOR ERGOPOWER FLAT BAR CONTROLS

In order to assure optimal chain shifting from one chainring to another, the Ergopower Flat Bar controls need a special front derailleur. The drive mechanism differs greatly from that of the Ergopower controls, whereby the front derailleur must possess a specific type of geometry to assure precise and light shifting.

For technical information see page 168

Centaur front derailleur: available in braze-on or Ø 28,6 - 32 - 35 mm clamp-on versions



AC-H bottom bracket in the Century Grey and Silver versions



New Centaur bottom bracket: lighter and stronger

New graphics sported by the Century Grey Centaur Ergopower controls



New Centaur bottle cage



NEW

Record 10s chain: Ultra Drive and Floating Link Action geometry for rapid, fluid and silent chain shifting



Centaur Hiddenset integrated headset

### CENTAUR REAR DERAILLEURS

Reiterating the concept of an integrated project, the Centaur groupset presents three rear derailleur models: short cage, medium cage and long cage to impart the greatest functionality depending on the crankset/sprocket set combination used. The short cage derailleur is recommended for use with a double/compact crankset and 13-26 cluster or smaller.

The medium cage derailleur is recommended for use with a double/compact crankset and 13-29 cluster or smaller or with a triple crankset and 13-26 cluster or smaller. The long cage derailleur is recommended for use with a triple crankset and 13-29 cluster or smaller.

### CENTAUR BOTTOM BRACKET

The new Centaur bottom bracket now sports a captivating black look, but the novelty does not stop there... the contents are even more precious. Our engineers have produced a bottom bracket with a 111 mm spindle length that is much lighter and stronger than the AC-H model. This bottom bracket looks set to become the ideal companion for the new Centaur Carbon crankset.

### HIDDENSET

The Centaur headset is of the Hiddenset type and is integrated into the head tube of the frame, providing an extremely elegant look thanks to the aesthetical balance achieved between the fork and the frame and between the frame and the handlebar stem. Light, lasting and easy to mount, the Centaur headset is the consequence of Campagnolo's experience in the field of composite materials.

### NEW CENTAUR BOTTLE CAGE

As of this year, even the Centaur groupset has its own special bottle cage. The Centaur bottle cage is realized using Multi-directional Carbon Fiber technology for the collar and carbon-resin for the support.

The result is an extremely strong product weighing a mere 35 g. The Centaur bottle holder is sold with a dedicated Campagnolo bottle with a sober and classy design but can also be used with other types of bottle.



For technical information see page 168

Centaur brakes: Dual-Pivot geometry and Record brake pads for precise and modular braking



Centaur seatpost in light alloy



Time Trial components compatible with Centaur 10s front and rear derailleurs



Centaur hubs: oversize light alloy body and axle with self-aligning bearings for unparalleled performance

**CENTAUR SPROCKET SET**  
10 speed, Ultra-drive and Chrome-Nickel-PTFE surface treatments for long-lasting performance.

**CENTAUR SEATPOST**  
The Centaur seatpost confirms the high-end quality of the Centaur groupset, presenting a light alloy post and cold-forged aluminium top. Available in the 27.2 mm version.

**CENTAUR PEDALS**  
The Centaur Pro-Fit Plus pedals are born from a very ambitious project that successfully combines lightness and performance with comfort. Pedal dimensions are greatly reduced, despite being used with conventional cleat sizes. The ergonomics have been seen to in every detail.

The result is a pedal with four evenly distributed contact points to assure maximum comfort on long rides too. The height of the pedal is greatly reduced, bringing the foot as close as possible to the pedal axle, thereby achieving a "circular" pedal stroke.

Worth mentioning is the solution employed for the fully independent shoe engagement and disengagement forces. The force required to engage the shoe is low and constant, assuring easy pedal engagement.

The force required to disengage the shoe is variable and may be altered via an adjusting screw. An indicator mounted on the pedal shows the spring tension. Fixed or floating cleats are available, depending on your needs.





For technical information see page 170



Chorus front derailleur, available in both braze-on and clamp-on versions



NEW

NEW

New Chorus CT Carbon crankset

New Chorus CT front derailleur: available in braze-on and Ø 32 or 35 mm clamp-on versions

**CHORUS**

The Chorus groupset is intended for use in competitions. The wide use of composite materials, the technical solutions adopted and the application of the most advanced technologies in its manufacture make it a product that fears no rivals, other than the Record groupset itself. 2005 offers many opportunities to Chorus users: 2x10 drivetrain, Compact drivetrain, 3x10 drivetrain and Ergopower Flat Bar controls.

**2X10 DRIVETRAIN**

The Chorus 2x10 drivetrain is to all intents and purposes a drivetrain for high-level racing, as demonstrated by a number of professional teams that use it under the most extreme conditions. Use of composite materials, manufactured within Campagnolo's Composites Department in Vicenza, has enhanced the technical content of the Chorus drivetrain. The crankset, rear derailleur and Ergopower controls share the same technology as the Record groupset.

**CHORUS FRONT DERAILLEURS FOR 2X10 DRIVETRAINS**

The Chorus front derailleur consists of an aluminium cage that has undergone special surface treatment aimed at reducing chain friction and abrasion. Besides weighing less, the greater stiffness of aluminium makes for crisper and more precise shifting.

**COMPACT DRIVETRAIN**

Creating a compact crankset only would have meant to compromise on functionality that for us is complete no go. This is why we conceived the integrated Chorus CT drivetrain project which encompasses both the crankset and the front derailleur. The Chorus CT crankset consists of the cranks, created from the exclusive combination of Multidirectional Carbon Fiber and Unidirectional Carbon Fiber technologies, and the light alloy Ultra-Drive chainrings. The Chorus CT crankset is available with 34-48, 34-50 or 36-50 chainrings and with 170, 172.5 or 175 mm cranks. The chainrings have been created specifically for the Chorus CT crankset and are only compatible with Campagnolo CT cranksets. The diameters of the Chorus CT chainrings are considerably smaller than those used in traditional versions, whereas the tooth difference is considerably larger. In order to achieve the utmost in performance, a special front derailleur had to be conceived.

**NEW CHORUS FRONT DERAILLEURS FOR COMPACT DRIVETRAINS**

The cage of the special Chorus CT front derailleur is more curved in order to match the curvature of the smaller chainrings. In this way the tail of the cage does not distance itself too much from the chainrings. The edge of the inner cage plate is higher so that the chain can be shifted easily from the smaller chainring to the larger one and is shaped like an inverted "S" for increased precision when shifting the chain from the larger chainring to the smaller one. Without this particular front derailleur the chain could drop onto the bottom bracket shell and shifting would prove more difficult when riding uphill.

For technical information see page 170



Chorus 3x10 crankset, with 30-40-50 and 30-42-53 chainrings



Chorus 3x10 front derailleur with lightened cage, in braze-on and clamp-on versions



NEW

Chorus FB front derailleurs for 3x10 drivetrains



NEW

New Chorus Ergopower Flat Bar controls with carbon-fiber levers



NEW

NEW

Chorus FB front derailleurs for 2x10 drivetrains

Chorus FB front derailleurs for Compact drivetrains

### 3X10 DRIVETRAIN

The Chorus 3x10 drivetrain is a triple drivetrain that employs materials and technical solutions used in products meant for professional racing. Thanks to the 30 gear ratios available, the Chorus 3x10 drivetrain promises to become the ideal drivetrain for climb enthusiasts as well as for cycle tourists who wish to travel comfortably, taking advantage of the excellent materials and advanced technologies that set the Chorus groupset apart from others.

### ERGOPOWER FLAT BAR CONTROLS

Chorus Ergopower Flat Bar controls are the ideal product for those wishing to match high performance and maximum lightness with maximum comfort. In fact, they offer you precise control of both the drivetrain and the Campagnolo Chorus braking system. Chorus Ergopower Flat Bar controls incorporate the brake lever and gear shifter into one single component, yielding a more compact and lighter overall assembly. Chorus Ergopower Flat Bar controls feature two

indicators that enable the chain position on the chainring and sprockets to be viewed at all times. The astonishing ease with which the chain is shifted up and down proves how much attention was dedicated by our engineers to the driving force necessary for chain shifting. Also worth noting is the multiple shifting option, i.e. the possibility of upshifting and downshifting by more than one gear in one single move. An adjusting barrel fitted on the brake lever allows the distance between the lever and the handlebar grip to be altered for better ergonomics.

### FRONT DERAILLEURS FOR ERGOPOWER FLAT BAR CONTROLS

Ergopower Flat Bar controls require the use of a special front derailleur to assure correct indexing. The driving mechanism of the Ergopower Flat Bar controls differs considerably from that of standard Ergopower controls, which is why a specially designed front derailleur is necessary.

Only thus can correct shifting be achieved. The Chorus FB front derailleurs are available for 2x10, Compact and 3x10 drivetrains in braze-on or clamp-on versions.



For technical information see page 170



Chorus cartridge bottom bracket with light alloy cups and hollow axle

Record C10 chain: lasting shifting precision



Chorus differential brakes



Chorus seatposts in carbon fiber available in the 250-mm versions with a 27.2-mm diameter and in the 350-mm version with diameters



### CHORUS REAR DERAILLEUR

The Chorus rear derailleur is compact in design. The parallelogram was designed to assure precise and regular shifting over all ten sprockets. The outer link in carbon fiber, manufactured in-house within Campagnolo's Composites Department, reduces the weight considerably and provides a racing and hi-tech look. The derailleur pulleys are made from a special material that renders the drivetrain particularly silent.

The rear derailleur is available in three versions: Short cage derailleur for combining a double/compact crankset with a 13-26 sprocket set or smaller. Medium cage derailleur for combining a double/compact crankset with a 13-29 sprocket set or smaller or triple crankset with a 13-26 sprocket set or smaller. Long cage derailleur for combining a triple crankset with a 13-29 sprocket set or smaller.

### BRAKES

The differential Chorus brakes stem from research on road bike braking dynamics conducted by our engineers. Results have shown that, during a braking action, 70% of the stress goes to the front brake while a mere 30% goes to the rear brake. Assuming that the front brake had to maintain all its characteristics, our design engineers concentrated on the alternative solutions that would improve the rear brake.

Thus it was made less powerful, yet much more modulating. The braking dynamics are visibly improved. In fact, this differentiation between the two brakes allows the bicycle to be stopped within the same distance with no risk of the rear wheel blocking. An enormous advantage both in terms of performance and safety.

### CHORUS SEATPOST

A striking look and supreme functionality. The seatpost features a carbon-fiber post and a light alloy top that allows for fine-degree, millimetric saddle adjustment. Each model is furnished with the Campagnolo saddle clamp designed purposely for the Carbon seatpost. Besides being one of the lightest models found on the market, this type of saddle clamp offers a revolutionary ultra-safe fastening system.

The asymmetrical design, with the fastening bolt almost tangential to the seatpost, assures homogeneous pressure of the saddle clamp along the entire pipe circumference, preventing the latter from being damaged.

For technical information see page 170



Chorus Ergopower controls: the technical and aesthetical merits of carbon fiber for the highest lightness and performance levels



NEW



Chorus Hiddenset headset  
Chorus threaded headset  
Chorus Threadless headset

### CHORUS BOTTLE CAGE

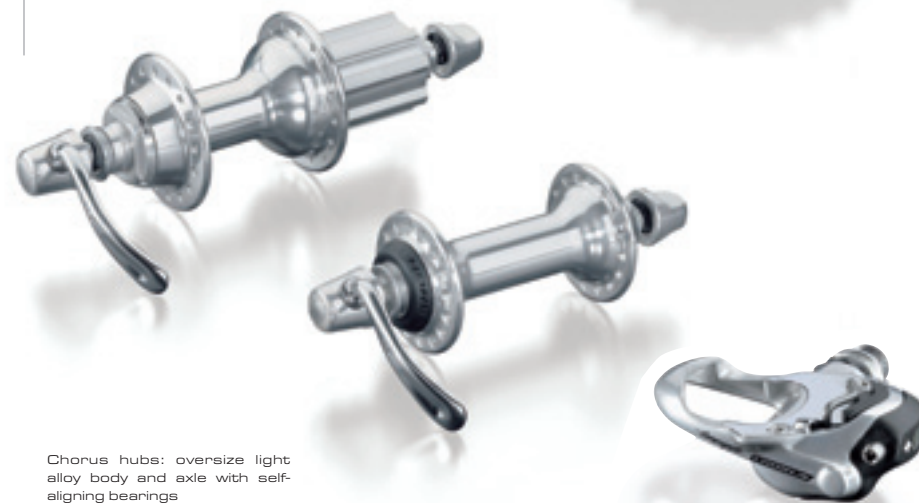
The Chorus bottle cage weighs less than 30 g thanks to the new constructive technology used for the support. The collar remains unchanged, preserving the typical appearance of 90°-braided carbon fiber. The Chorus bottle holder is sold with a dedicated Campagnolo bottle with a sober and classy design but can also be used with other types of bottle.

### HEADSET

The Chorus groupset proposes three types of headsets: traditional threaded headset, Threadless headset and Hiddenset headset. The traditional threaded headset surely needs no further presentation – its smoothness, longevity and reliability characteristics have set the standard for years. The Threadless headset is intended for unthreaded fork steerers. It is extremely light and allows quicker and more

precise adjustment than its threaded counterpart, besides being lighter and longer lasting. The Hiddenset headset is integrated into the head tube of the frame, providing an extremely elegant look thanks to the aesthetical balance achieved between the fork steerer and the frame and between the frame and the handlebar stem. The Chorus headset is light, smooth, long lasting and easy to install, and is available in the standard version or with a TTC cap.

Chorus sprocket set: 10 Speed, Ultra-Drive geometry, Nickel-chrome surface treatment, light alloy carriers



Chorus hubs: oversize light alloy body and axle with self-aligning bearings

### PEDALS

Our engineers have succeeded where many others have failed: they have created a pedal that successfully combines lightness and performance with comfort. Despite its reduced weight and relatively compact dimensions, the Chorus Pro-Fit Plus pedal was designed with a painstaking eye to ergonomics. The result is a pedal with a large supporting surface, assuring excellent comfort on long rides too.

Pedal height is extremely reduced. In this way the foot is very close to the pedal axle and the pedal stroke is "rounder". The pedal engagement and disengagement forces are independent. While the pedal engagement force is constant, the force required to disengage the foot from the pedal can be adapted to the rider thanks to an adjustment screw that controls spring tension.

The Chorus Pro-Fit Plus pedal turns on three sealed bearings - two on the inside and one on the outside. Two types of cleats are available: either fixed or floating, depending on your needs.





For technical information see page 172



2x10 drivetrain, available in Carbon or aluminium versions



NEW

The Record CT front derailleurs is available in bronze and Ø 32 or 35 mm clamp-on versions

**RECORD**

The Record groupset is the obvious choice for professional racers. The best materials available and the most advanced technologies and technical solutions are employed in this hi-tech wonder which, besides its infinite contents, also sports a look beyond compare. This year the Record groupset is presented in three versions to meet all your needs: 2x10 drivetrain, Compact drivetrain, 3x10 drivetrain.

**2X10 DRIVETRAIN**

The Record 2x10 drivetrain is the drivetrain of professionals par excellence. The world's leading aces use it. Whether you want to sprint home in Alessandro Petacchi style, or race devastatingly uphill like Gilberto Simoni or Damiano Cunego, or perform perfect time trials, the choice can only be but one: a Record 2x10 drivetrain.

**COMPACT DRIVETRAIN**

The compact drivetrain was the missing link between traditional double and triple drivetrains. In creating it, we wanted to design much more than a mere compact crankset, preferring to develop an integrated project that goes by the name of Record CT drivetrain, one that interfaces perfectly with the entire 10s drivetrain. This project has resulted in the new Record CT crankset and Record CT front derailleurs.

The Record CT crankset is manufactured within Campagnolo's Composites Department in Vicenza, using a technology that exploits the finest characteristics of Multi-directional Carbon Fiber and Unidirectional Carbon Fiber technologies. The Record CT crankset is available with 34-48, 34-50 or 36-50 chainrings and with 170, 172.5 or 175 mm cranks. The chainrings, which have been specially treated for durability, are only compatible with Campagnolo CT cranksets.

**NEW FRONT DERAILLEURS FOR RECORD CT DRIVETRAINS**

This front derailleurs has been created especially for the Record CT drivetrain. The smaller chainring dimensions required the cage to be more curved in order to prevent the tail from moving too far away from the chainrings. The edge of the inner cage plate in friction-resistant aluminium is higher so that the chain can be shifted easily from the smaller chainring to the larger one.

When viewed from the front, one will notice an inverted "S" shape which facilitates chain shifting from the larger chainring to the smaller one. If this particular front derailleurs is not used, the chain could drop onto the bottom bracket shell and crisp shifting would not be possible when riding uphill.



For technical information see page 172



Record 3x10 crankset, with 30-40-50 and 30-42-53 chainrings

Record 3x10 front derailleur with special friction-resistant cage, in braze-on and clamp-on versions



Record front derailleur, available in both braze-on and clamp-on versions

### 3X10 DRIVETRAIN

The Record 3x10 drivetrain is, to all intents and purposes, a drivetrain for professional use. The materials employed and technical solutions adopted say it all.

Thanks to the 30 gear ratios available, the Record 3x10 drivetrain is the perfect solution both for those engaged in difficult climbs as well as for

cycle tourists who wish to travel comfortably, taking advantage of the excellent materials and advanced technologies that are specific to the Record groupset.

### RECORD ERGOWPOWER CONTROLS

Record Ergopower controls have been in the hands of the world's leading racers since 1992. Unmistakable design, high performance, ergonomics and extreme lightness are the typical characteristics of this hi-tech product.

As with all Campagnolo models, the ergonomics were analysed from each and every angle with an eye to assuring access to the controls under all conditions, besides providing maximum comfort. The special surface treatments applied to internal components produce smooth, precise shifting.

### RECORD FRONT DERAILLEURS FOR 2X10 DRIVETRAINS

The Record front derailleur has an external cage plate in carbon fiber and an inner cage plate in aluminium that is surface-treated to reduce friction.

For technical information see page 172

The Record rear derailleur is available in three versions:

- Short cage derailleur for combining a double/compact crankset with a 13-26 sprocket set or smaller.

- Medium cage derailleur for combining a double/compact crankset with a 13-29 sprocket set or smaller or triple crankset with a 13-26 sprocket set or smaller.

- Long cage derailleur for combining a triple crankset with a 13-29 sprocket set or smaller.



### RECORD REAR DERAILLEUR

The Record rear derailleur is advanced technology and design condensed into one. For the outer link and short cage we used 90°-braided carbon fiber. For the medium and long cages, which have different mechanical requirements, we used the ultramodern Multidirectional Carbon Fiber technology that is normally employed in the aerospace industry.

The derailleur pulleys, which are made from a special material, make the entire drivetrain quieter whereas the threaded parts in titanium reduce the overall weight.

### DIFFERENTIAL BRAKES

The differential Record brakes stem from research on road bike braking dynamics conducted by our engineers. Results have shown that, during a braking action, 70% of the stress goes to the front brake while a mere 30% goes to the rear brake. Starting from here, it was decided that while it was pointless to change the characteristics of the front brake, the design characteristics of the rear brake simply had to be improved.

Which is why a less powerful, though more modulating rear brake was created. The braking dynamics are now visibly improved. In fact, this differentiation between the two brakes allows the bicycle to be stopped within the same distance with no risk of the rear wheel blocking. An enormous advantage both in terms of performance and safety.

### RECORD C10 ULTRA CHAIN

The Record C10 Ultra chain amazes us by its lightness, weighing in at an incredible 20 g below its already light counterpart Record C10. A result achieved thanks to the use of lighter chain links and hollow pins.

We really must emphasise that, despite this reduction in weight, the pin retention force is greater and the strength parameters and surface treatments remain unchanged, thereby assuring chain shifting precision in time.



For technical information see page 172

Record bottom bracket:  
composite/light alloy cartridge,  
hollow axle and light alloy cups



Hubs: oversize light alloy body  
and axle and quick lubrication  
port



Record Hiddenset headset  
Record Threadless headset  
Record threaded headset



Record seatpost with carbon-  
fiber post and saddle clamp.  
Available in the following  
versions: length 250 mm,  
diameter 27.2 mm or length  
350 mm, diameter 31.6 or  
32.4 mm.



The Campagnolo saddle clamp  
for the Carbon seatpost  
assures homogeneous  
tightening along the entire pipe  
circumference.



## PEDALS

The Record Pro-Fit Plus pedal project is an all-out winner, successfully combining lightness and performance with comfort. Despite the relatively compact dimensions and reduced weight, the Record Pro-Fit Plus pedal does not forfeit ergonomics, distributing the four support points in the best possible manner.

In this way through comfort is assured on long rides too. The "circular" pedal stroke, which all cyclists long for, is now possible thanks to a design that brings the foot as close as possible to the pedal axle. The pedal engagement and disengagement forces are independent. In this way the disengagement force can be adapted to one's style of pedalling.

The axle of the Record Pro-Fit Plus pedal turns on three sealed bearings - two on the inside and one on the outside. Two types of cleats are available: either fixed or floating, depending on your needs.

## HEADSET

The Record groupset proposes three types of headsets: traditional threaded headset, Threadless headset and Hiddenset headset. The traditional threaded headset surely needs no further presentation, seeing that its smoothness, longevity and reliability characteristics have set the standard for years. The Threadless headset was designed for unthreaded fork steerers.

It is extremely light and allows quicker and more precise adjustment than its threaded counterpart. Weight and endurance also set it apart from others. The Hiddenset headset is integrated into the head tube of the frame, conferring an extremely elegant look to the bicycle. The Record headset is light, smooth, long lasting and easy to install, and is available in the standard version or with a TTC cap.

## RECORD BOTTLE CAGE

18 g - this is what the Record bottle cage weighs. A mono-coque in carbon fiber that clearly demonstrates the level of excellence achieved by Campagnolo in the field of composites. The Record bottle holder is sold with a dedicated Campagnolo bottle with a sober and classy design but can also be used with other types of bottle.

For technical information see page 174



**RECORD PISTA**

The Record Pista groupset is a collection of hi-tech components designed purposely to excel in velodromes. The groupset consists of a crankset, hubs and bottom bracket.

The other components, namely the seatpost, pedals and headset are borrowed directly from the Record roadbike groupset.

**TIME-TRIAL COMPONENTS**

A race against time. Every detail is crucial. Nothing is left to chance. Lightness and aerodynamics are the watchwords of this sport.

Campagnolo also dedicates a number of special components to time-trial events: bar-end controls, chainrings with a larger number of teeth and ultra-light brake levers in composite material.





- Stopwatch function
- Gear development



- Sprocket self-learning



- Backlit screen
- Acoustic functions



- display of chainring tooth number/sprocket in use and chain position display

**ERGOBRAIN**

ErgoBrain10 is not a cyclecomputer, but a true and proper on-board computer. A simple click on the Ergopower integrated controls gives full access to its multiple functions without removing the hands from the bar.

ErgoBrain 10 is compatible with Campagnolo's 2x10 and 3x10 drivetrains when using the standard bracket and with 2x9 and 3x9 drivetrains if the optional bracket is used.

**STANDARD FUNCTIONS:**

- Auto timer
- Current speed
- Average speed
- Maximum speed
- Trip distance
- ODO
- Clock
- Cadence

**SPECIAL FUNCTIONS:**

- Sprocket self-learning
- Display of chainring/sprocket size (no. of teeth) in use and chain position
- Stopwatch function
- Gear development (rollout)
- Backlit screen

**ACOUSTIC FUNCTIONS:**

- Speed threshold indicator
- Cadence threshold indicator
- Exertion period/recovery period
- Exertion period/recovery period+cadence threshold indicator



## LOW-PROFILE WHEELS

Campagnolo's low-profile wheels are the answer to long-distance rides and steep mountain climbs. These wheels are laterally and torsionally stiff for better power transmission and greater steering precision, while being vertically elastic to absorb the jolts and bumps of badly surfaced roads. Campagnolo's low-profile wheels are distinguishable for the polygonal profile of both rims and the asymmetrical rear rim. The polygonal profile assures vertical elasticity that absorbs a good part of the vibrations transmitted by the ground, thereby providing optimal comfort during long rides. The asymmetrical rear rim, on the other hand, is a technical solution that helps improve wheel dish, hence making it much sturdier.



Symmetrical front wheel profile

Asymmetrical rear wheel profile

These wheels are built with meticulous care. Once assembled, the wheels are hand-inspected using special tools, and the following is checked:

- Lateral trueness
- Vertical trueness
- Dish

An automated phase then follows in which the wheel components are set by simulating a typical running-in period. At the end of this phase the wheels are checked yet again so as to make sure that all the quality parameters relative to trueness and dish comply with Campagnolo's rigorous standards. The Campagnolo wheels are finally ready to be put on the market.

The above procedure clearly explains why Campagnolo wheels perform exceptionally right from the very first stroke.



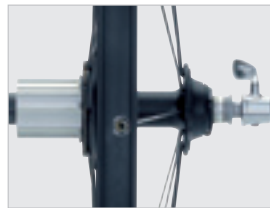


**PROTON**

Light, solid and comfortable. These are the characteristics that distinguish the Proton low-profile wheels.

The rear rim is asymmetrical to improve wheel dish and hence increase wheel sturdiness. The light alloy hubs feature an oversize body and axle besides

high-precision adjustable bearings. The spokes are differential and butted to reduce the wheel's overall weight.



Asymmetrical rear wheel for better dish balancing



Light alloy front hub



Light alloy oversize rear hub



Differential butted spokes



**NEUTRON**

Campagnolo's Neutron wheels were conceived for climbs and long-distance racing. It is not a coincidence that the rim edge absorbs ground roughness, providing the rider with a feeling of comfort. In the clincher version, both rims have been designed especially for added lightness. The rear rim is asymmetrical to improve wheel dish. The Record-series hubs are oversized HPW models and

have a light alloy body and axle, a titanium pawl carrier and quick lubrication ports. The butted aero spokes sport the Ultralinear geometry that distributes loads along the entire length of the spoke, contrary to conventional spoking which concentrates the loads on one point only.



Neutron rear clincher wheel: specially machined and asymmetrical



Record-class front hub



HPW oversized rear hub



Neutron tubular wheel



NEW



NEW



**NEUTRON CARBON**

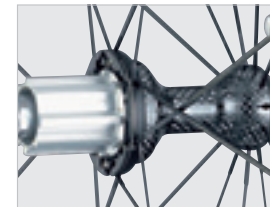
The Neutron Carbon wheels present the same valued qualities of their aluminium counterparts, yet have the additional aesthetic and functional bonuses of a structural carbon hub. Neutron Carbon wheels were designed with two objectives in mind: hard climbs and long rides. The wheels are very light

and reactive, weighing 1500 g a pair, and are ideal for the sudden changes in rhythm when climbing. The polygonal profile, coupled with Ultralinear spoking geometry, produces a laterally stiff wheel that yields the utmost during rapid bursts, while being vertically soft to absorb ground vibrations and roughness. The structural carbon hub has a variable cross-section and is

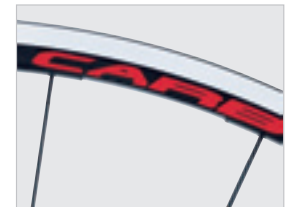
manufactured in-house in Campagnolo's Composites Department. The aesthetical impact is amazing, the overall weight is around 45 g lower than that of aluminium models and the life span is greater, thanks to the intrinsic qualities of composite materials.



Front hub in structural carbon with variable thickness



Rear hub in structural carbon with variable thickness, with titanium pawl carrier



Rim in special aluminium alloy made lighter by a particular machining process

For technical information see page 176



### HYPERON TUBULAR

Hyperon tubular wheels are meant for cyclists who want only the best, and are the same wheels used successfully by leading professionals.

The technological know-how in the field of composites has enabled our engineers to build a wheel that is as strong as its aluminium counterpart, though weighs much less. A pair of

carbon-fiber wheels weighs 300 grams less than a standard aluminium pair. 300 grams that make themselves felt at the first attempt to accelerate or the first burst uphill. One simple pedal stroke is followed by a lightning reaction. The ease with which the pace changes is incredible.

The rims and hubs are made from full carbon. The rear rim is asymmetrical to improve wheel

dish, and the HPW hubs sport Record-class mechanics. The Ultralinear spoking presents butted aero spokes. In order to assure powerful and modular braking, special brake pads must be used on Hyperon tubular wheels.



Front hub in structural carbon with variable thickness



Structural carbon rim for tubular tire



Special brake pads for Hyperon tubular braking surfaces





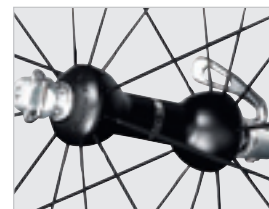
### HYPERON CLINCHER

Hyperon clinchers consist of structural carbon rims and aluminium hubs similar to the Neutron series. The clincher rim is not a simple adaptation of the tubular rim, but has entailed a brand new engineering design. The needs of a clincher rim are completely different to those of tubular rims. Resistance to pumping pressure, high braking temperatures and impacts that

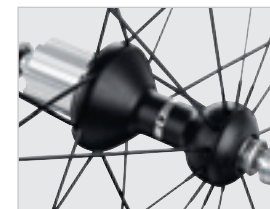
normally affect tubular wheels are not present or are present to a lesser degree. This is why our engineers designed a rim employing materials that meet these new requirements. Hyperon clincher wheels require the use of special brake pads.



Structural carbon rim for clincher tire



Record-class aluminium HPW front hub



HPW rear hub with light alloy axle and freewheel and titanium pawl carrier



Special brake pads for Hyperon clincher braking surfaces



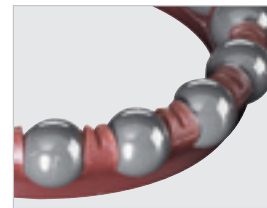
**HYPERON ULTRA CLINCHER**

Hyperon Ultra clinchers, as the name implies, are the non plus ultra of low-profile wheels. The asymmetrical rims are in structural carbon and are meant for use with clincher tires. Hyperon Ultra rims sport Ultralinear spoking and butted aero spokes. The hubs are in structural

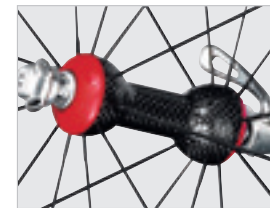
carbon with variable thickness and possess the Record-class mechanics, with one exception: ceramic spheres inside the adjustable bearings. When compared to traditional ones in steel, these spheres provide almost four times as much rolling capacity over time besides a greater resistance to wear.



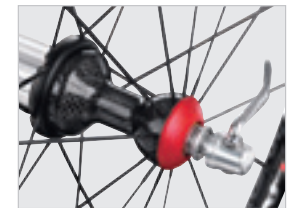
Special brake pads for Hyperon clincher braking surfaces



Ceramic ball bearings assure greater smoothness and resistance to wear



Front hub in structural carbon with variable thickness and ceramic spheres



Rear hub in structural carbon with variable thickness, with titanium pawl carrier and ceramic spheres

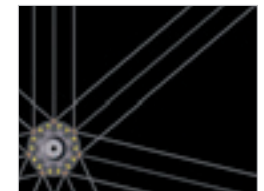




## MEDIUM-PROFILE WHEELS

Campagnolo's medium-profile wheels are multipurpose wheels. As light and reactive as low-profile wheels and as aerodynamic and fast as high-profile wheels, these wheels distinguish themselves for their Campagnolo G3 spoking. This lacing pattern is recognisable for the way in which the spokes converge to one point in groups of threes - two from the right side and one from the left. The results of this technical solution are extraordinary:

- Better transmission of the driving torque.  
Double spokes on the side of the cassette reduces wheel torsion considerably during the thrust action, with a net gain in terms of transfer of the driving torque.
- Improved lateral stiffness. Although, thanks to the G3 design, the spokes are not as tight as those in traditional wheels, the double spoking makes for higher wheel tension overall, thereby resulting in a wheel that has greater lateral stiffness.
- Less tension on the rear wheel spokes.  
Thanks to the doubling of spokes, the latter can be tensioned to much lower values when compared to a conventional wheel, thereby greatly reducing the risk of fatigue failure of spokes and rims.



G3 design

Campagnolo's medium-profile wheels are carefully built in the tiniest of details. After being hand-assembled, they are subjected to a thorough verification of lateral and vertical trueness and dish. The wheels then undergo a running-in period followed by a second check of the above-mentioned parameters. Only after these meticulous inspections have been completed are the wheels ready to be put on the market.



**VENTO**

These are the entry-level wheels of Campagnolo's medium-profile range. The rims consist of a 24 mm medium-profile extrusion, the sides of which are ground to improve the quality of the braking action, and feature special eyelets that offer greater resistance to spoke tension.

The hubs are flanged and are mounted on high-precision bearings. Both wheels sport Campagnolo's exclusive G3 spoking.



24 mm light aluminium alloy medium-profile rim



Hubs with traditional flanges mounted on Hi-Precision bearings, G3 spoking



Machined braking surface for precise and modular braking





**SCIROCCO**

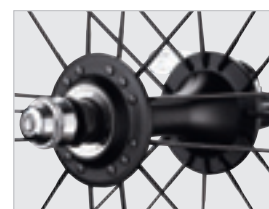
Scirocco wheels offer an extraordinary quality-to-price ratio. They are the ideal wheels for daily training as well as for racing purposes.

The rims consist of a 30 mm medium-profile extrusion, the sides of which are ground.

The hubs are oversized and employ hi-precision bearings for improved smoothness and endurance. The wheels employ Campagnolo's effective G3 spoking.



30 mm medium-profile rim with matt black finish



Oversize front hub



Oversize rear hub



Machined braking surface



**ZONDA**

Zonda wheels sport most of the technical solutions employed in our hi-tech wheels.

The rims consist of a 30 mm medium-profile extrusion, the sides of which are ground. The HPW hubs feature oversized light alloy bodies and axles and standard Record-class components.

Renowned for their excellent quality, Zonda wheel hubs can also be adjusted with the wheels mounted on the bike.

Radial spoking is used on the front wheel to achieve maximum aerodynamic penetration whereas G3 spoking is used on the rear wheel to optimise power transmission.



HPW front hub



HPW rear hub



G3 7x3 spoking



Front wheel with radial spoking





**EURUS**

Eurus wheels are born with a racing spirit. Light and reactive, at the same time they are also aerodynamic and fast. The specially machined Eurus 30 mm rims weigh in at 1560 g. The wheels feature HPW oversize hubs together with Record-class components and quick lubrication ports. The spoking sports the Ultralinear design by

Campagnolo. Radial spoking is used on the front wheel to achieve maximum aerodynamic penetration whereas G3 spoking is used on the rear wheel to optimise power transmission.



Rims made lighter by a special machining process



Ultralinear geometry



Self-aligning nut and plate assembly for optimal load distribution

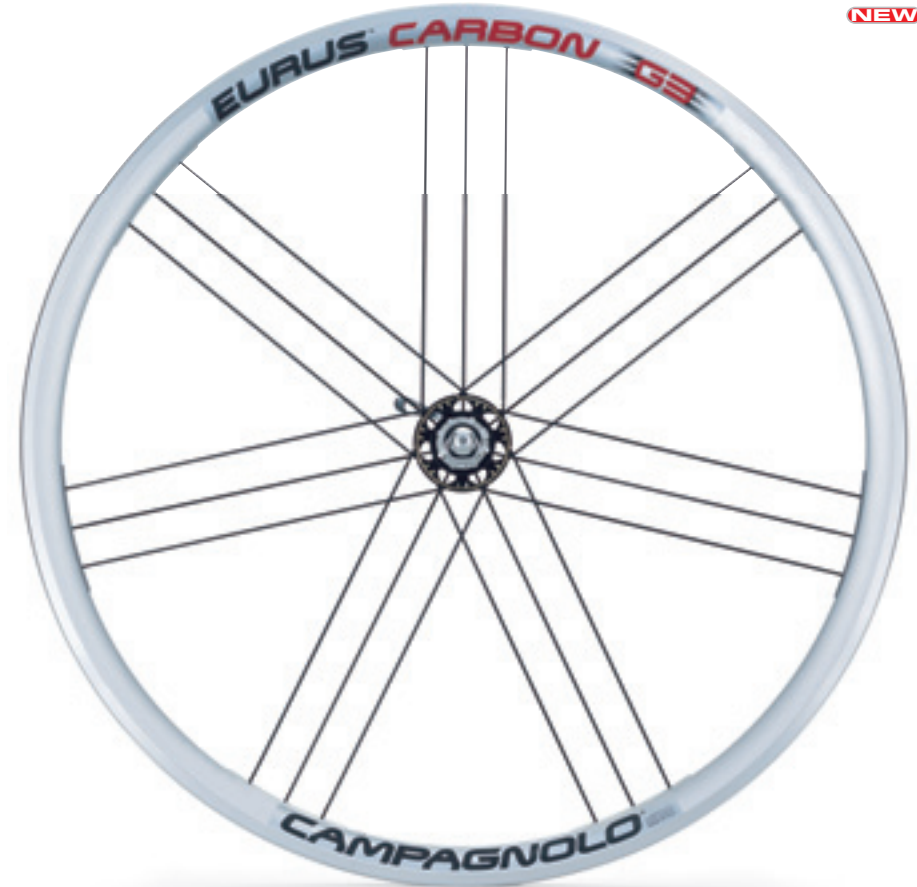


Easy to maintain ultra-light hubs

NEW



NEW



### EURUS CARBON

The new Eurus Carbon wheels are the crème de la crème of Campagnolo's medium-profile range. Light, reactive and aerodynamic, these wheels offer true quality indeed: great lateral and torsional stiffness and a unique balancing of spoke tensions. Eurus Carbon wheels employ the structural carbon hubs from the Bora series,

which proves particularly interesting where the rear wheel is concerned. In fact the rear hub features an oversize flange on the right side which enhances the performance of the G3 spoking and Ultralinear geometry used. The wheels weigh a nominal 1520 g.



Front hub in structural carbon with variable thickness



Rear hub in structural carbon with variable thickness, with oversize flange



Rim with new "Silver" finish



Butted aero spokes with Ultralinear geometry





**HIGH-PROFILE WHEELS**

These wheels are destined to sheer speed, where hundredths of a second make all the difference. Aerodynamics and total power transmission... all the rest comes next. Every wheel component has been designed to provide the best aerodynamic penetration and the best transmission of leg power. It is not a coincidence that this range only features high-profile wheels or disc wheels. Shapes that offer a high stiffness coefficient and a low aerodynamic penetration index.



Bora wheel profile

Campagnolo's high-profile wheels are built with utmost attention given to detail. They are assembled by hand and monitored scrupulously throughout the manufacturing process. In fact, once they are assembled, they are checked carefully for dish and lateral and vertical trueness by means of special instruments. Once the check is complete, the wheels are subjected to a running-in period that sets each individual wheel component. An additional check for dish and trueness follows, forming the basis for wheel acceptance or otherwise by Campagnolo's Quality Control Department.



## BORA

Bora wheels are the prime of wheels designed for speed. Perfect aerodynamics and extensive power transmission, combined with extraordinary lightness, make them the benchmark wheels for leading racing professionals.

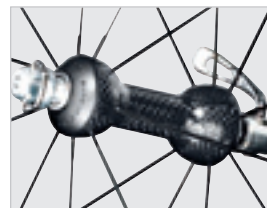
The 50 mm rims are made from structural carbon which imparts great lightness and stiffness. The hubs, made from structural carbon of variable

thickness and sporting spherical surfaces, feature Record-class components with a light alloy axle and freewheel body and titanium pawl carrier. The rear hub features an oversize aluminium flange on the right side which enhances the characteristics of the G3 spoking.

Radial spoking and G3 spoking are used on the front and rear wheels respectively. The nominal weight is slightly greater than 1300 g.



High-profile rim for maximum aerodynamics



Front hub in structural carbon with variable thickness



Rear hub in structural carbon with oversize flange



Special brake pads for Bora braking surfaces





## GHIBLI

Ghibli wheels are the disc wheels par excellence. They were designed by the wind to excel in races against time, where every hundredth of a second counts. Maximum aerodynamics, maximum lightness and maximum stiffness these are what make Ghibli wheels so special.

Ghibli is the one and only wheel of its kind: it features a tensile-structure design adapted from aerospace technology that confers exceptional power transmission while imparting extraordinary lightness. The oversize hub is specific to Ghibli. Ghibli wheels are also available in track versions.



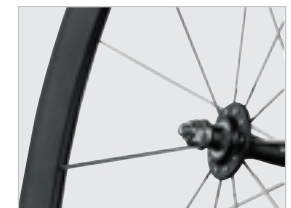
Record-class oversize hubs for Ghibli wheels, in road and track versions



## PISTA

Pista wheels were designed with only one objective in mind: to convert the track racer's energy into pure and simple speed. In track events, weight is of relative importance. The difference is made by the wheel's ability to transmit the cyclist's power completely. With such a theory in mind, our

engineers created an extremely stiff high-profile rim and a spoking pattern that yields the utmost in power transmission. This is how Campagnolo's Pista was born.



High-profile rim with 20-hole spoking on the front and 24-hole spoking on the rear





Bottom bracket milling unit for maximum flatness

Headset milling unit ensures optimum efficiency



Superior quality tool with patented system for aligning/holding in place the chain



The Campagnolo corkscrew faithfully reflects the genius of its inventor, Tullio Campagnolo.

**SUPERLATIVE LUBRICANT**

Campagnolo Superlative chain lubricant is without equal. Campagnolo's Superlative chain lubricant gets right inside the chain, bonds with it at the molecular level and lubricates it like no other lubricant. Result: chain wear is virtually eliminated. Campagnolo's Superlative chain lubricant is totally synthetic, withstands high temperatures,

does not dissolve in water, makes lubrication less frequent and makes the drivetrain run more silently. The ideal lubricant for those who want top performance from their drivetrain.

**TOOLS**

Campagnolo tools are made from the best materials available and are designed specifically for use with Campagnolo components.

Unlike the working instruments generally available over the counter, which are a compromise between various products offered by the market, Campagnolo tools are designed and constructed to be used specifically on Campagnolo products. The use of high-grade steel clearly explains why Campagnolo tools are known to last forever.

**"BIG" CORKSCREW**

The Campagnolo corkscrew faithfully reflects the genius of its inventor, Tullio Campagnolo. A really awkward bottle and a corkscrew that wasn't up to the job were the cause of this new stroke of genius that has not been bettered since 1966. The patented system of the telescopic self-aligning cover always places the screw in the central part of the cork. The large screw in hardened steel with a wide and sharp profile

provides maximum grip on the cork and the two large levers enable the corks to be pulled out of bottles of the finest vintages without disturbing the sediments that are typical of such wines. These technical features and the use of the finest raw materials have made this corkscrew a must, a symbol of genius that is recognized throughout the world.

**MIRO CORKSCREW**

The Miro corkscrew is made for trips out of doors. It combines all the technical features of the "Big" Campagnolo screwdriver in more manageable proportions. Available in the colors: lobster, red and black.

A special transfer sticker shows that the store is part of the Pro-Shop Project and an annual stamp shows that its membership has not lapsed



Each Campagnolo bicycle is issued with the Pro-Shop booklet



The updated list of stores taking part in the Project can be downloaded from the website [www.campagnolo.com](http://www.campagnolo.com)



## PRO-SHOPS

Campagnolo Pro-Shops are carefully chosen by Campagnolo for their know-how regarding Campagnolo products and for their ability to provide a competent, rapid and efficient after-sales service.

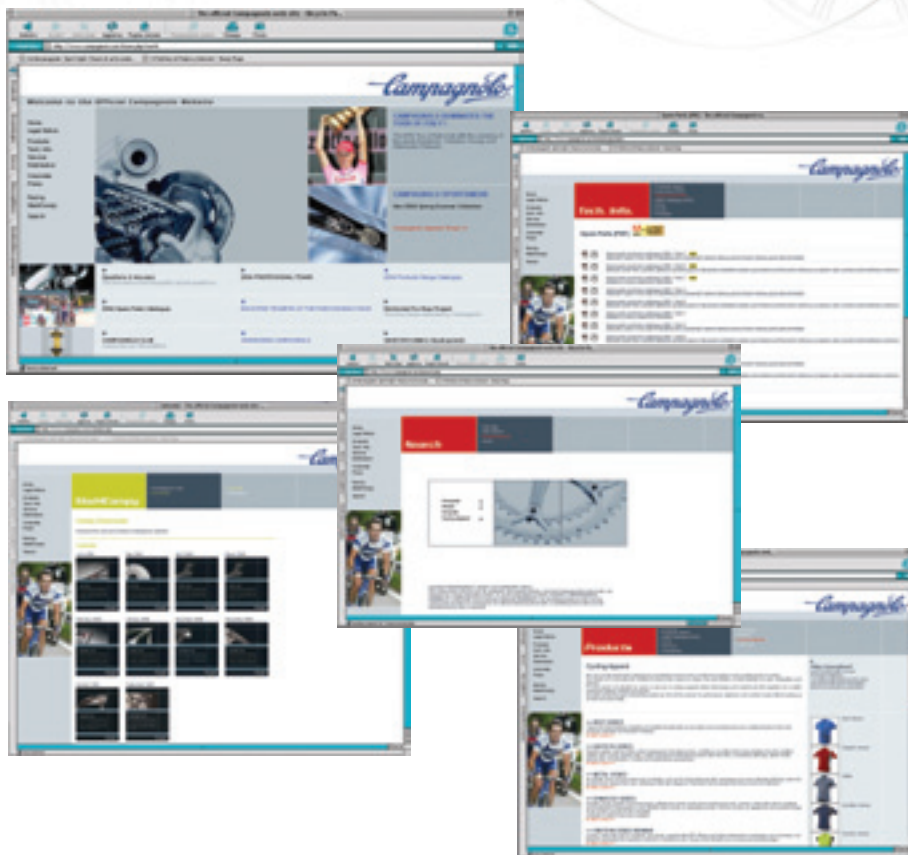
The following requisites are an absolute must for Campagnolo Pro-Shops to be selected:

1. Skilled technical staff employed within the shop. Pro-Shop technicians are highly qualified and participate regularly in specialisation seminars on Campagnolo components and wheels, organized by Campagnolo itself
2. The shops must be fully equipped. Pro-Shop workshops are kitted out with all the tools necessary for effecting correct maintenance on a Campagnolo-equipped bicycle
3. Customer service. Pro-Shops do not limit themselves to offering a product, but assure a rapid and efficient after-sales service, also availing themselves of Campagnolo's Spare Parts Express Service
4. Constant commitment to technical updating. Pro-Shop staff regularly attend meetings and receive technical updates and information via e-mail
5. Use of the Pro-Shop logbook. Every bicycle equipped by Campagnolo must be returned to the user accompanied by a Pro-Shop logbook.

The "Worldwide Pro-Shop Project" is fundamental for Campagnolo. Seeing the high technological content of our components, it soon became necessary for us to organise a network of specialised Campagnolo shops all over the world.

Our scope is to bring Campagnolo's expertise right to your door through your trusted Campagnolo Pro-Shop. An updated list of Campagnolo Pro-Shops may be found on our website at: [www.campagnolo.com](http://www.campagnolo.com).





**WWW.CAMPAGNOLO.COM**

The Campagnolo site is a mine of constantly updated information. Campagnolo.com is graphically very attractive, easy to use and full of information: it covers products, technical information, corporate news, the press office and more sensational packed items such as racing or Mad 4 Campy, the rally of Campagnolo fans. But the most important aspect is the updating: Campagnolo.com is a living site. Each section changes, grows and is enriched with new content daily.



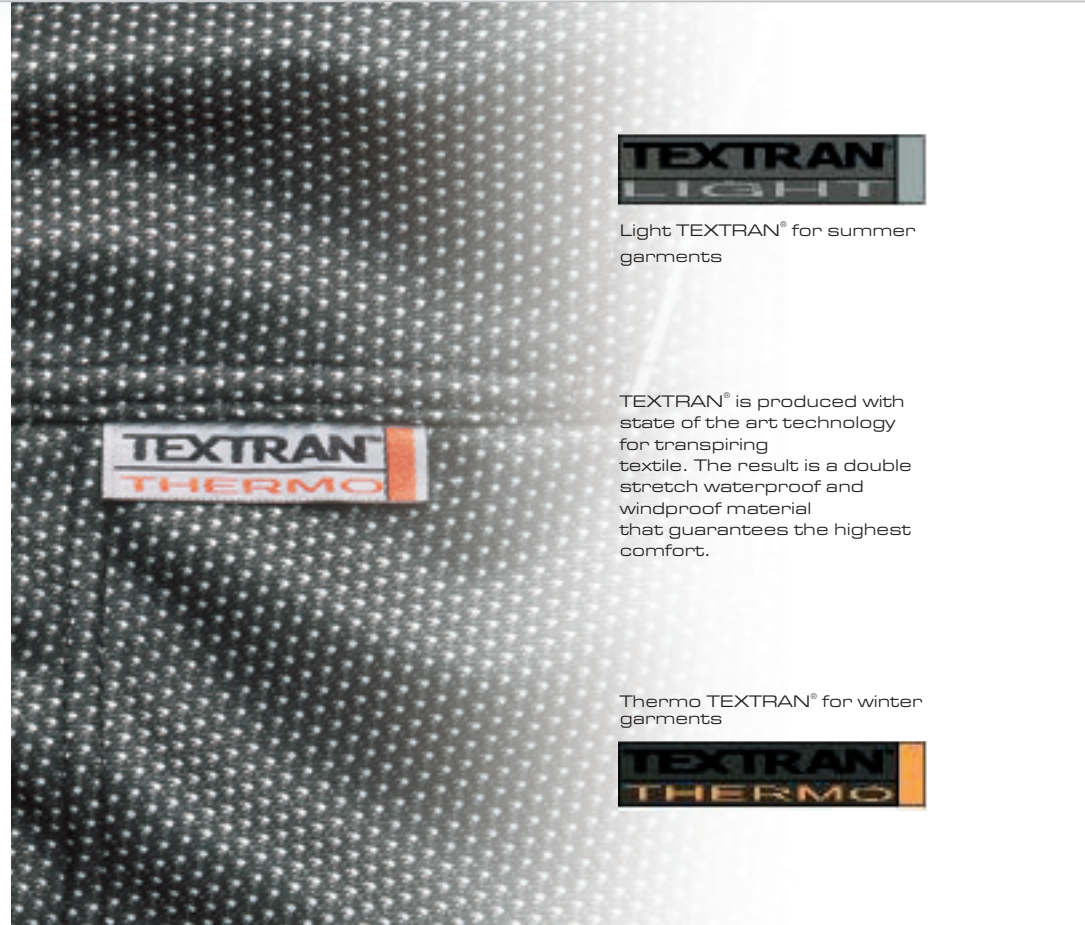
Enhanced Pad Project, Textran, Dynaflex Series, Metal Series, Raytech Series, Next Series, Sensation Series, Emotion Series, Multi Season System are registered trademarks of Campagnolo S.r.l.

HIGH COMFORT FOR RACING  
PERFORMANCE PAD



MAN MODEL

- 1** Three different layers construction for a higher comfort
- 2** Concave lower end for more freedom of movement and air ventilation
- 3** No central seams
- 4** Made with high frequency technology
- 5** Permanent hygienic treatment
- 6** External microfiber with excellent moisture vapour transportation



Light TEXTRAN® for summer garments

TEXTRAN® is produced with state of the art technology for transpiring textile. The result is a double stretch waterproof and windproof material that guarantees the highest comfort.

Thermo TEXTRAN® for winter garments



WOMAN MODEL

Seamless pad with thermoregulating foam



Thermoregulating micro capsules that cool by absorbing excess body heat



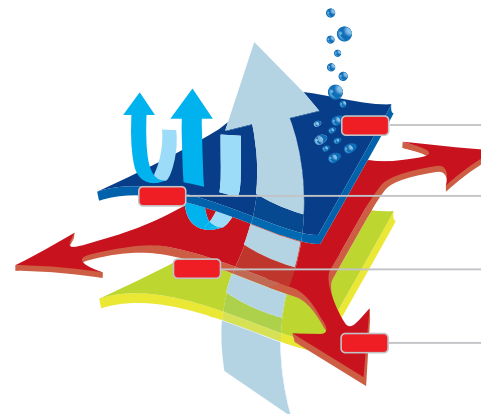
Permanent antibacterial made with silver



Highly stretchable in lengthway and crossway, anatomical fit and optimal breathability



TEXTRAN® is a registered trademark of Campagnolo Cycling Apparel



- 1** Waterproof
- 2** Windproof
- 3** Transpiring
- 4** Double Stretch (Single Stretch for jackets and vests)



TOTAL LOOK



C301

C320

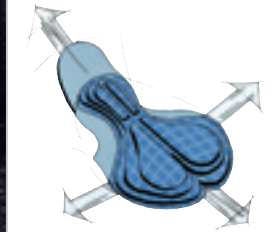
C233

C076

C312



Exclusive photographic imaging



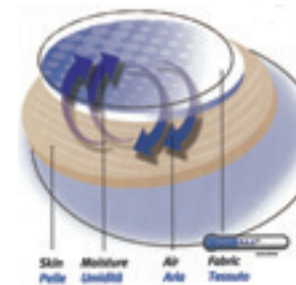
4WAY PAD



4Ways EPP 3 layer chamois

Jerseys made in Coolmax®Everyday

Fabric dries quickly and moves moisture away from body



Ziplock locking zipper

**C301**

NEXT  
Waterproof  
Jacket



**C315**

NEXT  
Light Txn  
Jacket



**C317** **NEW**

NEXT  
Printed  
Jersey



**C320** **NEW**

NEXT  
Long Sleeve  
Jersey



**C322** **NEW**

NEXT  
Full Zip Jersey

Waterproof and breathable jacket.  
Taped seams  
Rainhood with velcro  
Self containing external waist bag with closure

**S - XXL**



Jacket made in Light Textran windproof, breathable and stretchable fabric  
Reflective Logo

**S - XXL**



Long sleeve jersey made in Coolmax® fabric  
Optimal breathability and fast moisture transport  
RECORD print

**S - XXL**



Long sleeve jersey made in Microfiber winter fabric with Coolmax®  
Dry faster thanks to Coolmax®  
Three rear pockets

**S - XXL**





**C312**

NEXT  
Thermo Bib



Six panel bib made in Microfiber winter fabric  
Reflective Logo  
Anatomical EPP with 3 layer chamois

**S - XXL**



BLACK



**C313**

NEXT  
Thermo Knickers



Bib knickers made in Microfiber winter fabric  
Anatomical EPP 3 layer chamois  
Reflective Logo

**S - XXL**



BLACK



**C076**

NEXT  
Thermo Txn Man  
Gloves



Man gloves made in water and windproof Thermo Textran fabric  
Transfer Logo

**S - XXL**



BLACK FIRE LAKE SUN



**C232** **NEW**

NEXT  
Overshoes



Overshoes made in thermal material  
Teflon® water repellency treatment

**S - XXL**



BLACK ROAD



**C124** **NEW**

NEXT  
Hood Neck  
Cover



Microfleece hood with coulisse closure to protect the neck.

**ONE SIZE**



BLACK FIRE LAKE SUN GRAY

**C233** **NEW**

NEXT  
Armwarmer



Armwarmer made in thermal, stretchable Microfiber fabric  
Teflon® water repellency treatment

**S - XXL**



BLACK



TOTAL LOOK



C106



C108



C136



C186



C137



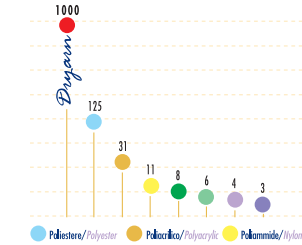
Reflective logos and tapes



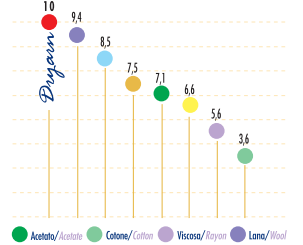
EPP 3 layer chamois with X-Static®

Bibs and shorts with contrasting colored stitchings

CAPACITÀ DI ESPULSIONE DEL SUDORE  
SWEAT EXPULSION RATES



CAPACITÀ DI MANTENERE LA TEMPERATURA CORPOREA  
KEEPING THE BODY TEMPERATURE





**C106**

RAYTECH  
Interseason Thermo  
Txn Jacket



**C191**

RAYTECH  
Convertible Light  
Txn Jacket



**C094**

RAYTECH  
Taped  
Txn Jacket



**C090**

RAYTECH  
Interseason Light  
Txn Vest



Jacket made in breathable and windproof Thermo Textran fabric.  
Back panel made in thermal Microfiber winter fabric. Reflective Campagnolo tag  
Front cellular phone pocket  
Reflective logo and tape

**S - XXL**



**RUBY ZEPHIR JADE**



Jacket with Light Textran front panel, windproof, breathable and stretchable fabric. Removable zipped sleeves  
Back made with jersey fabric  
Back pocket with zip  
Reflective Campagnolo tag

**S - XXL**



**RUBY ZEPHIR JADE**



Waterproof jacket made in Light Textran, breathable and stretchable fabric  
Removable sleeves  
Taped seams  
Reflective Campagnolo tag  
Rainhood with Velcro

**S - XXL**



**GLASS**



Vest with Light Textran front panel, windproof, breathable and stretchable fabric  
Back mesh.  
Mesh back pocket with zip  
Reflective Campagnolo tag

**S - XXL**



**RUBY ZEPHIR JADE**



**C134** **NEW**

RAYTECH  
Wind Shield



**C108**

RAYTECH  
Long Sleeve  
Jersey



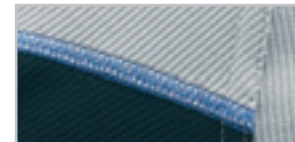
**C135** **NEW**

RAYTECH  
Bicolor Jersey



**C140** **NEW**

RAYTECH  
Knickers



Light windshield jacket  
"Road like" reflective back tape  
Self containing external waist bag with closure

Long sleeve jersey made in thermal  
Microfiber winter fabric  
Reflective Campagnolo tag  
Double back pocket.  
Front cellular phone pocket

Long sleeve jersey made in Microfiber  
winter fabric  
Reflective Campagnolo tag  
Flat colored stitching

Bib Knickers in Polypropylene winter  
fabric. Flat contrasting stitchings.  
Reflective tape and tag.  
EPP 3 layer chamois with X-Static®.

**S - XXL**



RUBY ZEPHIR JADE

**S - XXL**



RUBY ZEPHIR JADE

**S - XXL**



RUBY ZEPHIR JADE

**S - XXL**



RUBY ZEPHIR JADE





**C136** **NEW**

RAYTECH  
2P Thermo  
Bib Pants



**C141** **NEW**

RAYTECH  
No pad Thermo  
Textran Bib



**C110**

RAYTECH  
Interseason Thermo  
Txn Bib



**C109**

RAYTECH  
Interseason Light  
Txn Bib



**C187**

RAYTECH  
Legwarmer Thermo

Bib made in Polypropylene winter fabric  
Anatomical EPP 3-layer chamois with  
X-Static® silver fibre  
Permanent antimicrobial with thanks to  
X-Static® silver fibre  
Flat colored stitching

**S - XXL**



**RUBY ZEPHIR JADE**



Bib with Thermo Textran front panel  
Reflective Campagnolo tag  
Anatomical 3-layer EPP chamois with  
X-Static® silver fibre, permanent  
antimicrobial  
Reflective insert on the ankle

**S - XXL**



**BLACK**



Six panel bib. Front made in Light Textran  
windproof, breathable and double  
stretchable fabric. Back made in  
Polypropylene. Reflective Campagnolo tag  
Anatomical 3-layer EPP chamois with  
X-Static®. Reflective insert on the ankle.

**S - XXL**



**BLACK**



Legwarmer with thermal Lycra®  
Flat stitching

**S - XXL**



**BLACK**

**C186**

RAYTECH  
Armwarmer  
Thermo



**C137**

RAYTECH  
Thermo Glove



**C189**

RAYTECH  
Overshoes



**C401**

RAYTECH  
Thermo Txn Overshoes



Armwarmer with thermal Lycra®  
Flat stitching

**S - XXL**



**BLACK**

Gloves made in Thermo Textran  
Reflective piping  
Watch window

**S - XXL**



**RUBY ZEPHIR JADE**



Overshoes made in water and windproof  
Light Textran fabric  
Back reflective tape

**S - XXL**



**BLACK**



Overshoes made in water and windproof  
Thermo Textran fabric  
Reflective tape on the front seam  
Reflective back velcro closure  
Flat stitching

**S - XXL**



**BLACK**





TOTAL LOOK



C200

C201

C203

C034

C042



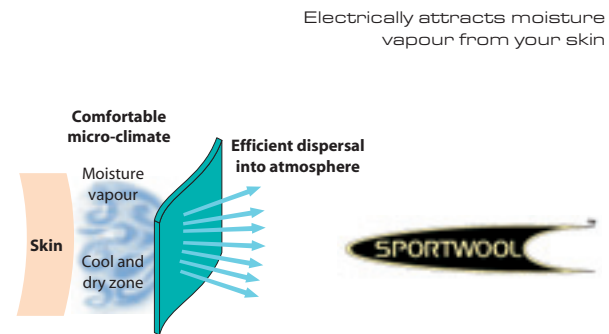
Zip with neck protection

THE COOLPAD™



EPP three layer chamois with Cool Pad®

Reflective and stretching pipings



Electrically attracts moisture vapour from your skin



**C200**

METAL  
Light Txn X-S  
Waterproof Jacket



**C040**

METAL  
Thermo  
Txn Jacket



**C013**

METAL  
Txn Windshield Jacket



**C056**

METAL  
Color Thermo  
Txn Jacket



Waterproof jacket with removable insert  
External: Light Textran breathable, waterproof and stretchable  
Internal: removable insert with silver fibre  
Permanent antimicrobial, antistatic and thermo-regulating  
Self-containing back pocket. Taped seams  
Bottom with Campagnolo silicon gripper  
Stretchable and reflective piping  
**S - XXL**



TITANIUM

Jacket made in Thermo Textran, windproof, breathable and stretchable  
Internal flap  
Bottom with Campagnolo silicon gripper  
Back pocket with reflective insert  
Stretchable and reflective piping

**S - XXL**



ZIRCONIUM



BLUE STEEL



TITANIUM



BICOLOR



Jacket made in Light Textran windproof fabric, breathable and stretchable  
Internal flap  
Double back pocket with gripper.  
Bottom with Campagnolo silicon gripper  
Zip with neck protection  
Stretchable and reflective piping

**S - XXL**



ZIRCONIUM



BLUE STEEL



TITANIUM



RED COPPER



Jacket made in ThermoTextran windproof, breathable and stretchable fabric  
Neck closure with coulisse.  
Bottom with Campagnolo silicon gripper  
Cuff zipper. Back pockets and cellular phone pocket on left arm

**S - XXL**



ZIRCONIUM



BLUE STEEL



TITANIUM



RED MERCURY





**C002**

METAL  
Txn Windshield Vest



**C205** **NEW**

METAL  
X-S Jersey



**C201**

METAL  
X-S Wool Long Sleeve



**C204** **NEW**

METAL  
Long Sleeve  
Jersey



Vest made in Light Textran windproof, breathable and stretchable fabric. Internal flap. Drawcord sleeve closure with ministopper. Drawcord waist closure. Stretchable and reflective piping. Bottom with Campagnolo silicon gripper. Zip with neck protection

**S - XXL**



Long sleeve jersey made in X-Static® silver fibre. Permanent antimicrobial thanks to X-Static® silver fibre. Triple back pocket

**S - XXL**



Long sleeve jersey made in Merinos wool. Maintains the natural micro-climate. X-Static® panels with silver fibre. Permanent antimicrobial, antistatic and thermo-regulating. Waterproof triple back pocket

**S - XXL**



Long sleeve jersey made in Microfiber stretchable fabric. Triple back pocket

**S - XXL**



**C042**

METAL  
Thermo Txn  
Bib Pants



**C043**

METAL  
Light Txn  
Bib Pants



**C043b**

METAL  
Light Txn Bib  
Pants No Pad



**C044**

METAL  
Light Txn  
Knickers

**C088**

METAL  
Thermo Textran  
Balaclava



Balaclava made in water and windproof Thermo Textran fabric  
Adjusting closure with coulisse

**M - L**



**ZIRCONIUM**



**C081**

METAL  
Light Textran  
Cap



Under helmet cap made in water and windproof Light Textran fabric

**ONE SIZE**



**ZIRCONIUM**

Bib pants made in Thermo Textran fabric,  
6 panel construction  
Anatomical 3-layer EPP chamois with  
Cool Pad®  
Reflective insert on the ankles  
Stretchable and reflective piping

**S - XXL**



**ZIRCONIUM TITANIUM**



Bib pants made in Light Textran fabric,  
6 panel construction  
Anatomical EPP 3-layer chamois with  
Cool Pad®  
Stretchable and reflective piping

**S - XXL**



**ZIRCONIUM**



Bib knickers in Light Textran fabric  
Anatomical EPP 3-layer chamois with  
Cool Pad®  
Silicon ankle gripper with Campagnolo  
logo

**S - XXL**



**ZIRCONIUM**





**C082**

METAL  
Thermo Textran  
Headband



Headband made in water and windproof  
Thermo Textran fabric  
Reflective tape on the back

**M - L**



**ZIRCONIUM**



**C404**

METAL  
Thermo  
Txn Mask



Facemask made in water and wind-  
proof Thermo Textran fabric  
Adjusting closure with velcro

**ONE SIZE**



**ZIRCONIUM**



**C086**

METAL  
Light Textran  
Armwarmer



Armwarmer made in water and windproof  
Light Textran fabric with Lycra®

**S - XXL**



**ZIRCONIUM**



**C097A**

METAL  
Armwarmer



Armwarmer with Lycra®  
Flat stitching

**S - XXL**



**ZIRCONIUM**



**C087**

METAL  
Light Textran  
Legwarmer



Legwarmer made in water and windproof  
Light Textran fabric with Lycra®  
Zip ankle closure

**ONE SIZE**



**ZIRCONIUM**



**C096A**

METAL  
Legwarmer



Legwarmer with Lycra®  
Flat stitching

**S - XXL**



**ZIRCONIUM**



TOTAL LOOK



C514

C506

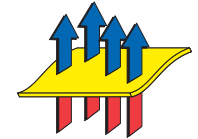
C512

C184

C509



Multipanel fit without central seams



Fabric dries quickly and moves moisture away from body



3 layer EPP Fusion chamois with Cool Pad®



Air Pocket Gear system

**C514** **NEW**

DYNAFLEX  
Thermo Jacket



**C511**

DYNAFLEX  
Jacket



**C506** **NEW**

DYNAFLEX  
Combi Jersey



Jacket made of breathable, stretchable, waterproof thermal Nylon  
Shoulder zippered ventilation openings  
APGs  
Seamless protection on elbows  
Reflective inserts on forearm and back

**S - XXL**

**CARBON AVIO PLATINUM**



Jacket made of breathable, stretchable and waterproof Nylon.  
Reflective inserts on back and elbows  
Zippered ventilation openings on back and shoulders  
Back zipped pocket

**S - XXL**

**CARBON PLATINUM**



Long sleeve jersey made in Polypropylene Rapid Dry®  
Back pocket with pull-out windshield jacket  
Back reflective tape

**S - XXL**

**CARBON AVIO PLATINUM**





**C508** **NEW**

DYNAFLEX  
Waterproof  
Bib Pants



**C509** **NEW**

DYNAFLEX  
Thermo Fusion  
Bib Pants



**C512** **NEW**

DYNAFLEX  
Thermo Gloves



**C513** **NEW**

DYNAFLEX  
Thermo Overshoes



Overshoes made in thermal stretchable Nylon. Reflective mesh and reflective stretchable piping. Reinforced with stretchable Kevlar® on the sole

**S - XXL**



Bib made in waterproof Light Textran  
Taped seams  
EPP Seamless Fusion chamois with  
Cool Pad®

**S - XXL**



**CARBON**



Bib made in Thermo Textran  
Flat stitching  
EPP Seamless Fusion chamois with  
Cool Pad®

**S - XXL**



**CARBON TITANIUM**



Gloves made in Thermo Textran  
Stretchable mesh on fingers  
Reflecting piping

**S - XXL**



**CARBON AVIO PLATINUM**



**C184**

DYNAFLEX  
Overshoes



Overshoes made of honeycomb Lycra with Moovix®. Double stretchable mesh  
Reflective mesh and stretchable piping  
Reinforced with Kevlar®

**S - XXL**



**CARBON**



TOTAL LOOK



C160



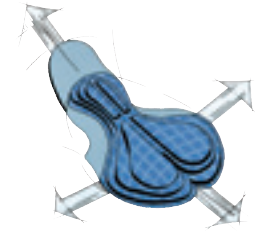
C171



C173



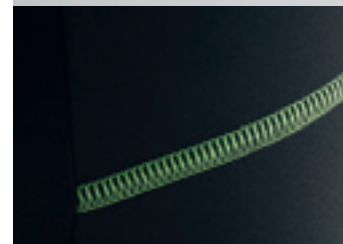
C076D



4WAY PAD



4Ways EPP 3 layer chamois



Contrasting stitchings

breathe

Jacket with breathable fabric



Reflective and stretching piping

**C170** **NEW**

EMOTION  
Thermo Txn  
Jacket



Jacket made in Thermo Textran  
Reflective piping  
Double zippered pocket

**XS - XL**



**C160**

EMOTION  
Woman Jacket



Jacket made of breathable and water-  
proof Tactel® Nylon. Reflective piping  
Bib made in thermal stretchable  
Microfiber winter fabric  
Contrasting stitching

**S - XXL**



**C171** **NEW**

EMOTION  
Woman Long  
Sleeve Jersey



Long sleeve jersey  
Microfiber winter fabric  
Double back pocket

**XS - XL**



**C173** **NEW**

EMOTION  
Woman  
Bib Pants



Bib made in thermal stretchable Microfiber  
winter fabric  
Contrasting stitching  
Anatomical stretchable EPP 4ways 3-layer  
chamois

**XS - XL**





TOTAL LOOK

C079



C070

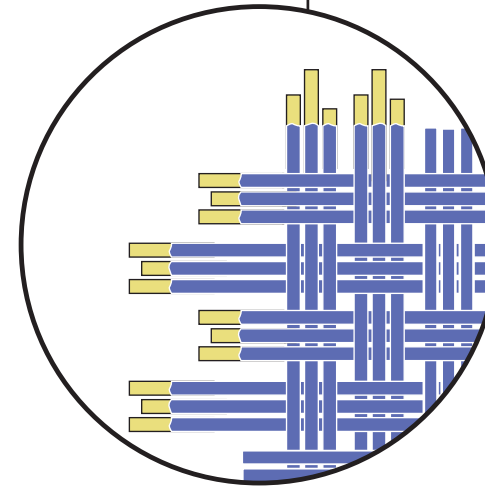
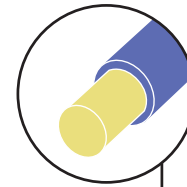


C071



C164

Pactive®

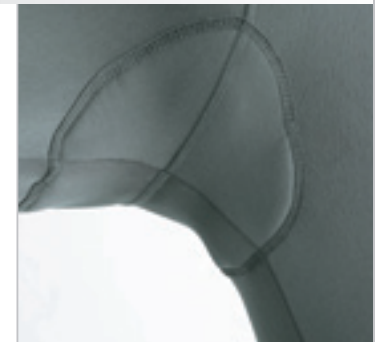


Reflective and stretching piping

Jacket made of water repellent ultra light fabric



EPP 3 layer chamois with X-Static®



Flat stitchings for bibs and pants

**C079** **NEW**

SENSATION  
Lady Light  
Jacket



Windshield light jacket  
Self containing back pocket  
Reflective piping

**XS - XL**



**ALLUMINIUM**



**C070**

SENSATION  
Lady Long Sleeve  
Thermo Light



Long Sleeve woman jersey made in  
microfiber winter fabric.  
Side opening with zip.  
Side pockets.

**XS - XL**



**ZIRCONIUM**



**SKY**



**LILLY**

**C071**

SENSATION  
Lady Convertible  
Pants



Bib pants made in thermal  
Microfibre  
Back reflective tape  
Removable suspenders  
Ankle zip closure  
Anatomical woman  
specific EPP 3-layer  
chamois with X-Static®  
Permanent antimicrobial  
thanks to X-Static® silver  
fibre

**XS - XL**



**ZIRCONIUM**



**TITANIUM**



**C175** **NEW**

SENSATION  
Lady Light TXN  
Bib Pants



Bib with Light Textran  
front panel  
Back panel in  
Polypropylene winter  
fabric  
Anatomical EPP 3-layer  
chamois with X-Static®

**XS - XL**



**ZIRCONIUM**



**SKY**



**LILLY**



**C164** **NEW**

SENSATION  
Lady Thermo  
Headband



Headband made in thermal stretchable  
Microfiber winter fabric

**ONE SIZE**



**ZIRCONIUM**



**TITANIUM**

**C076D**

SENSATION  
Lady Thermo Txn  
Gloves



Woman gloves made in  
water and windproof  
Thermo Textran fabric

**XS - XL**



**CHERRY**



**LIME**



**BLACK**



TOTAL LOOK

C228

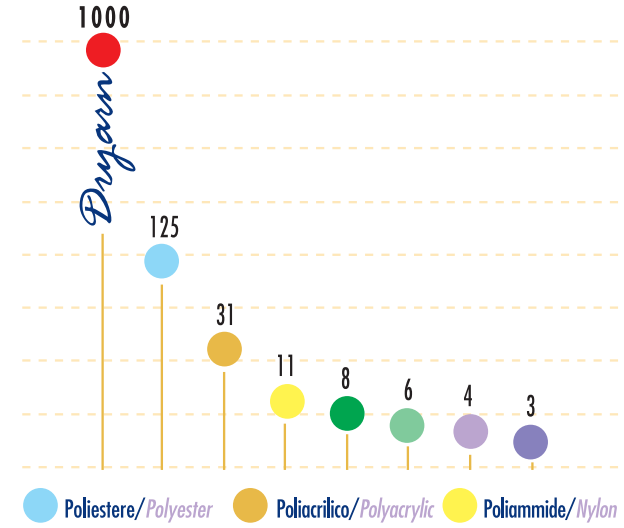


C229

C403



CAPACITA' DI ESPULSIONE DEL SUDORE  
SWEAT EXPULSION RATES



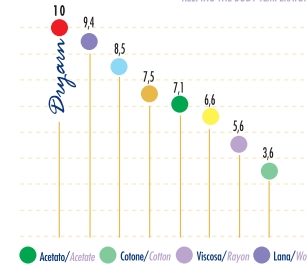
Seamless Polypropylene construction



Seamless Jacquard jerseys made with Polypropylene and X-Static® silver fiber

Polypropylene net with front Light Textran protection

CAPACITA' DI MANTENERE LA TEMPERATURA CORPOREA  
KEEPING THE BODY TEMPERATURE



Jerseys and socks made in X-Static® silver fiber thermo-regulating and permanent antibacterial



**C228**

M.S. SYSTEM  
Jacquard Long Sleeve



Long sleeve stretchable jersey with X-Static® + Polypropylene  
Underarm made in X-Static® silver fibre  
Seamless construction

**S - XXL**



TITANIUM

**Xstatic SEAMLESS**

**C227**

M.S. SYSTEM  
Seamless X-S Long Sleeve



Jersey with Polypropylene + X-Static®  
Underarm area with X-Static®  
Jacquard Logo  
Seamless construction

**XS - XXL**



TITANIUM

**Xstatic SEAMLESS**

**C229**

M.S. SYSTEM  
Seamless X-S Boxer



Boxer with Polypropylene + X-Static®  
Seamless construction  
Jacquard Logo

**XS - XXL**



TITANIUM

**Xstatic SEAMLESS**

**C402** **NEW**

M.S. SYSTEM  
X-S Overall Jersey



Long sleeve jersey made in X-Static® silver fibre  
Permanent antimicrobial thanks to X-Static® silver fibre  
Flat stitching  
Neck opening with zip

**S - XXL**



TITANIUM

**Xstatic**

**C028**

M.S. SYSTEM  
Jacquard Long Sleeve



Long sleeve shirt in Polypropylene and Polyester double layer fabric. Keeps the body dry and regulates body temperature.  
Flat stitching

**S - XXL**



TITANIUM

**C027**

M.S. SYSTEM  
Jacquard T-Shirt



T-shirt in Polypropylene and Polyester double layer fabric  
Keeps the body dry and regulates body temperature.  
Flat stitching

**S - XXL**



TITANIUM

**C100**

M.S. SYSTEM  
Windshield Jersey



**C098**

M.S. SYSTEM  
Windshield  
Sleeveless



Sleeveless jersey with  
Polypropylene net  
Front wind protection  
in Light Textran  
Flat stitching

**S - XXL**



**OXIDE**



**C120**

M.S. SYSTEM  
Seamless Net  
Sleeveless



**C131** **NEW**

M.S. SYSTEM  
T-Shirt



Short sleeve jersey  
Flat stitching

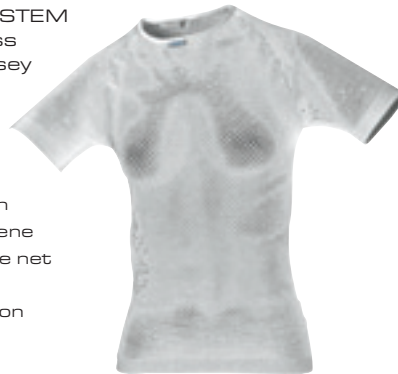
**S - XXL**



**TITANIUM**

**C121**

M.S. SYSTEM  
Seamless  
Net Jersey



Jersey with Polypropylene net  
Front wind protection in Light Textran  
Flat stitching

**S - XXL**



**OXIDE**



Jersey with  
Polypropylene  
stretchable net  
Seamless  
construction

**XS - XXL**



**OXIDE**



**SEAMLESS**

Sleeveless jersey with Polypropylene  
stretchable net. Seamless  
construction.

**S - XXL**



**OXIDE**



**SEAMLESS**

**C132** **NEW**

M.S. SYSTEM  
System Sleeveless



Underwear sleeveless  
jersey Flat stitching

**S - XXL**



**TITANIUM**

**C403**

M.S. SYSTEM  
X-S 2P Socks



\_ Socks made in X-Static® silver fibre and Polypropylene  
Permanent antimicrobial and thermo-regulator thanks to X-Static® silver fibre  
Front mesh

**S - XXL**



**TITANIUM**



**C231** **NEW**

M.S. SYSTEM  
Thermo Net Socks



Socks made in ThermoLite® fibre  
Net mesh

**S - XXL**



**TITANIUM**



**C035**

M.S. SYSTEM  
Thermo Socks



Thermal socks  
Keeps the dry and regulates temperature.  
Front mesh  
Sole gripper

**S - XXL**



**ZIRCONIUM**



**C036**

M.S. SYSTEM  
Light Socks



Socks made in special fabric cotton  
Fast wicking of sweat towards the outside. Keeps dry  
Front mesh  
Sole gripper

**S - XXL**



**TITANIUM**



**C102** **NEW**

M.S. SYSTEM  
No Friction  
Socks



No friction socks  
Protect toe and heel from friction  
Net mesh

**S - XXL**



**TITANIUM**



**C230** **NEW**

M.S. SYSTEM  
C-Max Socks



Coolmax® socks  
Dry faster

**S - XXL**



**OXIDE**







The new, in 4 ways stretchable cycling pad out of micro fine polyester filament, is a special laminate. This high tech product guarantees for the following properties: highly stretchable in lengthways and crossways, anatomical fit, an optimal breathability provides the build up of heat, excellent moisture transport, durable hygienic, easy care, washable at 40°C

© REGISTERED TRADEMARK OF CHR. ESCHLER AG



Superior moisture management properties. It dries faster than competitive fabrics. Proven to reduce body temperature and to lower heart rate. Surpasses competitive fabrics in comfort index rating. Meets the highest DuPont standards for performance certification.

© DUPONT REGISTERED TRADEMARK USED UNDER LICENCE BY DUPONT SABANCI



The Cool Pad™ is a first in multi-functional cycling seat pads containing ComforTemp® foam for added seat comfort and protection. ComforTemp® foam incorporates Thermoasorb® micro capsules which cool by absorbing excessive body heat produced during rigorous activity. The permanent Hygienic® protection fabric of the Cool Pad™ combats perspiration odors and protects against bacterial attack.

© REGISTERED TRADEMARK OF CHR. ESCHLER AG

breathe

The fabric has been treated with a polyurethane coating containing thousands of tiny pores invisible to the naked eye. This microporous coating keeps out wind and rain, while allowing perspiration to escape freely at all times.

© REGISTERED TRADEMARK OF UCB



It Keeps the body dry. Transferring perspiration to the exterior.

© BY CORTESSE



X-static® is a high performance fiber system made with pure silver. Silver is naturally antimicrobial, enabling X-static® to safely inhibit the growth of odor-causing bacteria and fungi in this product. Silver also has the best possible thermodynamic properties, so you will stay cooler in the summer and warmer in the winter. X-static® is safe and natural and will last for the life of the product.

© REGISTERED TRADEMARK OF NOBLE FIBER TECHNOLOGIES, INC



High-grade protection against UVA and UVB thanks to Meryl® Microfibre, a fiber that uses titanium to create an UV filter. With its great opaqueness Meryl® Microfibre is a highly effective filter against the sun rays.

© REGISTERED TRADEMARK BY NYLSTAR CD



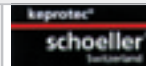
Seamless model with CoolPad® thermo regulating foam inside.

© REGISTERED TRADEMARK OF CHR. ESCHLER AG

HYGIENIC®

This permanent Hygienic® protection prevents the propagation of undesirable bacteria. Fabric damage and unpleasant odors are prevented. The result is a cleaner, more comfortable garment.

© REGISTERED TRADEMARK OF CHR. ESCHLER AG



Decades of research are making their mark: schoeller®-keprotec®, the high-tech fabric meets the highest requirements in terms of tear resistance and durability and offers maximum protection.

© REGISTERED TRADEMARK OF SCHOELLER TEXTIL AG



Pittard Hairsheep selection ensure the characteristic beauty of look and feel but with high tensile strength even at the lightest substance.

© REGISTERED TRADEMARK OF PITTARD PLC



Dry skin and comfort in all climates. Super light fabric (from the lightest fiber in nature). Stain resistant, completely aseptic, anallergic, 100% recyclable. Easy to wash and dry.

© REGISTERED TRADEMARK AQUAFIL ASOLA, ITALY



Total comfort, high stretch and compression in all directions. Improves skin breathing and quickly removes sweat. Strong and adherent. Micro-massage action on the skin. Sanitizer® anti-bacteria treatment which guarantees a total hygiene.

© REGISTERED TRADEMARK OF INDUSTRIA CENTENARI E ZINELLI spa



Greatly enhances your safety at night and in bad visibility situations by creating an extremely bright image that motorists are able to see even from long distances.

© 3M REGISTERED TRADEMARK



Pittard Hairsheep selection ensure the characteristic beauty of look and feel but with high tensile strength even at the lightest substance.

© REGISTERED TRADEMARK BY NYLSTAR CD



Sportwool electrically attracts moisture vapour molecules away from your skin and expels them out to the atmosphere. This maintains the natural, comfortable micro-climate next to your skin. For best results always check the care instructions.

© SPORTWOOL REGISTERED TRADEMARK OF THE WOOLMARK COMPANY



Engineered hollow-core fiber technology creates a lightweight, insulating layer of warm air. Warmer than other fabrics at equal weight.

© DUPONT REGISTERED TRADEMARK



Pactive® is based on a carefully thought-out technology to provide its many different functions permanently. The new characteristics: fibers with Pactive are encased within an intelligent sleeve, which protects the fabric permanently against the loss of its special properties. Pactive can be folded down very compactly.

© REGISTERED TRADEMARK BY PLOUCQUET



Lykra® in sportswear adds: performance through its technology, comfort, ease of movement and shape retention.

© LYCRA IS A REGISTERED TRADEMARK OF INVISTA PREMIUM STRETCH FIBERS AND FABRICS.



Teflon® provides maximum water and stain repellence without affecting breathability of the fabric.

© DUPONT REGISTERED TRADEMARK



The Tactel® range adds the essential practical benefits demanded nowadays: softness, lightness, strength, easy care and versatility.

© TACTEL IS A REGISTERED TRADEMARK OF INVISTA FOR TACTILE AND AESTHETIC SPECIALTY FIBERS AND FABRICS

**Congratulations** for purchasing a product of Campagnolo Sportswear S.r.l. (hereinafter "CAMPAGNOLO SPORTSWEAR").

Should your product be defective, it will be repaired or substituted, in accordance to what set forth in this warranty (hereinafter the "Warranty") within 30 (thirty) days from receipt of the product by CAMPAGNOLO SPORTSWEAR.

**1**  
**1**  
**OBJECT**

Products covered by this Warranty are all CAMPAGNOLO SPORTSWEAR's products bearing the Campagnolo trademark and listed in CAMPAGNOLO SPORTSWEAR's catalogues (hereinafter the "Products") sold on the market, in Italy and abroad, by CAMPAGNOLO SPORTSWEAR's resellers. CAMPAGNOLO SPORTSWEAR warrants, in accordance to what set forth in this Warranty, that the Products are free from defects in materials and workmanship. This Warranty does not affect the consumer's rights towards the seller provided for under the applicable national legislation on sale of consumer goods (for purchases made in Italy, articles 1519 bis and following of the Italian Civil Code).

**2**  
**2**  
**FORFEITURE OF WARRANTY**

This Warranty shall apply only in favour of the first purchaser end-user of the Product (hereinafter the "Customer"), is not assignable and shall automatically cease to be effective as soon as the Product is transferred by the Customer to any third party. This Warranty shall also not apply in case of non-compliance by the Customer with the Product's maintenance and washing instructions given by CAMPAGNOLO SPORTSWEAR or attached to the Product. Customer shall, subpoena of forfeiture, immediately report the existence of any defects in the Products by giving written notice thereof - within 60 (sixty) days from the date in which the defects have been (or should have been) discovered - to CAMPAGNOLO SPORTSWEAR's reseller who sold the defective Product to the Customer (hereinafter the "Reseller").

**3**  
**3**  
**TERMS AND DURATION OF THE WARRANTY**

This Warranty shall remain in full force and effect for a period of 2 years from the date in which Customer has purchased the Product.

**4**  
**4**  
**CONTENTS OF THE WARRANTY**

Any weights, measures and dimensions as well as any other data contained in CAMPAGNOLO SPORTSWEAR's catalogues or provided to the Customer will be for information purposes only and will not be binding upon CAMPAGNOLO SPORTSWEAR if not accompanied by an express warranty or undertaking on its part. In particular, any warranty by CAMPAGNOLO SPORTSWEAR regarding the technical and/or functional characteristics of the Products is excluded, unless such characteristics are the object of an express written warranty. Should the existence of any defects covered by this Warranty be acknowledged by CAMPAGNOLO SPORTSWEAR, Customer shall be entitled to have - at CAMPAGNOLO SPORTSWEAR's discretion - the defective Product repaired and/or replaced free of charge, save for the relevant transport costs, which will be for the Customer's sole account. Warranty on Products repaired or substituted according to the preceding paragraph shall remain in force until expiry of the original term of Warranty granted in relation to the defective Product initially purchased by the Customer. CAMPAGNOLO SPORTSWEAR shall at any time and at its reasonable discretion be entitled to cease or suspend the production of certain Products as well as to modify the relevant technical specifications without it being obliged to incorporate such modifications in the Products already sold to Customer, even when such Products are returned to CAMPAGNOLO SPORTSWEAR due to defects covered by the Warranty. This Warranty is the only warranty granted by Campagnolo Sportswear to the Customer, any other warranty, intervention and remedy as well as any responsibility for contractual and extra-contractual, direct, indirect, incidental or consequential damages being, to the extent permitted by law, expressly excluded and waived by the Customer. CAMPAGNOLO SPORTSWEAR's resellers, agents and employees have not been granted any power to modify or in any way extend this Warranty.

**5**  
**5**  
**CONDITIONS OF VALIDITY OF THE WARRANTY**

The validity and effectiveness of this Warranty is conditional upon presentation by the Customer to the Reseller of: (a) a copy of this Warranty endorsed and stamped by the Reseller and duly signed by the Customer (also for acceptance of clauses under articles 1341 and 1342 of the Italian Civil Code) and (b) a short relation describing the nature of the defect and the maintenance and washing methods adopted by Customer, as well as upon (c) delivery to the Reseller of the asserted defective Product together with the relevant receipt and/or invoice attesting the date of purchase of the Product.

**6**  
**6**  
**EXCLUSION OF THE WARRANTY**

This Warranty only applies to original defects of the Products. Therefore, this Warranty does not apply to defects of the Products deriving from transport, modifications, repairs or interventions carried out on the Products, negligent or improper use, lack of maintenance, non compliance with the washing instructions provided for by CAMPAGNOLO SPORTSWEAR, accidents, normal wear and tear and any other cause not ascribable to an original defect of the Product.

**7**  
**7**  
**FINAL CLAUSES**

This Warranty shall be governed and construed in accordance with the Italian law. Any dispute concerning this Warranty or the usage of the Products shall be submitted to the exclusive jurisdiction and sole venue of the Courts of Vicenza, Italy. Should any of the provisions of this Warranty be declared null and void or contrary to the applicable law, the remaining portions thereof shall continue in full force and effect.

Campagnolo Sportswear S.r.l.	The Reseller	The Customer
_____	_____	_____
(stamp and signature)	(stamp and signature)	(signature)

Customer further states and declares to expressly approve, for the purposes and to the extent provided for by Articles 1341 and 1342 of the Italian Civil Code, the provisions contained in the following articles of this Warranty: 2 (Non-assignability and Forfeiture); 4 (contents and limitation of the Warranty); 5 (Conditions of validity of the Warranty); 6 (Exclusion of the Warranty); 7 (Governing Law and Competent Jurisdiction).

The Customer

\_\_\_\_\_

(signature)

**PERSONAL DATA PROCESSING (Law no. 675/96)**  
For the purposes and to the extent of Law no. 675/96 the undersigned declares he has received the information note provided for by articles 10 and 13 of the above mentioned law and has taken due note of the rights granted thereby. Therefore, the undersigned gives its unconditional acceptance to the processing, communication and diffusion in Italy and abroad of its personal data, including any "sensible data" to the extent that such data is used for the purposes of filing, processing or registering the same in the company files or for operational and promotional purposes, the transmission of commercial and technical information, the conduct of marketing surveys and in particular, without limitation, for all uses which may be deemed appropriate to guarantee greater protection and safety of the Product.

The Customer

\_\_\_\_\_

(signature)

**DISTRIBUTORS****AUSTRALIA****De Grandi Cycle & Sport**

419 Moorabool  
Street 3220 Geelong - Victoria Australia  
Tel. 0061 352215099 - Fax 0061 352223850

**BELGIUM****Action Sports**

Allée des Cerisiers 25  
4840 Welkenraedt - Belgium  
Tel. 0032 878997 - Fax 0032 87988771

**CANADA****Cycles Marinoni Inc.**

1067 Levis Lachenaie  
J6W 4L2 Quebec - Canada  
Tel. 001 450 4717133 - Fax 001 450 4719887

**HOLLAND****E.R.P.**

219 ws. Oosteinderweg  
1432 AS Aalsmeer - Nederland  
Tel. 0031 297321804 - Fax 0031 297321804

**JAPAN****Nichinso Shokai**

6-16-8 Sotokanda Chiyodaku  
00101 Tokyo - Japan  
Tel. 0081 3 38326251 - Fax 0081 3 38326266

**Kawashima Cycle Supply Corporation**

3-3-16 Kitasho-cho, Sakai  
00590 0007 Osaka - Japan  
Tel. 0081 722 381557 - Fax 0081 722 386213

**Yagami Corporation**

151 Chome, Sakurayama-Cho, Showa-Ku  
- 466-0044 Nagoya - Japan  
Tel. 0081 528533281 - Fax 0081 528421533

**KOREA****OD. Bike Inc.**

380-14 Sungnae-Dong, Kangdong-Ku  
134-030 Seoul - Korea  
Tel. 0082 2 4740818 - Fax 0082 2 4740656

**TAIWAN****Coolmax International Ltd Taiwan Branch (H.K.)**

No. 42, Alley 30, Lane 300, Sec. 2,  
Jhong Hua S. Rd. Tainan City 702, Taiwan  
Tel. 00 886 6 265 6001 - Fax 00 886 6 265 1388

**UNITED KINGDOM****Jim Walker & Co.**

Unit 1, Pacemanor Business Centre, Brookside  
TN221YA Uckfield - East Sussex - UK  
Tel. 0044 1825 762400 - Fax 0044 1825 762455

**USA****Ochsner Int., Inc.**

246 East Marquardt Drive  
60090 6430 Wheeling - Illinois - U.S.A.  
Tel. 001 847 4658200 - Fax 001 847 4658282

**Quality Bicycle Products Inc.**

6400 West 105<sup>th</sup> Street  
55438 2554 Bloomington - MN, U.S.A.  
Tel. 001 952 941 9391 - Fax 001 952 941 9799

**AGENCIES****ITALY GERMANY FRANCE AUSTRIA SWITZERLAND SPAIN****Campagnolo Sportswear srl**

Via dell'Economia 103  
36100 Vicenza - Italy  
Tel. 0039 0444288960 - Fax 0039 0444289557  
info@campagnolosportswear.it

**EAST EUROPE****Firma Gallizia**

10 Oktoberstrasse 7  
9800 Spittal/Drau - Austria  
Tel. 0043 47622275 - Fax 0043 47622275

**SCANDINAVIA****Marker Scandinavia**

Assendlosevej 29  
4130 Viby - Denmark  
Tel. 0045 70228075 - Fax 0045 46498088



THE COMPONENTS OF THE 9S AND 10S DRIVETRAINS, THE BRAKING SYSTEMS, AND MOST CAMPAGNOLO® COMPONENTS, ARE DESIGNED AS A SINGLE INTEGRATED SYSTEM. TO AVOID COMPROMISES IN TERMS OF SAFETY, PERFORMANCE, DURABILITY, FUNCTION, AND TO PREVENT VOIDING THE WARRANTY, WE RECOMMEND THAT YOU ONLY USE THE COMPONENTS SPECIFIED BY CAMPAGNOLO SRL, WITHOUT INTERFACING THEM WITH OR SUBSTITUTING THEM WITH PRODUCTS MANUFACTURED BY OTHER COMPANIES.



## XENON™ 2005

### WARNING!

The theories covering rear derailleurs lose value when applied to real-life situations. This is due to a certain number of variables that are beyond our control. The first variable is that the chain can only be lengthened or shortened by two links at a time (106/108/110 etc.), making it impossible for the optimal length to be achieved for each frame. As a result, each time a choice is made, this shall have to be a compromise based on the technical specifications of the chainwheels, front derailleurs and frame dimensions. Further, while emphasising that the relationships between the geometries and dimensions specified by ourselves in accompanying instructions must be observed, the size and geometry of each cage influence the functionality of the various rear derailleur combinations greatly. For this reason the combinations listed in the table below are to be considered merely indicative and must be verified each and every time, depending on the frame on which the components shall actually be mounted.

### RECOMMENDED COMBINATIONS

- Double or CT crankset + short cage rear derailleur: all Campagnolo sprocket sets except the 13-29
- Double or CT crankset + medium cage rear derailleur: all Campagnolo sprocket sets\*
- Triple crankset + medium cage rear derailleur: all Campagnolo sprocket sets except the 13-29 set
- Triple crankset + long cage rear derailleur: all Campagnolo sprocket sets\*

\* if compact sprocket sets are used (e.g. 11-23) it may be necessary to keep the chain length shorter than the values indicated in standard assembly instructions.

COMPONENT	OPTIONS	DESCRIPTION	Indicative * weight (g)
<b>XENON™ 9s rear derailleur</b>	<b>short cage</b>	upper to lower pulley-axle: 55 mm	<b>254</b>
	<b>medium cage</b>	upper to lower pulley-axle: 72,5 mm	<b>258</b>
	<b>long cage</b>	upper to lower pulley-axle: 89 mm	<b>263</b>
<b>XENON™ front derailleur</b>	<b>braze-on / clip-on: 32 mm</b>	for double crankset - capacity 15 - ingr. max 54 - black finish	<b>103</b>
<b>XENON™ Triple front derailleur</b>	<b>braze-on / clip-on: 32 mm</b>	for triple crankset - capacity 22 - ingr. max 52 - black finish	<b>118</b>
<b>Ergopower™ XENON™</b>		double/triple crankset compatible - composite body and levers	<b>357</b>
<b>XENON™ front hub</b>	<b>32, 36 holes</b>	high quality bearings - O.L.D. 100 mm	<b>249</b>
<b>MIRAGE™ rear hub</b>	<b>32, 36 holes</b>	9s/10s - light alloy freewheel body - high quality bearings locking thread 27x1 - O.L.D. 130 mm	<b>447</b>
<b>MIRAGE™ UD™ 9s sprockets - steel</b>	<b>12-23, 13-23, 13-26</b>	Ultra-Drive™ - single sprockets - galvanized - supplied without locking	<b>231</b>
<b>RECORD™ UD™ C9™ chain</b>		9s - Ultra-Drive™ - "Floating Link Action"™ - Chrome-Nickel-PTFE finish - 114 links	<b>300</b>
<b>XENON™ crankset</b>	<b>170, 175 mm</b>	Exa-Drive™ chainrings - 39-52 - requires b.b. with L. 111 mm	<b>793</b>
<b>XENON™ Triple crankset</b>	<b>170, 175 mm</b>	for triple crankset - 30-42-52 - Exa-Drive™ chainrings requires b.b. with L. 111 or 115.5 mm (for oversize seat tube Ø 32 or 35 mm)	<b>953</b>
<b>SC-S™ bottom bracket</b>	<b>ITA, ENG 111, 115.5 mm</b>	cartridge b.b. - solid axle - steel cups - axle L. 111 mm for double crankset - axle L. 111 mm for triple crankset with seat tube Ø 28.6 mm - axle L. 115.5 mm for triple crankset with oversize seat tube Ø 32 or 35 mm	<b>358</b>
<b>XENON™ brakes</b>	<b>front fixing bolt: 13,5 - 18,5 - 24 mm</b>	brake-pad height adj. ratio: 42÷52 mm (measured from brake fixing-bolt to brake-shoe-nut)	<b>380</b>
<b>CENTAUR™ cable guide plate</b>		to fit under bottom bracket shell - resin	<b>6</b>

MIRAGE™ 2005

COMPONENT	OPTIONS	DESCRIPTION	Indicative* weight (g)
<b>MIRAGE™ 9s rear derailleur</b>	short cage	upper to lower pulley-axle: 55 mm	269
	medium cage	upper to lower pulley-axle: 72,5 mm	274
	long cage	upper to lower pulley-axle: 89 mm	281
<b>MIRAGE™ front derailleur</b>	braze-on / clip-on: Ø 28,6, 32 mm	for double crankset - capacity 15 - max. chainring 54	103
<b>MIRAGE™ Triple front derailleur</b>	braze-on / clip-on: Ø 28,6, 32 mm	for triple crankset - capacity 22 - max. chainring 52	118
<b>MIRAGE™ Triple per FB front derailleur</b>	braze-on / clip-on: Ø 28,6, 32 mm	for triple crankset - for Ergopower FB™ - capacity 23 - max. chainring 53	118
<b>Ergopower™ MIRAGE™ 9s</b>		double/triple crankset compatible - composite body and levers - ErgoBrain 10™ computer ready	406
<b>Ergopower FB™ MIRAGE™ 9s x 2/3</b>		double/triple crankset compatible - alu-composite body - composite brake lever - requires FB front derailleur	340
<b>MIRAGE™ front hub</b>	32, 36 holes	high quality bearings - O.L.D. 100 mm	249
<b>MIRAGE™ rear hub</b>	32, 36 holes	9s/10s - light alloy freewheel body - high quality bearings - lockring thread 27x1 O.L.D. 130 mm	447

COMPONENT	OPTIONS	DESCRIPTION	Indicative* weight (g)
<b>MIRAGE™ UD™ 9s sprockets -steel</b>	12-23, 13-23, 13-26	Ultra-Drive™ - single sprockets- galvanized - supplied without lockring	231
<b>RECORD™ UD™ C9 chain</b>		9s - Ultra-Drive™ - "Floating Link Action™" - Chrome-Nickel-PTFE finish - 114 links	300
<b>MIRAGE™ crankset</b>	silver / black 170, 172,5, 175 mm 39-53, 42-52	Exa-Drive™ - steel inner chainring - requires b.b. with L 111 mm	713
<b>MIRAGE™ Triple crankset</b>	silver / black 170, 175 mm	30-42-52 - Exa-Drive™ - steel inner chainring - requires b.b. with L 111 or 115.5 mm (for oversize seat tube Ø 32 or 35 mm)	769
<b>SC-S™ bottom bracket</b>	ITA, ING 111, 115.5 mm	cartridge b.b. - solid axle - steel cups - axle L 111 mm for double crankset axle L 111 mm for triple crankset with seat tube Ø 28.6 mm axle L 115.5 mm for triple crankset with oversize seat tube Ø 32 or 35 mm	358
<b>CENTAUR™ Pro-Fit PLUS™ pedals</b>		steel axle -light alloy body - with floating (standard) or fixed (optional) cleats - composite axle fixing nuts - metallized finish - left axle compatible with the ErgoBrain™ magnet	325
<b>brakes MIRAGE™</b>	front fixing bolt: 13,5-18,5-24 mm	brake-pad height adj. ratio: 42±52 mm (measured from brake fixing-bolt to brake-shoe-nut)	380
<b>CENTAUR™ cable guide plate</b>		to fit under bottom bracket shell - resin	6

\* The indicative weight refers to the lighter specification among the available options. The weight of the hubs includes the quick-release.

VELOCE™ 2005

COMPONENT	OPTIONS	DESCRIPTION	Indicative* weight (g)
VELOCE™ 10s rear derailleur	short cage	upper to lower pulley-axle: 55 mm	250
	medium cage	upper to lower pulley-axle: 72,5 mm	259
	long cage	upper to lower pulley-axle: 89 mm	263
VELOCE™ 9s rear derailleur	short cage	upper to lower pulley-axle: 55 mm	250
	medium cage	upper to lower pulley-axle: 72,5 mm	255
	long cage	upper to lower pulley-axle: 89 mm	263
VELOCE™ 9s/10s front derailleur	braze-on / clip-on: Ø 32, 35 mm	capacity 15 - max. chainring 54	92
VELOCE™ 9s front derailleur	braze-on / clip-on: Ø 28,6, 32 mm	capacity 15 - max. chainring 54	93
VELOCE™ Tripla front derailleur	9s/10s braze-on / clip-on: Ø 32, 35 mm	capacity 22 - max. chainring 52	100
VELOCE™ per FB front derailleur	braze-on / clip-on: Ø 28,6, 32, 35 mm	capacity 15 - for Ergopower FB™ - max. chainring 54	93
VELOCE™ Triple front derailleur	braze-on / clip-on: Ø 28,6, 32, 35 mm	capacity 23 - for Ergopower FB™ - max. chainring 53	100
Ergopower™ VELOCE™	9s / 10s	double/triple crankset compatible - composite body - anodized lever - ErgoBrain 10™ computer ready	402
Ergopower FB™ VELOCE™ 10s x 2/3	32, 36 holes	double/triple crankset compatible - alu-composite body - aluminium brake lever - requires FB front derailleur	340
VELOCE™ front hub	32, 36 holes	high quality bearings - O.L.D. 100 mm	249
VELOCE™ rear hub	12-23, 13-23, 13-26, 13-28, 14-28	9s/10s - light alloy freewheel body - high quality bearings - locking thread 27x1 - O.L.D. 130 mm	458
VELOCE™ UD™ 9s sprockets - steel	12-23, 12-25, 13-26, 13-29, 14-23	Ultra-Drive™ - single sprockets - nickel-chromed finish - supplied without lockring	231
VELOCE™ UD™ 10s sprockets - steel		Ultra-Drive™ - single sprockets - nickel-chromed finish - supplied without lockring	250

COMPONENT	OPTIONS	DESCRIPTION	Indicative* weight (g)
RECORD™ C9™ chain		9s - Ultra-Drive™ - "Floating Link Action™" - Chrome-Nickel-PTFE finish - 114 links	300
RECORD™ C10™ chain		10s - Ultra-Drive™ - Chrome-Nickel-PTFE Finish - 114 links - HD-Link™	279
VELOCE™ 10s crankset	170, 172,5, 175 mm 39-53, 42-52	Exa-Drive™ chainrings - requires b.b. with L 111 mm	659
VELOCE™ 9s crankset	170, 172,5, 175 mm 39-53	Exa-Drive™ chainrings - requires b.b. with L 111 mm	659
VELOCE™ Triple crankset	9s / 10s 170, 175 mm	30-42-52 - Exa-Drive™ chainrings - requires b.b. with L 111 or 115.5 mm (for oversize seat tube Ø 32 or 35 mm)	731
AC-S™ bottom bracket	ITA, ING 111, 115.5 mm	cartridge b.b. - solid axle - light alloy cups - axle L 111 mm for double crankset - axle L 111 mm for triple crankset with seat tube Ø 28.6 mm - axle L 115.5 mm for triple crankset with oversize seat tube Ø 32 or 35 mm	299
CENTAUR™ Pro-Fit PLUS™ pedals		steel axle - light alloy body - with floating (standard) or fixed (optional) cleats - composite axle fixing nuts - metallized finish - left axle compatible with the ErgoBrain™ magnet	325
VELOCE™ brakes	front fixing bolt: 13,5-18,5-24 mm	brake-pad height adjustment ratio: 42÷52 mm (measured from brake fixing-bolt to brake-shoe-nut) - black anodized shoe-holder - brake pads orbital adjustment	368
CENTAUR™ cable guide plate		to fit under bottom bracket shell - resin	6

\* The indicative weight refers to the lighter specification among the available options. The weight of the hubs includes the quick-release.



**CENTAUR™ 2005**

COMPONENT	OPTIONS	DESCRIPTION	Indicative* weight (g)
<b>CENTAUR™ 10s rear derailleur</b>	short cage	upper to lower pulley-axle: 55 mm	223
	medium cage	upper to lower pulley-axle: 72,5 mm	229
	long cage	upper to lower pulley-axle: 89 mm	241
<b>CENTAUR™ front derailleur</b>	braze-on / clip-on: Ø 28,6, 32, 35 mm	9s/10s - for double crankset - capacity 15 - max. chainring 54 - antifriction insert	85
<b>CENTAUR™ CT™ front derailleur</b>	braze-on / clip-on: Ø 28,6, 32, 35 mm	9s/10s - for CT™ crankset - capacity 16 - max. chainring 50 - antifriction insert	94
<b>CENTAUR™ Triple front derailleur</b>	braze-on / clip-on: Ø 32, 35 mm	9s/10s - for triple crankset - capacity 22 - max. chainring 52	98
<b>CENTAUR™ FB front derailleur</b>	braze-on / clip-on: Ø 28,6, 32, 35 mm	10s - for Ergopower FB™ - for double crankset - capacity 15 - max. chainring 54 - antifriction insert	87
<b>CENTAUR™ FB Triple front derailleur</b>	braze-on / clip-on: Ø 32, 35 mm	10s - for Ergopower FB™ - for triple crankset - capacity 23 - max. chainring 53	99
<b>CENTAUR™ CT™ for FB front derailleur</b>	braze-on / clip-on: Ø 28,6, 32, 35 mm	10s - for Ergopower FB™ - for CT™ crankset - capacity 16 - max. chainring 50 - antifriction insert	95
<b>CENTAUR™ 10s Ergopower™</b>		double/triple crankset compatible - composite body - anodized lever - lightened shifting levers - ErgoBrain 10™ computer ready	399
<b>CENTAUR™ 10s x 2/3 Ergopower FB™</b>		double/triple crankset compatible - alu-composite body - leva freno alluminio - requires FB front derailleur	327
<b>CENTAUR™ front hub</b>	32, 36 holes	light alloy axle and body - adjustable bearings - O.L.D. 100 mm	200
<b>CENTAUR™ rear hub</b>	32, 36 holes	9s/10s - light alloy body, axle and freewheel body - adjustable bearings locking thread 27x1 - O.L.D. 130 mm	332
<b>CENTAUR™ UD™ 10s sprockets - steel</b>	11-23, 12-25, 13-26, 13-29	Ultra-Drive™ - nickel-chromed finish - light alloy carrier "macro" spacers supplied without locking	233
<b>RECORD™ C10™ chain</b>		10s - Ultra-Drive™ - Chrome-Nickel-PTFE Finish - 114 links - HD-Link™	279
<b>CENTAUR™ 10s crankset</b>	170, 172,5, 175 mm 39-52, 39-53, 42-52	Ultra-Drive™ chainrings - requires b.b. with L. 111 mm	646
<b>CENTAUR™ 10s Carbon crankset</b>	170, 172,5, 175 mm 39-52, 39-53, 42-52	composite cranks - Ultra-Drive™ chainrings - requires b.b. with L. 111 mm	579

COMPONENT	OPTIONS	DESCRIPTION	Indicative* weight (g)
<b>CENTAUR™ CT™ 10s Carbon crankset</b>	170, 172,5, 175 mm 34-48, 34-50, 36-50	composite cranks - Ultra-Drive™ chainrings - requires b.b. with L. 111 mm - requires CT™ or CT™-FB front derailleur	565
<b>CENTAUR™ 10s Triple crankset</b>	170, 175 mm 30-40-50, 30-42-53	Ultra-Drive™ chainrings - requires b.b. with L. 111 or 115.5 mm (for oversize seat tube Ø 32 or 35mm)	730
<b>CENTAUR™ bottom bracket</b>	ITA, ENG 111 mm	cartridge b.b. - hollow axle - light alloy cups and spacer - for double and triple cranks with seat tube Ø 28.6 mm	233
<b>AC-H™ bottom bracket</b>	ITA, ENG 111 mm, 115.5 mm	cartridge b.b. - hollow axle - light alloy cups - axle L. 111 mm for double crankset - axle L.111 mm for triple crankset with seat tube Ø 28.6 mm - axle L. 115.5 mm for triple crankset with oversize seat tube Ø 32 or 35 mm	288
<b>AC-S™ bottom bracket</b>	ITA, ENG 111 mm, 115.5 mm	cartridge b.b. - solid axle - light alloy cups - axle L. 111 mm for double crankset - axle L.111 mm for triple crankset with seat tube Ø 28.6 mm - axle L. 115.5 mm for triple crankset with oversize seat tube Ø 32 or 35 mm	299
<b>CENTAUR™ Pro-Fit PLUS™ pedals</b>		steel axle - light alloy body - with floating (standard) or fixed (optional) cleats composite axle fixing nuts - metallized finish - left axle compatible with the ErgoBrain™ magnet	325
<b>CENTAUR™ brakes</b>	front fixing bolt: 13,5 - 18,5 - 24 mm	brake-pad height adjustment ratio: 42÷52 mm (measured from brake fixing-bolt to brake-shoe-nut) - brake pads orbital adjustment	376
<b>CENTAUR™ seat post</b>		Ø 27.2 mm - L. 250 mm - light alloy tube	221
<b>CENTAUR™ HIDDENSET™ headset</b>	1 - 1/8"	1-1/8" - internal headset for unthreaded fork tube - height 5.9 mm - patent pending system - composite cap	73
<b>CENTAUR™ water-bottle carrier</b>		carbon and composite, supplied with water-bottle	35
<b>Ergobrain™ Computer</b>		10s - double/triple crankset compatible	
<b>CENTAUR™ cable guide plate</b>		to fit under bottom bracket shell - resin	6

\* The indicative weight refers to the lighter specification among the available options. The weight of the hubs includes the quick-release.

**CHORUS™ 2005**

COMPONENT	OPTIONS	DESCRIPTION	Indicative* weight (g)
<b>CHORUS™ 10s rear derailleur</b>	short cage	upper to lower pulley-axle: 55 mm composite outer plate	202
	medium cage	upper to lower pulley-axle: 72,5 mm composite outer plate	205
	long cage	upper to lower pulley-axle: 89 mm composite outer plate	217
<b>CHORUS™ front derailleur</b>	braze-on / clip-on: Ø 32,35 mm	9s/10s - for double crankset - capacity 15 - max. chainring 54 - light alloy fork with antifriction treatment	74
<b>CHORUS™ Triple front derailleur</b>	braze-on / clip-on: Ø 32,35 mm	10s - for triple crankset - capacity 23 - max. chainring 53 - with antifriction treatment	98
<b>CHORUS™ CT™ front derailleur</b>	braze-on / clip-on: Ø 32,35 mm	10s - for CT™ crankset - capacity 16 - max. chainring 50 - light alloy fork with antifriction treatment	78
<b>CHORUS™ FB front derailleur</b>	braze-on / clip-on: Ø 32,35 mm	10s - for Ergopower FB™ - for double crankset - capacity 15 - max. chainring 54 - light alloy fork with antifriction treatment	76
<b>CHORUS™ FB Triple front derailleur</b>	braze-on / clip-on: Ø 32,35 mm	10s - for Ergopower FB™ - for triple crankset - capacity 23 - max. chainring 53 - with antifriction treatment	98
<b>CHORUS™ CT™-FB front derailleur</b>	braze-on / clip-on: Ø 32,35 mm	10s - for CT™ crankset - for Ergopower FB™ - capacity 16 - max. chainring 50 - light alloy fork with antifriction treatment	79
<b>CHORUS™ 10s Ergopower™</b>		double/triple crankset compatible - composite body - composite levers - light alloy hardware - ErgoBrain 10™ computer ready	348
<b>CHORUS™ 10s x 2/3 Ergopower FB™</b>		double/triple crankset compatible - alu-composite body - aluminium brake lever - light alloy small parts - requires FB derailleur	320
<b>CHORUS™ front hub</b>	32,36 holes	light alloy axle and body - adjustable bearings - quick-release with aluminium lock nuts - O.L.D. 100 mm	180
<b>CHORUS™ rear hub</b>	32,36 holes	9s/10s - light alloy body, axle and freewheel body - adjustable bearings - quick-release with aluminium lock nuts - locking thread 27x1 - O.L.D. 130 mm	326
<b>CHORUS™ UD™ 10s sprockets - steel</b>	11-23, 12-25, 13-26, 13-29	Ultra-Drive™ - nickel-chromed finish - light alloy carrier - supplied without locking	220
<b>RECORD™ C10™ chain</b>		10s - Ultra-Drive™ - Chrome-Nickel-PTFE Finish - 114 links - HD-Link™	279
<b>CHORUS™ 10s crankset</b>		Ultra-Drive™ EPST™ chainrings - requires b.b. with L 102 mm axle	647
<b>CHORUS™ CARBON 10s crankset</b>	170, 172,5, 175 mm 39-52, 39-53, 42-52	composite crankarms - Ultra-Drive™ EPST™ chainrings - requires b.b. with 102 mm axle	540

COMPONENT	OPTIONS	DESCRIPTION	Indicative* weight (g)
<b>CHORUS™ CT™ CARBON 10s crankset</b>	170,172,5, 175 mm 34-48, 34-50, 36-50	composite crankarms - Ultra-Drive™ EPST™ chainrings - requires b.b. with 102 mm axle - requires CT™ or CT™ - FB front derailleur	551
<b>CHORUS™ 10s Triple crankset</b>	170, 172,5, 175 mm 30-40-50, 30-42-53	Ultra-Drive™ chainrings - requires b.b. with 102 mm axle (asymmetrical) for triple cranks	730
<b>CHORUS™ bottom bracket</b>	ITA, ENG	Ultra-Drive™ chainrings - requires b.b. with L 111 mm (asymmetrical) hollow axle L 102 mm - only for double crankset - light alloy cartridge - light alloy cups	220
<b>CHORUS™ Triple bottom bracket</b>	ITA, ENG	steel axle - light alloy body - with floating (standard) or fixed (optional) cleats - composite axle fixing nuts - polished aluminium finish - left axle compatible with the ErgoBrain™ magnet	233
<b>CHORUS™ Pro-Fit PLUS™ pedals</b>		steel axle - light alloy body - with floating (standard) or fixed (optional) cleats - composite axle fixing nuts - polished aluminium finish - left axle compatible with the ErgoBrain™ magnet	325
<b>CHORUS™-D brakes</b>		brake-pad height adjustment ratio:40÷50 mm (measured from brake fixing-bolt to brake-shoe-nut)-brake pads orbital adjustment-lightened rear brake	340
<b>CHORUS™ CARBON seat post</b>	front fixing bolt: 13,5 - 18,5 - 24 mm	composite tube - clamp for seat tube - knurling pitch: 0.5 mm	195
<b>CHORUS™ headset</b>	27,2 / 250 - 31,6 / 350 32,4 / 350	BC 1"x24tpi - height 36.5 mm	106
<b>CHORUS™ THREADLESS™ headset</b>		1" - for unthreaded fork tube - height 24.5 mm - patent pending system steel and light alloy fixing screw	117
<b>CHORUS™ HIDDENSET™ headset</b>		internal headset for unthreaded fork tube - version 1-1/8": height 5.9 mm, version 1-1/8" TTC™: height 15.9 mm - patent pending system - steel and light alloy fixing screw light alloy cap	82
<b>CHORUS™ water-bottle carrier</b>	1-1/8", 1-1/8" TTC™	carbon and composite, supplied with water-bottle	29
<b>ERGOBRAIN™ Computer</b>		10s - double/triple crankset compatible	
<b>RECORD™ cable guide plate</b>		to fit under bottom bracket shell - stainless steel with GPQ antifriction treatment	9

\*The indicative weight refers to the lighter specification among the available options. The weight of the hubs includes the quick-release.

**RECORD™ 2005**

COMPONENT	OPTIONS	DESCRIPTION	Indicative* weight (g)
<b>RECORD™ 10s rear derailleur</b>	short cage	upper to lower pulley-axle: 55 mm	184
	medium cage	upper to lower pulley-axle: 72,5 mm	193
	long cage	upper to lower pulley-axle: 89 mm composite outer plate - Titanium hanger and pivot bolt - composite outer cage	195
<b>RECORD™ front derailleur</b>	braze-on / clip-on: Ø 28.6, 32, 35 mm	9s/10s - for double crankset - capacity 15 - max. chainring 54 - composite and aluminum fork - Titanium bolts	69
<b>RECORD™ Triple front derailleur</b>	braze-on / clip-on: Ø 32, 35 mm	9s/10s - for triple crankset - capacity 23 - max. chainring 53 - Titanium bolts - antifriction treatment	94
<b>RECORD™ CT™ front derailleur</b>	braze-on / clip-on: Ø 32, 35 mm	9s/10s - for CT™ crankset - capacity 16 - max. chainring 50 - composite + aluminium fork - Titanium bolts	75
<b>RECORD™ 10s Ergopower™</b>	28, 32, 36 holes	double/triple crankset compatible - composite body and levers - ball bearings light alloy hardware - ErgoBrain 10™ computer ready	324
<b>RECORD™ front hub</b>		light alloy body and axle - adjustable bearings - ubrication port - quick-release with light alloylock nuts - O.L.D. 100 mm	181
<b>RECORD™ rear hub</b>	28, 32, 36 holes	9s/10s - light alloy body, axle and freewheel body - Titanium pawl - adjustable bearings - lubrication port - quick-release with aluminium lock nuts - locking thread 27x1 - O.L.D. 130 mm	316
<b>RECORD™ UD™ 10s sprockets - steel+ti</b>	11-21, 11-23, 12-23, 12-25, 13-26, 13-29	Ultra-Drive™ - nickel-chromed finish for steel sprockets - light alloy carrier - supplied without lockring	188
<b>RECORD™ UD™ 10s sprockets - titanium</b>	11-23, 12-25, 13-26	Ultra-Drive™ - light alloy carrier - supplied without lockring	156
<b>RECORD™ C10™ chain</b>		10s - Ultra-Drive™ - Chrome-Nickel-PTFE Finish - 114 links - HD -Link™	279
<b>RECORD™ C10™ ULTRA™ chain</b>		10s - Ultra-Drive™ - Chrome-Nickel-PTFE Finish - 114 links - HD-Link™ - hollow pins - lightened links	259
<b>RECORD™ 10s crankset</b>	170,172.5,175, 177.5,180 39-52, 39-53, 42-52	light alloy fixing bolts and nuts - Ultra-Drive™ EPS™ chainrings with antifriction treatment - requires b.b. with 102 mm axle	632
<b>RECORD™ CARBON 10s crankset</b>	170,172.5, 175 mm 39-52, 39-53, 42-52	composite crankarms - light alloy fixing bolts and nuts - Ultra-Drive™ EPS™ chainrings with antifriction treatment - requires b.b. with 102 mm axle	520
<b>RECORD™ CT™ CARBON 10s crankset</b>	170,172.5, 175 mm 34-48,34-50, 36-50	composite crankarms - light alloy fixing bolts and nuts - Ultra-Drive™ EPS™ chainrings with antifriction treatment - requires b.b. with 102 mm axle - requires CT™ front derailleur	540

COMPONENT	OPTIONS	DESCRIPTION	Indicative* weight (g)
<b>RECORD™ Triple 10s crankset</b>	170, 172.5, 175 mm 30-40-50, 30-42-53	light alloy fixing bolts and nuts - Ultra-Drive™ chainrings with antifriction treatment - requires b.b. with 111 mm axle (asymmetrical)	715
<b>RECORD™ bottom bracket</b>	ITA, ENG	oversize hollow axle L. 102 mm - only for double crankset - composite/light alloy cartridge	190
<b>RECORD™ Triple bottom bracket</b>	ITA, ENG	oversize steel hollow axle L. 111 mm ( asymmetrical) - light alloy cups-only for Record™ Triple crankset - composite and light alloy cartridge	198
<b>RECORD™ Pro-Fit PLUS™ pedals</b>		Titanium axle -light alloy body - with floating (standard) or fixed (optional) cleats - composite axle fixing nuts - polished aluminium finish - left axle compatible with the ErgoBrain™ magnet	266
<b>RECORD™-D brakes</b>	silver / black front fixing bolt: 13,5 - 18,5 - 24 mm	brake-pad height adjustment ratio: 40÷50 mm (measured from brake fixing-bolt to brake-shoe-nut) - ball bearings - light alloy and titanium hardware - brake pads orbital adjustment - lightened rear brake	308
<b>RECORD™ CARBON seat post</b>	27,2 / 250 31,6 / 350 32,4 / 350	composite tube - clamp for seat tube - knurling pitch: 0.5 mm - composite upper clamp	185
<b>RECORD™ headset</b>		BC 1"x24tpi - height 36.5 mm - lubrication port	104
<b>RECORD™ THREADLESS™ headset</b>	1", 1-1/8"	for unthreaded fork tube - height 24.5 mm - composite cover and light alloy fixing screw - lubrication port	110
<b>RECORD™ HIDDENSET™ headset</b>	1-1/8", 1-1/8" TTC™	internal headset for unthreaded fork tube - version 1-1/8": height 5.9 mm, version 1-1/8" TTC™: height 15.9 mm - patent pending system - composite and light alloy fixing screw and cap	73
<b>RECORD™ brake levers</b>		composite body and lever	210
<b>Bar-End 10s shift. levers</b>			163
<b>RECORD™ water-bottle carrier</b>		monocoque carbon, supplied with water-bottle	18
<b>Ergobrain™ Computer</b>		10s - double/triple compatible	
<b>RECORD™ cable guide plate</b>		to fit under bottom bracket shell - stainless steel with QPG antifriction treatment	9

\* The indicative weight refers to the lighter specification among the available options. The weight of the hubs includes the quick-release.



**RECORD™ PISTA 2005**

COMPONENT	OPTIONS	DESCRIPTION	Indicative* weight (g)
<b>RECORD™ PISTA™ front hub</b>	32, 36 holes	light alloy body - lubrication port - small flanges - O.L.D. 100 mm	204
<b>RECORD™ PISTA™ rear hub</b>	32, 36 holes	light alloy body - lubrication port - small flanges - O.L.D. 120 mm	284
<b>RECORD™ PISTA™ crankset</b>	165, 170 mm 46, 47, 48, 49, 50 51, 52	requires b.b. L. 111 mm (asymmetrical)	592
<b>RECORD™ PISTA™ bottom bracket</b>	ITA, ENG	axle L. 111 mm (asymmetrical) - composite and light alloy cartridge light alloy cups - without sealings	220
<b>RECORD™ Pro-Fit PLUS™ pedals</b>		Titanium axle - light alloy body - with floating (standard) or fixed (optional) cleats - composite axle fixing nuts - polished aluminium finish - left axle compatible with the ErgoBrain™ magnet	266
<b>RECORD™ CARBON seat post</b>	27,2 / 250-31,6 350-32,4 / 350	composite tube - clamp for seat tube - knurling pitch: 0.5 mm - composite upper clamp	185
<b>RECORD™ headset</b>		BC 1"x24tpi - height 36.5 mm - lubrication port	104
<b>RECORD™ THREADLESS™ headset</b>	1", 1-1/8"	for unthreaded fork tube - height 24.5 mm - composite cover and light alloy fixing screw - lubrication port	110
<b>RECORD™ HIDDENSET™ headset</b>	1-1/8" 1-1/8" TTC™	internal headset for unthreaded fork tube - version 1-1/8": height 5.9 mm, version 1-1/8" TTC™: height 15.9 mm - patent pending system - composite cover and light alloy fixing screw - composite/light alloy cap	73

**TIME TRIAL 2005**

COMPONENT	OPTIONS	DESCRIPTION	Indicative* weight (g)
<b>bar-end 10s shift levers</b>		composite body and lever	163
<b>RECORD™ brake levers</b>		composite body and lever	210
<b>RECORD™ 10s inner chainrings</b>	42, 44	Exa-Drive™ system	51
<b>RECORD™ 10s outer chainrings</b>	54, 55	Exa-Drive™ system	88
<b>CHORUS™ 10s outer chainrings</b>	54, 55	Exa-Drive™ system	88
<b>RECORD™ ED™ 8s sprockets - steel</b>	12-23, 13-23, 13-26	Exa-Drive™ - single sprockets- chromed - supplied without lockring	262
<b>sprockets for GHIBLI™ 9s</b>	11-19, 11-21	steel-titanium - for Ghibli™ with O.L.D. 132 mm - 9s (10s spacing)	165

**RECORD™ - CHORUS™ - CENTAUR™ 9s**

COMPONENT	OPTIONS	DESCRIPTION	Indicative* weight (g)
<b>RECORD™ 9s rear derailleur</b>		composite outer plate - lightened inner plate - Titanium hanger and pivot bolt - lightened upper body	190
<b>CHORUS™ 9s rear derailleur</b>		lightened upper body	211
<b>CENTAUR™ 9s rear derailleur</b>			223
<b>CENTAUR™ Triple 9s rear derailleur</b>			229
<b>RECORD™ 9s Ergopower™</b>		double/triple crankset compatible - composite body and levers - ball bearings light alloy hardware - ErgoBrain 10™ computer ready	342
<b>CHORUS™ 9s Ergopower™</b>		double/triple crankset compatible - composite body - anodized lever - ball bearings - light alloy hardware - ErgoBrain 10™ computer ready	365
<b>CENTAUR™ 9s Ergopower™</b>		double/triple crankset compatible - composite body - anodized lever - lightened shifting levers - ErgoBrain 10™ computer ready	399
<b>CENTAUR™ 9s crankset</b>	170, 172.5 mm 39-52, 39-53, 42-52	Exa-Drive™ chainrings - requires b.b. with L. 111 mm	646
	175 mm 39-52, 39-53		
<b>CHORUS™ UD™ 9s sprockets - steel</b>	12-23, 13-23, 13-26	Ultra-Drive™ - nickel-chromed - light alloy carrier - supplied without lockring	197

\*The indicative weight refers to the lighter specification among the available options. The weight of the hubs includes the quick-release.

- = yes
- \* = with special sprockets/  
adapter kit
- h = only hub
- RE = Record™
- CE = Centaur™
- VE = Veloce™

	nominal weight (g) * *	carbon rim	aluminum rim	aluminum braking surface	machined braking surface	low profile	medium profile	high profile	disc wheel	front/rear differential rims	asymmetrical rear rims	nominal width (mm)	● HPW™ / ●● HPW™ carbon hub	hub with flanges	titanium pawl carrier		steel pawl carrier	"OS" hub body	"OS" light alloy spindle	light alloy fw body	quick lubrication port	QR type	10s compatible	9s compatible	8s compatible	requires special sprocket sets	O.L.D. (mm)	"G3™" system	Ultralinear™ geometry	number of spokes	double butted spokes	"AERO" type spokes	L/R differential spokes	spherical coupling sl nuts	nipples	black anodized																			
<b>LOW-PROFILE WHEELS</b>																																																							
PROTON™ front clincher 28"	680		●	●	●	●				●		20					●	●			CE					100			22	●					●	●																			
PROTON™ rear clincher 28"	960		●	●	●	●				●	●	20	●	●			●	●	●		CE	●	●	*		130			24	●			●		●	●																			
NEUTRON™ front clincher 28"	655		●	●	●	●				●		20	●				●	●		●	RE					100	●	22	●	●	●		●		●	●																			
NEUTRON™ rear clincher 28"	895		●	●	●	●				●	●	20	●		●		●	●	●	●	RE	●	●	*		130	●	24	●	●	●	●	●		●	●																			
NEUTRON™ front tub. 28"	645		●	●	●	●				●		20	●				●	●		●	RE					100	●	22	●	●	●		●		●	●																			
NEUTRON™ rear tub. 28"	895		●	●	●	●				●	●	20	●		●		●	●	●	●	RE	●	●	*		130	●	24	●	●	●	●	●		●	●																			
NEUTRON™ CARBON front cl. 28"	630		●	●	●	●				●		20	●●				●	●			RE					100	●	22	●	●	●		●		●	●																			
NEUTRON™ CARBON rear cl. 28"	870		●	●	●	●				●	●	20	●●		●		●	●	●		RE	●	●	*		130	●	24	●	●	●	●	●		●	●																			
HYPERON™ front tub. 28"	525	●				●				●		20	●●				●	●			RE					100	●	22	●	●	●		●		●	●																			
HYPERON™ rear tub. 28"	715	●				●				●	●	20	●●		●		●	●	●		RE	●	●	*		130	●	24	●	●	●	●	●		●	●																			
HYPERON™ front clincher 28"	595	●				●				●		20	●				●	●			RE					100	●	22	●	●	●		●		●	●																			
HYPERON™ rear clincher 28"	800	●				●				●	●	20	●		●		●	●	●	●	RE	●	●	*		130	●	24	●	●	●	●	●		●	●																			
HYPERON ULTRA™ front clincher 28"	575	●				●				●		20	●●				●	●			RE					100	●	22	●	●	●		●		●	●																			
HYPERON ULTRA™ rear clincher 28"	775	●				●				●	●	20	●●		●		●	●	●		RE	●	●	*		130	●	24	●	●	●	●	●		●	●																			

\*\* The weight of the wheels does not include the quick release.

- = yes
- \* = with special sprockets/  
adapter kit
- h = only hub
- RE = Record™
- CE = Centaur™
- VE = Veloce™

	nominal weight (g) * *	carbon rim	aluminum rim	aluminum braking surface	machined braking surface	low profile	medium profile	high profile	disc wheel	front/rear differential rims	asymmetrical rear rims	nominal width (mm)	● HPW™ / ● HPW™ carbon hub	hub with flanges	titanium pawl carrier		steel pawl carrier	"OS" hub body	"OS" light alloy spindle	light alloy fw body	quick lubrication port	QR type	10s compatible	9s compatible	8s compatible	requires special sprocket sets	O.L.D. (mm)	"G3"™ system	Ultralinear™ geometry	number of spokes	double butted spokes	"AERO" type spokes	L/R differential spokes	spherical coupling sl nuts	nipples	black anodized	
<b>MEDIUM-PROFILE WEELS</b>																																					
VENTO™ front clincher 28"	890		●	●	●		●					20					●					VE					100	●		24					●	●	
VENTO™ rear clincher 28"	1110		●	●	●		●					20		●					●			VE	●	●	*		130	●		27					●	●	
SCIROCCO™ front clincher 28"	790		●	●	●		●					20					●					VE					100	●		24	●				●	●	
SCIROCCO™ rear clincher 28"	1040		●	●	●		●					20	)	)					●			VE	●	●	*		130	●		24	●				●	●	
ZONDA™ front clincher 28"	770		●	●	●		●					20	●				●	●				CE					100	●		26	●				●	●	
ZONDA™ rear clincher 28"	960		●	●	●		●					20	●				●	●				CE	●	●	*		130	●		21	●				●	●	
EURUS™ front clincher 28"	695		●	●	●		●					20	●				●	●			●	RE					100	●	●	26	●	●			●	●	
EURUS™ rear clincher 28"	865		●	●	●		●					20	●		●		●	●			●	RE	●	●	*		130	●	●	21	●	●			●	●	
EURUS™ CARBON front cl. 28"	670		●	●	●		●					20	●●				●	●				RE					100	●	●	16	●	●			●	●	
EURUS™ CARBON rear cl. 28"	840		●	●	●		●					20	●●		●		●	●				RE	●	●	*		130	●	●	21	●	●			●	●	
<b>HIGH-PROFILE WHEELS</b>																																					
BORA™ front tub. 28"	570	●					●					20	●●				●	●				RE					100	●	●	18	●	●			●	●	
BORA™ rear tub. 28"	750	●					●					20	●●		●		●	●				RE	●	●	*		130	●	●	21	●	●			●	●	
GHIBLI™ rear road 28"	995		●	●					●			19		●	●			●				RE	*/VE	*	*	●	132										
GHIBLI™ front track 26"	860		●						●			19		●	●			●									100										
GHIBLI™ front track 28"	955		●						●			19		●													100										
GHIBLI™ rear track 28"	995		●						●			19		●													120										
PISTA™ front tub. 28"	995		●				●					20		●							●						100			20		●			●	●	
PISTA™ rear tub. 28"	1110		●				●					20		●							●						120			24		●			●	●	

\*\* The weight of the wheels does not include the quick release.





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Lined writing area on the right side of the page, consisting of 20 horizontal lines.

**1**  
**1** **OBJECT**

Campagnolo S.r.l., Via della Chimica 4, 36100 Vicenza, Italy (hereinafter "Campagnolo"), guarantees its products to be free from defects in materials or workmanship within the terms and conditions of this Limited Warranty. A product found by Campagnolo to be defective will be repaired or replaced, at the option of Campagnolo, free of charge, within thirty (30) days after receipt of the product by an authorized Campagnolo Service Center. Please note that in addition to this policy you may have specific legal rights granted by your national or state laws regarding warranties of consumer products.

**2**  
**2** **NOT COVERED**

This warranty does not cover products which reached the end of their normal lifespan, 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 specifications, use of component parts not manufactured or supplied by Campagnolo, modifications not recommended or approved in writing by Campagnolo, 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.

**3**  
**3** **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.

**4**  
**4** **TERM**

The term of this warranty shall commence on the date of retail purchase and shall continue for a period of two (2) or three (3) years, depending on the product (see the applicable term in the product's package).

**5**  
**5** **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 the product. Any and all warranties not contained in this Agreement are specifically excluded.

**6**  
**6** **DAMAGES**

Except as expressly provided by this warranty, Campagnolo 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.

**7**  
**7** **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 the 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 tortious conduct by Campagnolo, 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 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.

**8**  
**8** **PROCEDURE**

In the event of a defect covered by this warranty, the Purchaser should contact an authorized Campagnolo Service Center (authorized Service Centers are listed in this catalog and in our web-site: [www.campagnolo.com](http://www.campagnolo.com)) or :

Campagnolo S.r.l., Service Center, Via Della Chimica 4, 36100 Vicenza, Italy,  
Telephone: +39-0-444-225604/5; Fax: +39-0-444-225400.

To be honored, claims must be submitted within the two or three years warranty period (depending on the product) and within eight (8) days of discovery of the defect. The determination whether the defect is covered by this warranty is within the sole discretion of Campagnolo.

Campagnolo 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 cleaned and 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 the 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);
- g) your name, address, and written authorization to ship the repaired product back to you freight collect ("C.O.D.").

**9**  
**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**  
**10** **WARNING**

Always install, repair and use your product in strict compliance with the product's instructions, which are also available as a downloadable file from our web site: [www.campagnolo.com](http://www.campagnolo.com).





## SERVICE CENTER

The Service Center is the reference point for all Campagnolo dealers and its aim is to provide an adequate after-sales service to Campagnolo users. Service Centers are a territorial extension of Campagnolo srl and work exclusively with dealers, no exceptions made. The Service Centers handle two activities: After-sales Service and Spare Parts Service.

The After-sales Service provides technical assistance for products under guarantee or otherwise, enabling cyclists to enjoy the first-class characteristics of Campagnolo products for long, without forfeiting safety, performance and endurance.

The Spare Parts Service handles the distribution of spare parts. Campagnolo possesses a large inventory of spare parts and is able to replenish its distribution system adequately in relatively short times.

We therefore advise you to refer to your Campagnolo dealer for any expert action required by your bikes - these dealers are the only ones supported by the constant, skilled collaboration of Campagnolo Service Centers.

### ITALY

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Fax +31-165-563248

### FA. WOUT VERHOEVEN

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Tel. +31-10-5115014  
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### INTERNATIONAL CYCLE CONNECTION - I.C.C.

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CYCLES MARINONI INC  
1067, Levis - LACHENAIE - QUEBEC J6W 4L2  
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### GREAT WESTERN BICYCLE CO. LTD.

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Industrivej 1D - DK-4000 ROSKILDE - DENMARK  
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65 Yoshida-cho, Naka-ku, Yokohama  
231-0041 JAPAN  
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Fax: +81-45-241-8030

### KAWASHIMA CYCLE SUPPLY CO.

No. 3-3-16 Kitasho-cho, Sakai,  
Osaka, 590-0007  
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Fax +81-722-21-4379

### NICHINAD SHOKAI CO., LTD

6-16-8, Sotokanda, Chiyodaku - TOKYO 101  
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WH WOPRALL CO. LTD.  
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