MOUNTAIN BIKE TANDEM





MOUNTAIN BIKE TANDEM. After very positive results in the United States where the tandem speciality has gained extreme popularity, Campagnolo has once again confirmed their leadership in cycling components with the new mountain bike tandem set. Based on the highly competition oriented Centaur group, this combination of components has been specially selected after extensive laboratory as well as field testing. Campagnolo has clearly brought the most innovative, reliable and prestigious solution possible to the tandem market today.
Compact brake levers with the provision for an additional brake cable are perfectly matched to the fully adjustable Cantilever brakes. This addition cable is used for either a disk or drum brake which may be mounted on the double threaded rear hub. The shifting system of the front derailleur, rear derailleur and Bullet have proved to be the ideal solution for the tandem. The new super light pedal completes the Centaur tandem group making this the definitive statement in mountain bikes available today as well as the only one worthy of the name Campagnolo.

TANDEM CENTAUR						
GEAR	LG ●	MD ○				
FRONT CHANGER CLIP-ON FIXED ●	CLIP-ON ADJUSTABLE ○	CLIP-ON FOR TUBES ø 35 ÷ 36 ○				
SHIFT LEVERS	BULLET ●	SYNCRO ATB ○				
HUBS REAR DOUBLE THREADING ●	WIDTH 140 ●	7 SPEED ●	HOLES 40 ●			
CHAINWHEEL CRANKS LENGHT	170 ●	175 ○				
CONNECTING CHAINRING	36 ○	38 ○	42 ●			
INNER CHAINRING	24 ○	26 ○	28 ●	30 ○	34 ○	
CENTRAL CHAINRING	36 ○	38 ●	40 ○	42 ○		
OUTER CHAINRING	46 ○	48 ●	50 ○	52 ○		
SEAT PIN LENGHT mm	280 CENTAUR ●	350 CENTAUR ○	380 CHORUS ○			
BRAKES	CANTILEVER EUCLID ●	CALIPER ○				
BRAKES LEVERS	CENTAUR COMPACT ●	EUCLID 3 BRAKES ○				
HEAD SET CENTAUR STEEL ●	CENTAUR ALUMINUM ○ CENTAUR ALUMINUM OVER SIZE 1.1/4" ○ 1.1/8" ○					

● – STANDARD ○ – OPTIONAL

This is an exemplifying composition; the group is therefore supplied according to the specific requirements of each customer.

OLYMPUS





OLYMPUS. Olympus is the newest mountain bike group from Campagnolo. This is a group which will fit well on any of the various medium to high end frames on the market today. The rear derailleurs are available in either long or medium cage lengths and are also suitable for eight speed use. The front derailleurs are available with a standard, adjustable or oversized clamp. A standard steel headset is supplied with this group, but an aluminum or oversized aluminum may be specified as well.
Seatposts are available in either 280 or 350 mm lengths, aluminum or cromoly and in a variety of sizes. Olympus is also available with the recently patented system consisting of front derailleur, rear derailleur and Bullet shifting. This represents the perfect ergonomic solution between the rider and his bicycle. The internal mechanism is indexed, which guarantees fast, precise and reliable shifting under any circumstance. This revolutionary new system has been extremely well received by racers and specialists alike.
For those who prefer the use of drop style handlebars, an indexing bar end control is also available. When this style of bar is used a specially modified Campagnolo brake lever should be used to ensure the proper performance of the Cantilever brakes.

OLYMPUS												
GEAR	MD ○		LG ●									
FRONT CHANGER												
FIXED CLIP-ON ●	CLIP-ON ADJUSTABLE ○		CLIP-ON FOR TUBES 35÷36 ○									
SHIFT LEVERS	SYNCRO ATB ○		BULLET ●									
HUBS	REAR WIDTH				HOLES				SPEED			
	126.5	130	135		32	36	28	(front)	7	8		
STANDARD ●	○	○	●		○	●	○		●			
CASS. HUB ○		○	○		○	○				○		
CHAINWHEEL												
CRANKS LENGHT	170 ●		175 ○									
INNER CHAINRING	34 ○		36 ●		38 ○		40 ○		42 ○		44 ○	
CENTRAL CHAINRING	46 ●		48 ○		50 ○		52 ○					
OUTER CHAINRING	46 ●		48 ○		50 ○		52 ○					
BOTTOM BRACKET												
AXLE LENGHT	mm 124 ●		132 ○									
SEAT PIN												
LENGHT mm	280 ○		350 ●									
ø	25.4	26	26.2	26.4	26.8	27	27.2	28.6	29.4			
STEEL						●	○	○	○			
ALUMINUM	○	○	○	○	○							
BRAKES	CANTILEVER ●		CALIPER ○									
HEADSET	STAND. STEEL ●		STAND. ALU. ○		ALU. OVER SIZE 1 1/4" ○		1 1/8" ○					

● = STANDARD ○ = OPTIONAL

EUCLID





EUCLID. Euclid is the premier Campagnolo group for the mountain bike. This group is the most prestigious available, designed for the finest high end mountain bikes being used in competition or sport riding. New components have been added to the Euclid group to satisfy the requests of the most demanding consumer.
An essential new system is now available to be used with the already well known small, medium and long cage derailleurs: the eight speed cassette hub. This hub is assembled with new and exclusive Campagnolo cogs which use three different tooth profiles on each sprocket and which are the results of extensive laboratory and field testing.
Other additional important innovations include the $1^{1}/_{4}$" and $1^{1}/_{8}$" oversized aluminum headsets, 280 and 350 mm seatposts in a specially treated black cromoly, and the new compact super light pedal with replaceable cages.
The quality and durability of each single component, as with every Campagnolo component, has undergone the most extensive controls and tests from the Campagnolo technicians and are constantly monitored to ensure the highest levels of performance.
Aviation grade materials that are finished by numeric controlled machines, which guarantee tolerances of one micron, are only some of the major characteristics of this exceptional group: Euclid.



EUCLID	STANDARD ●			GRAPHITE ○								
GEAR	SM ○			MD ○			LG ●					
FRONT CHANGER												
FIXED CLIP-ON ●	CLIP-ON ADJUSTABLE ○											
CLIP-ON FOR TUBES ø 35 ÷ 36 ○												
SHIFT LEVERS			SYNCRO ATB ○				BULLET ●					
HUBS												
	REAR WIDTH				HOLES				SPEED			
	126,5	130	135		32	36	28	(front)	7	8		
STANDARD ○	○	○	○		○	○	○		○			
CASS. HUB ●		○	●		○	●				●		
CHAINWHEEL												
CRANKS LENGHT	170 ●		175 ○									
INNER CHAINRING	24 ○		26 ●		28 ○		30 ○		34 ○			
CENTRAL CHAINRING	36 ●		38 ○		40 ○		42 ○					
OUTER CHAINRING	46 ●		48 ○		50 ○		52 ○					
BOTTOM BRACKET												
AXLE mm	124		132 ●		140 ○							
SEAT PIN												
LENGHT mm	280 ○		350 ●									
ø	27	27,2	28,6	29,4	29,8	30	31,6					
STEEL	●	○	○	○	○	○	○					
BRAKES	CANTILEVER ●			CALIPER ○								
HEAD SET	STAND. STEEL ●		STAND. ALU. ○		OVER SIZE ALU. 1 1/4" ○		1 1/8" ○					

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CENTAUR





CENTAUR. This is the mountain bike group chosen by the finest racing teams in the world. Centaur has proven itself to be a professional level group with many technical features that ensure safety and reliability in any circumstance.
The advantages of Centaur include competition rear derailleurs with eight speed compatibility: available in small, medium and long cage versions and front derailleurs with an improved cage design: available with standard, adjustable or oversized clamps. Maximum shifting performance can be guaranteed when these new derailleurs are integrated with the combination of the Campagnolo cassette hub and Bullet shifting system.
The cassette hub with freewheel is available with 130 and 135 mm spacing in either 32 or 36 hole drilling. The freewheel cogs utilize a unique patented design featuring three different tooth profiles on each individual sprocket. These cogs range from twelve to thirty four teeth.
The Bullet shifting system provides fast and instinctive shifting in any circumstance.
This twistable grip will accomplish immediate and precise shifts with ease even under load. A super light competition pedal has also been added to the Centaur group. These pedals can be used with either traditional style toe clips or the Campagnolo resin clip. These pedals feature replaceable cages as well.
Headsets are available in steel, standard aluminum and 1 1/4" or 1 1/8" oversized aluminum.



CENTAUR	STANDARD ●	GRAPHITE ○								
GEAR	SM ○	MD ○	LG ●							
FRONT CHANGER										
FIXED CLIP-ON ●	CLIP-ON ADJUSTABLE ○									
CLIP-ON FOR TUBES ø 35 ÷ 36 ○										
SHIFT LEVERS	SYNCRO ATB ○	BULLET ●								
HUBS	REAR WIDTH			HOLES				SPEED		
	126,5	130	135	32	36	28	(front)	7	8	
STANDARD ○	○	○	○	○	○	○		○		
CASS. HUB ●		○	●	○	●				●	
CHAINWHEEL										
CRANKS LENGHT	170 ●	175 ○								
INNER CHAINRING	24 ○	26 ●	28 ○	30 ○	34 ○					
CENTRAL CHAINRING	36 ●	38 ○	40 ○	42 ○						
OUTER CHAINRING	46 ●	48 ○	50 ○	52 ○						
BOTTOM BRACKET										
AXLE mm	124 ●	132 ○								
SEAT PIN										
LENGHT mm	280 ○	350 ●								
ø	25,4	26	26,2	26,4	26,6	26,8	27	27,2	28,6	29,4	29,8	30	31,6
STEEL							●	○	○	○	○	○	○
ALUMINUM	○	○	○	○	○	○							
BRAKES	CANTILEVER ●	CALIPER ○											
HEAD SET	STAND. STEEL ●	STAND. ALU. ○	OVER SIZE ALU. 1 1/4" ○	1 1/8" ○									

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THEMIS





THEMIS is a new touring group which Campagnolo is proud to add to the existing competition line of Olympus, Centaur and Euclid.
Technologically, the Themis group will provide similar performance as our competition groups, but at a quality to price ratio more accessible to all. The versatility of these components will allow for the assembly on various types of bicycles such as the city bike, touring bike or hybrid bike. Depending upon the intended use of the bicycle, Themis can be specified with a variety of component combinations such as two rear derailleur sizes, bullet shifter or bar end controls, cassette hub or chain and freewheel. The rear derailleur is available in either medium or long cage versions. The front derailleur is available in three clamp sizes. The indexed seven speed shifting system will come with either the Themis bullet with foam grips or bar end control levers. The cantilever brakes will come with specially designed hybrid brake levers which will ensure proper braking performance.
Hubs are either the traditional threaded type for use with the Campagnolo approved Regina chain and freewheel or the new seven speed cassette hub made in Campagnolo. The headset will be offered in 1", $1^{1}/_{8}$", $1^{1}/_{4}$" versions and the seatpost will be either a 180 mm fluted type or 280 mm cylindrical type. Because of the flexible nature of the Themis group, it is a group which is ideally suited for many of todays bicycle.
It will satisfy any amateur or professional needs and offer the safety and reliability typical of all Campagnolo products.

THEMIS													
GEAR	LG ●	MD ○											
FRONT CHANGER													
FIXED CLIP-ON ●	CLIP-ON ADJUSTABLE ○	CLIP-ON FOR TUBES 35 • 36 ○											
SHIFT LEVERS		BULLET THEMIS	BULLET ATB	BAR-END	SYNCRO CLIP-ON	SYNCRO BRAZE-ON							
7 SPEED		●											
7/8 SPEED			○	○	○	○							
HUBS		REAR WIDTH			HOLES				SPEED				
		126,5	130	135	32	36	28 (front)		7	8			
XENON	●	●	○		○	●	-		●				
OLYMPUS	○	○	○	○	○	○	○		○				
CASS. HUB	○		○	○	○	○				○			
FREEWHEEL	REGINA 7 SPEED ●	CAMPAGNOLO 8 SPEED ○											
CHAINWHEEL													
CRANKS WENGHT		170 ●	175 ○										
INNER CHAINRING		24 ○	26 ●	28 ○	30 ○	34 ○							
CENTRAL CHAINRING		36 ●	38 ○	40 ○	42 ○								
OUTER CHAINRING		46 ●	48 ○	50 ○	52 ○								
SEAT PIN													
LENGHT mm		180 XENON ●		280 OLYMPUS ○									
	25	26,2	26,4	26,8	27	27,2							
ø	○	○	○	○	○	●							
BRAKE	CANTILEVER OLYMPUS ●	CANTILEVER EUCLID ○	CALIPER ○										
BRAKE LEVERS	OLYMPUS ●	HYBRID ○											
HEADSET	XENON ●	OLYMPUS STAND. ALU. ○	OLYMPUS STAND. STEEL ○	OLYMPUS 1.1/4" ○	OLYMPUS 1.1/8" ○								

● = STANDARD ○ = OPTIONAL

BIODYNAMIC BOTTLE



The bottle must have an aerodynamic shape to avoid creating vortices which increase wind resistance. The optimum solution is to avoid wasting space with aerodynamic adaptors by making the bottle itself fit around the down tube.
The shape of the bottle must make it easy to grip and comfortable to use. The rider should be able to remove it from the cage and replace it without looking down.
The Campagnolo biodynamic bottle is shaped to fit the hand, in order to ensure that it is easy to grip.
The valve of the bottle can be opened automatically with just one hand and the mouth, without needing to use the fingers or the other hand.

BIOTHERMAL BOTTLE



Among the problems facing the cyclist are those of putting up with the effects of thirst and cold.
When the temperature reaches 25-30°C, drinking water of the same temperature provides no real refreshment. Stopping to find cool drinks or calling the team car means losing precious moments in a race. On the other hand, when climbing snow-covered mountains or racing in cold Northern weather, a hot drink provides energy and refreshment.
The Campagnolo biothermal bottle is made up of a bottle made of multilayer plastic, with insulating material in a flattened, elongated shape (width: 70 mm) in order to provide the minimum aerodynamic resistance with the minimum of weight (170 g).
The internal plastic bottle is able to contain drinks or liquid foods.
The external covering is made of impact resistant resin.
The Campagnolo biothermal bottle features a patented liquid delivery system, easily operated by a cyclist during a race in the open and closed positions.
The airtight valve can be operated by the teeth while holding the bottle with one hand.

BIODYNAMIC 900 BOTTLE



The mountain bike is a different kind of machine, one that is made for solitary rides in the harsh environment that nature calls her own. The biodynamic 900 bottle is made especially for mountain bikes and is designed for either recreational or competition usage. The capacity is very high (aprox 900 cc) but the overall size of the bottle has been successfully reduced thanks to a new compact geometry. Because it has a higher capacity than the traditional round bottle, it is no longer necessary to carry more than one bottle thereby reducing weight and giving the bike a cleaner look.
The bottle comes with a very practical cap that can be opened with the teeth in order to satisfy the needs of both the competitive and recreational rider as well. The cap, just like the standard biodynamic bottle has 2 positions: the first for spraying to refresh and the second which permits a larger volume for drinking.