

# MIRAGE™



A groupset dedicated to the use of the bike in the most leisurely sense but still without performance compromises at a technical level: included are the CT™ cranksets, often preferred for gearing down the pedal action, and Flat Bar controls, for a higher position.



standard



compact



short



medium



Flat Bar



Veloce™



new



new

Ø 32  
Ø 35



front / rear

L. 13,5  
18,5  
24,0



COMPONENT	FEATURES	BENEFITS
MIRAGE™ 10s rear derailleur 	aluminium bodies rollers on bushings rollers in special rubber	mechanical strength, weight savings, rigidity, minimum ageing long life, low friction damping of vibrations
MIRAGE™ front derailleur 	standardised Standard/Compact fork chrome-plated nickel fork surface treatments	versatility long life and low wear protection from rust
MIRAGE™ QS™ Ergopower™ controls 	aluminum brake lever body made of technopolymer with long glass fibre internal Escape™ mechanism silicone hood fast brake opening control in the brake lever	weight savings, reliability, rigidity, mechanical strength, long fatigue life mechanical strength and corrosion-proof, weight savings, rigidity, minimum ageing minimum wear, minimum maintenance, weight savings, precision, indexing on the front derailleur anallergic, elastic, memory of form, stability with UV and high temperatures greater ergonomics, greater security
FB MIRAGE™ Ergopower™ controls 	body made of technopolymer with oriented, long glass fibre upshift up to three sprockets downshift up to three sprockets rolling mechanism adjustable brake lever distance optical gear display indexed left-hand control	reliability, rigidity, mechanical strength, corrosion-proof, long fatigue life fast shifting fast shifting low friction-light operation, low maintenance, great reliability maximum ergonomics and security with hands of various sizes fast checking without distractions fast and precise shifting
MIRAGE™ front hub 	sealed bearings aluminium axle oversize body Symmetric Action™ lever on the release	low maintenance weight savings greater rigidity, weight savings even and effective operation
MIRAGE™ rear hub 	sealed bearings monolithic freewheel body oversize body Symmetric Action™ lever on the release higher release lever housing	low maintenance weight savings greater rigidity, weight savings even and effective operation better interface with the frames

COMPONENT	FEATURES	BENEFITS
MIRAGE™ UD™ 10s sprockets 	sprocket synchronization Ultra-Drive™ machining of the teeth galvanized	fast precise shifting, less stress for the chain chain passage optimization rust-proof
VELOCE™ Ultra-Narrow™ chain 	width 5.9 mm HD-Link™	quiet operation, less interference with adjacent sprockets and chainrings, high-performance shifting extremely high retention force
MIRAGE™ Ultra-Torque™ crankset 	forged aluminium cranks sheared-drawn chainrings pedal shoulder area tapered washer rolled pedal thread 8 pins on the large chainring Ultra-Torque™ bottom bracket	excellent mechanical specifications, longer fatigue life more rigid for same weight longer fatigue life longer fatigue life faster shifting see specific window
Ultra-Torque™ System 	Hirth-type joint 15 mm locking bolt with preloading Belleville spring variable section semi-axes great interface diameter with the crank bearings on semi-axes triple gaskets preloading spring on the bearings crescent spring for RH bearing cups with surface treatment	self-centering, self-aligning, extreme strength great strength, great security, preload the joint with 1300lb/600kg, self-locking great weight savings, strength where necessary makes it possible to make a thinner crank, with less lateral bulk/better Q-factor simple fast maintenance, fast and simple changing good insulation with reduced friction elimination of lateral bearing movement prevention of crankset movements compared with frame reduced wear and noise
MIRAGE™ brakes 	forged arms special pad compound	stronger, maximum life cycle excellent balance between performance on dry and wet surface, moduable braking and long pad life
VELOCE™ linear pull cantilever brakes 	forged arms special pad compound fast-fit pads	stronger, maximum life cycle excellent balance between performance on dry and wet surface, moduable braking and long pad life speedy replacement and secure retention
RECORD™ plate	technopolymer with PTFE	self-lubricating, minimum friction

## MIRAGE™ 2008

COMPONENT	OPTIONS	DESCRIPTION	WEIGHT (G.)*
MIRAGE™ 10s rear derailleur	short cage	upper to lower pulley-axle: 55 mm	269
	medium cage	upper to lower pulley-axle: 72,5 mm	274
MIRAGE™ QS™ STD + CT™ front derailleur	braze-on / clip-on: Ø 32, 35 mm	for double standard and CT™ crankset - capacity 16 – max. chainring 55 - min. chainring 34 - antifriction insert	106
MIRAGE™ QS™ 10s Ergopower™ shifters		for caliper brakes - double/triple crankset compatible – composite body - aluminium levers - ESCAPE™ mechanism - not compatible with ErgoBrain™	352
MIRAGE™ 10s Ergopower™ FB shifters		for caliper brakes - double/triple crankset compatible – alu-composite body - composite brake lever - requires QS™ front derailleur	340
MIRAGE™ 10s Ergopower™ FB shifters		for linear pull cantilever brakes - double/triple crankset compatible – alu-composite body - composite brake lever - requires QS™ front derailleur	340
MIRAGE™ front hub	32, 36 holes	high quality bearings - O.L.D. 100 mm	140
MIRAGE™ rear hub	32, 36 holes	9s/10s - one-piece light alloy freewheel body – high quality bearings - lockring thread 27x1 - O.L.D. 130 mm	303
MIRAGE™ UD™ 10s sprockets steel	11-25, 12-23, 12-25, 13-26, 13-29	Ultra-Drive™ - single sprockets - galvanized - supplied without lockring (except for 11-25)	259
VELOCE™ Ultra-Narrow™ chain		10s - width 5,9 mm - Ni-PTFE Finish - 114 links - Ultra-Drive™ - requires HD-Link™ for Ultra Narrow™ chain	2,39/ link **
MIRAGE™ Ultra-Torque™ 10s crankset	170, 172.5, 175 mm	39-53 - Black finish - Exa-Drive™ – steel inner chainring - integrated ULTRA-TORQUE™ semi-axes - requires ULTRA-TORQUE™ overboard cups	876
MIRAGE™ Ultra-Torque™ CT™ 10s crankset	170, 172.5, 175 mm	34-50 - Black finish - Exa-Drive™ – steel inner chainring - integrated ULTRA-TORQUE™ semi-axes - requires ULTRA-TORQUE™ BB overboard cups	861
RECORD™ Ultra-Torque™ BB overboard cup	ITA, ENG	aluminium	49
MIRAGE™ brakes	front fixing bolt: 13,5 - 18,5 - 24 mm	brake-pad height adj. ratio: 40÷50 mm (measured from brake fixing-bolt to brake-shoe-nut)	340
MIRAGE™ linear pull cantilever brakes		for distances between brake bosses from 70 to 83 mm and for rim widths from 19.5 to 26.5 mm	432
RECORD™ cable guide plate		to fit under bottom bracket shell - composite, suitable to oversize shells	5

\* The nominal weight refers to the lighter specification among the available options. The weight of the hubs does not include the quick-release. The nominal weight does not take account of the sometimes considerable quantities of grease used in the assembly of the products.

\*\* Example: 2,39 x 108 links = 258 g

