



**marzocchi 2003**





*Over fifty years ago, In 1949, Stefano and Guglielmo Marzocchi founded Marzocchi Spa Italia located in Bologna Italy. The two Marzocchi brothers brought with them over 20 years of experience quickly establishing Marzocchi as a premier powerhouse in suspension and motorcycle manufacturing. (We've even developed and produced a Marzocchi motorcycle called the Hydroflex that introduced a radical new design incorporating the motor as an integral part of the frame structure. This technology is still being used in almost every type of motorcycle design.) Since 1949, Marzocchi's illustrious heritage runs as deep as the companies we work with, Ferrari F1, BMW F1, BMW motorcycles, Ducati motorcycles, Cagiva, Aprilia motorcycles, Lamborghini, Moto Guzzi motorcycles, KTM, Husqvarna, and Mercedes Benz... just to drop a few names.*

*In the early 90's Marzocchi decided to take its extensive knowledge base and develop suspension forks for ever popular mountain bike. Since then, Marzocchi has become the benchmark in MTB suspension and establishing new forms of mountain biking better known as "Free Riding".*

*Still located in beautiful Bologna Italy, Adriano and Paolo Marzocchi, sons of the founding Marzocchi brothers, manage the day-to-day operations of the Global Marzocchi Organization.*



*"Marzocchi works with famous companies like Ferrari, Ducati, Cagiva, Lamborghini, BMW, Moto Guzzi, KTM and Husqvarna, just to name a few."*





*"This is going to be a great year! Why you might ask? Because occasionally, every few years, there is an alignment of the planets that enables us to reach true harmonic balance and produce a product line that will rip your shorts off! With that in mind, we took nearly every fork model and redesigned it from the dropouts to the crown producing changes that will undoubtedly elevate your riding ability to a whole new level. We dissected every detail from the disc only cable routing guide, to the integrated fender, to the new lighter more rigid one-piece casting, to the recalibrated high speed compression valves & cartridges, to the new stiction free bushing system and redesigned it all. It's not about change for the sake of change; it's about leading and defining our products to be the premier choice in suspension. All our new 2003 designs surface from years of secret development with only one goal in mind, to deliver to our customers a product with pure performance. It's all about quality not quantity, a creed that permeates throughout the global Marzocchi operation. This is the reason why we were on the forefront of the Free Ride movement allowing riders to reach their full potential to go bigger with greater safety. If we would have listened to our critics or followed what the other guys were doing we would of made the same lightweight disposable products they did. Our focus is about vision and market leadership, blazing new trails and developing new ideas by listening to what the riders need. We at Marzocchi won't follow the path of least resistance, we love to cut our own trails continuing to define and reinvent the way we ride. The all-new 2003 suspension designs will uphold our cutting-edge credence delivering each and every one of our valued riders the performance promise of value and quality. No other suspension company competes with our heritage and technical power. Don't invest into a company that won't stand behind their products, demand the best and Marzocchi will deliver!"*

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# PERFORMANCE FEATURES

## **DAMPING & OPEN BATH PERFORMANCE**

Open Bath Damping is the heart of our Marzocchi technology. Damping can be described in a multitude of ways but simply put, quality damping means greater rider comfort and control. Marzocchi's technology incorporates 53 years of suspension development where performance is paramount. No one else has our heritage when it comes to suspension development. Our technical philosophy lets our internal design take the guesswork out of complicated and confusing settings. After all, who wants to spend the time and has the skill to constantly be fine tuning their fork according to varying trail conditions. Using our sophisticated Speed Sensitive Valve technology, we've designed our damping systems to automatically provide the right amount of shock absorption. It all relates to how hard and fast you encounter impacts. The slower the fork compresses the less amount of damping is needed. The faster and harder the fork compresses the more damping is required to absorb the force and resist bottoming out. By flowing oil through a series of circuits or valves, damping can be varied automatically, taking the guesswork out of complicated adjustments.

The Open Bath component of our design technology is pure and simple. Oil is the best damping element and that's why it's used throughout the suspension world. Marzocchi's "Open Bath" technology functions in three distinct ways; first the oil is used as a lubricant, secondly it's a coolant, and thirdly oil is a damper. Marzocchi's "Open Bath" damping technology has trickled down from our motocross division and our experience has taught us that it's the only design that provides superior performance and long-term durability. Our "Open Bath" system is used in both fork legs, some of our competitors use single sided system where oil is used strictly as a damping fluid (hatch back damping concept). Since suspension forks need to rapidly

telescope, moving up and down thousands of times a ride, bushings should be coated in a bath of oil allowing friction free movement. The only design that truly accomplishes stictionless performance is Marzocchi's proven "Open Bath" technology. Since oil completely bathes the internal bushings and cartridges all the moving parts glide smoothly, eliminating friction that causes forks to feel harsh and unresponsive. When friction is dramatically reduced or eliminated the life expectancy of internal parts like bushings, seals, and dampers are greatly extended. That's where the center of the legendary Bomber Performance comes from. Don't settle for anything less than Marzocchi's "Open Bath" technology.

## **SSV & SSVF**

SSV stands for Speed Sensitive Valving and it's the easiest most sophisticated way to provide consistent fade free damping performance. Our SSV system uses 5 damping circuits per leg to instantly deliver unsurpassed damping comfort and control. These valves operate in the compression and rebound phase allowing varying amounts of oil to flow through the system according to force and speed. SSV technology derives itself from our motorcycle division providing years of durability under extreme conditions. SSV is configured in two ways, first the non-adjustable SSV system and secondly, the SSV system with internal rebound adjustment. The internal rebound adjustment is accomplished by removing the top caps and inserting the hex key into the valve and either opening or closing for greater or lesser rebound damping.

SSVF is our "Speed Sensitive Valve Floating" with a specially designed Floating Valve that further enhances the SSV concept. The floating valve instantly lets oil start flowing through the first valve circuit with no resistance providing greater initial bump sensitivity. As oil flow becomes greater and faster the floating valve provides more oil flow

resistance and hence more damping performance. The SSVF system uses an external knob to control the rebound speed.

Both systems (SSV & SSVF) can be further fine-tuned by changes in the oil viscosity and valve porting.

## **HSCV CARTRIDGE:**

We've completely retuned the High Speed Compression Valve settings for 2003 increasing damping control under big bump situations. In today's fast and furious extreme riding revolution, going big is the common place and damping technology needs to be on the forefront of design. That's why every cartridge style fork we make utilizes our sophisticated motocross derived shim stack style "HSCV" technology. The HSCV regulates the oil flowing through the bottom of the cartridge via wafer thin shims and a uniquely designed valve. As the fork compresses and oil starts flowing through the valve, according to impact, speed, force, rider weight, etc; compression damping is instantly and automatically adjusted. This means when you whack a sharp-edge bump or land a drop nose down, the HSCV works to eliminate harsh bottoming and loss of control. HSCV system is used in all of our cartridge style forks providing the perfect damping balance that results from the HSCV cartridge being submerged in a total oil environment completely separating rebound, low speed compression, and of course high-speed compression damping. This is another example of Marzocchi's technological might and a 53 year heritage in suspension design. Why would you accept any other design?





## **BUSHINGS**

For 2003, we've updated all our fork models to use the same bushing system that's found in the Monster and Shiver series. These bushings have provided flawless life-long stiction free performance in our most extreme fork models like the Monster T and Shiver DC. We've incorporated this design in all our models to reduce stiction and increase fork stiffness and steering precision. Since suspension forks telescope in their design to absorb impacts and bumps, bushing design is paramount to allowing the fork to compress and extend with the least amount friction between the stanchion tubes and the bushings. Since forks also flex a bit under braking and impacts, generating more friction between the stanchion tube and bushing area; in order to reduce friction and wear and tear between these two high stress components a lubricating system is key. Marzocchi's "Open Bath" designs completely keeps the bushing and stanchion tubes coated in a slippery film of oil, and this combined with our durable DU bushing design reduces stiction and durability is greatly improved.



## **CRYOFIT**

New Cryofit updates for 2003 have resulted in greater strength and stability between the stanchion tubes and crown. We have increased the crown wall thickness and the amount of overlap with the stanchion tubes to provide a larger and more rigid interface between these two components. Marzocchi has pioneered the use of what we call "cryofit", the automated process of cryogenically joining the stanchion tubes to the crown. Our Marzocchi designed robot quality controls every internal and outer diameter of both the stanchion tubes and the crown for exact tolerances. The stanchion tubes are then placed in a cryogenic tank of liquid nitrogen to cool and shrink while the crown is placed in an oven to heat and expand. After pressing these three components together (two stanchions and one crown) and allowing the material to return to room temperature, the three components are nearly welded together providing superb strength and stiffness.

*Our robotic machine has been working overtime to give every fork that precise fit by first checking every stanchion for exact tolerances, then dipping it into liquid nitrogen to cool and shrink the tube.*





## MAGNESIUM MONOLITE

Restyled and re-engineered for 2003, Marzocchi uses our new Monolite magnesium one piece casting on nearly all of our fork models (29" forks excluded). Marzocchi's magnesium Monolite (Mono for one piece and Lite for, well light) provides confidence inspiring rigidity, razor sharp steering precision, and nimble handling due to its lighter weight design. Un-sprung weight (the weight of the lower fork component) is reduced allowing the fork to react quicker (compress & rebound) when bumps are encountered. Our new 2003 Monolite designs are disc-only for the Z.1 line and our Marathon & MX Series incorporate the disc only or brake boss options.



## ECC<sup>5</sup>

ECC<sup>5</sup> "Extension Control Cartridge" started the whole travel adjustment concept and it's back and refined for 2003. We've now turned the adjuster into a 5-clicker system that gives the rider greater control over the feel of the suspension. Remember, Extension Control functions as a rebound lock-out system so when the ECC is in the full open position the rebound, speed is fast ready to react to high-speed descents and rocky terrain. As the ECC clicker is turned in to setting 3 or 4, rebound speed becomes slower until you've reached the 5th position where ECC completely locks out the rebound and the suspension stays compressed. Extension Control functions to reduce the front-end ride height and making steep climbs easier by shifting the rider's weight forward and eliminating the "hill climb wheelie". So the middle settings are great for fast race start sprints or climbing rocky up hills where suspension action is still needed but without the excessive bobbing. ECC<sup>5</sup> can only be found on the Marathon SL and Z.1 Free Ride SL "Doppio Air" fork models.



## "ETA" EXTENSION TRAVEL ADJUST

When Marzocchi introduced the ECC system, we were the first to offer an easy travel adjust function. This function reduces the fork's axle to crown length making steep climbs and switch backs a whole lot easier. Since its introduction, other manufacturers have jumped on the shuttle and introduced their own versions of travel adjustability attempting to provide the ideal travel adjustment system. Our designs are built with one thought in mind, pure functional performance that benefits each and every rider. Our ECC and ETA systems are topped mounted and can easily be adjusted by a flick of your finger. If your favorite trail takes you on an undulating fire road or single track you'll know that stopping at the top of every downhill to adjust your fork is out of the question. Not to mention if your riding partners are going to wait for you. The new ETA system provides the same ECC performance advantage along with 30mm's of active travel no matter where the fork lock's down. To explain it another way, when the ETA is turned on, the fork's rebound is locked-out as in the ECC design and the suspension will compress and settle into its travel based on riders weight and terrain. However, instead of the fork being completely locked-down and rigid, there is a 30mm long spring at the bottom of the ECC cartridge delivering 30mm of active travel to take the edge off small bumps and rocks. This design is only available in coil spring systems and is used in conjunction with air systems (one side air and one side ETA coil).





## Z.1 Series

"There are no words to describe the NEW! Z.1 SERIES. It needs to be ridden. If a picture tells a thousand words than one ride on the all-new 2003 Z.1 tells a million. The original Z.1, arguably the greatest single crown long travel fork ever built, defined a new style of mountain biking called "Free Riding". It's long travel single crown design combined with Marzocchi's motocross style "open bath" damping liberated riders from antiquated technology that limited them from achieving their true riding potential. Upstaging this kind of heritage is a difficult task, but after a few years of development and a lot of testing the new evolution in long travel single crown fork design is about to be unleashed! The new 2003 Z.1 FR Series represents the perfect evolution of the equipment to the rider."

### NEW Z.1 FREERIDE Features

#### NEW MAGNESIUM "MONOLITE" CASTING:

- The 100% reengineered 1-piece magnesium casting is stout yet light and replaces the 3 piece (leg-arch-leg) design of last year.
- This lightweight casting produces stiffness and strength for razor sharp steering and hard-hitting durability.
- Beautiful cutting edge sculpted design.
- Reduced unsprung weight allows the sliders (fork lowers) to react quicker to bumps and impacts.
- Raised centerline ridge improves fore and aft stiffness increasing control under hard braking.
- Beefed-up disc brake mounting tabs resist flex under hard braking keeping the caliper straight and true increasing braking power & effectiveness.
- **NEW!** QR20Pro axle system option.



#### NEW INTERNAL UPDATES

- ETA Extension Travel Adjustment.
- Revised and retuned damping settings eliminate bottoming under heavy hits.
- Shiver/Monster T style extreme bushings now used in the Z.1 FR Series.
- New bushings are virtually stiction free allowing for greater trail sensitivity and rider comfort. No friction means quicker reaction time to bump absorption.

#### NEW FORGED CROWN

- Lightweight fender style design with larger cross section for greater strength and rigidity.
- Our new fender style forged crown is a work of art and represents the epitome of strength and styling.
- The crown is the most important structure in a fork's design. It brings together the steer tube and the two stanchion tubes resulting in a component that cannot be compromised.
- Unique design produces a large horizontal cross section for greater torsional and vertical strength.
- Increased overlap between stanchion tubes and crown increases strength, stiffness & steering precision.
- Exclusive integrated Acerbis fender option.



#### NEW 32mm STANCHION TUBES

- Larger diameter stanchion tubes increase strength and stiffness & steering control.
- The larger 32mm stanchion tubes has a much deeper overlap with the crown greatly increasing stiffness, strength, and control.
- Increased crown & stanchion tube overlap linked with larger 32 mm tubes offer supreme strength & rigidity for big drop situations.
- A necessary evolution in today's Free Riding demands!
- Can be found on Z.1 FR, Z.1 FR SL, DJ 1,2,3, Jr.T, & Super T.



#### NEW QR20-PRO 20 AXLE SYSTEM

- All hardcore Free Riders & Down Hillers know the difference that a 20mm axle makes on steering precision and Marzocchi has lead the way since the introduction of the QR20 axle system in 1999.
- 2003 marks the year that the QR20 reaches nirvana perfection in design and function.
- Lower drop-out is beautifully sculpted for the flap system.
- Tool-less wheel removal capability when used with the QR skewer.
- Multiple axle design options.



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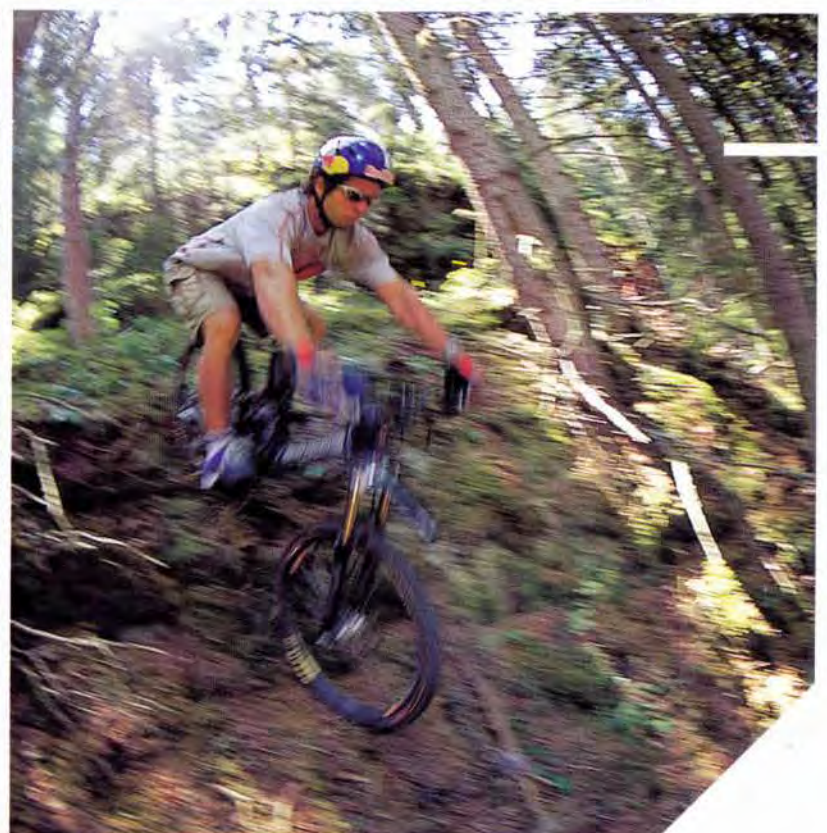




Marzocchi's expertise in over 50 years of high-end manufacturing combined with an Italian talent for creating great products, makes us the number one choice for the core riding enthusiast. Our vision has not been about how many forks we can make at the lowest prices, but to maintain the quality of the product we are making. It goes without saying that the Bomber is built for the extreme rider whether it's marathon, cross-country, freeride, freeride extreme or pure downhill. The Bomber is the fork choice of the most respected riders in the world. We are committed to continuing signature quality and innovation in the future.

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	01	02	03	04	05	06	
	MARATHON	aggressive XC	XC	DJ	FreeRide	FR/DH	
MARATHON SL	○						
MARATHON S	○						
MX PRO W/ETA		○					
MX PRO		○					
MX COMP W/ETA		○					
MX COMP		○					
EXR			○				
Z.1 FR SL		○			○		
Z.1 FR					○		
Z.1 DROP OFF					○		
DIRT JUMPER I				○			
DIRT JUMPER II				○			
DIRT JUMPER III				○			
JR T						○	
SUPER T PRO						○	
SHIVER SC					○		
SHIVER DC						○	
MONSTER T						○	
MONSTER T2						○	
SUPER MONSTER						○	

## Category Legend

01

*Marathon Enduro:*  
DURABLE DESIGN  
FOR COMPETITION USE

02

*Aggressive XC:*  
XC SUSPENSION  
PERFORMANCE  
FOR EVERY TRAIL

03

*Cross Country:*  
BOMBER QUALITY  
FOR INTERMEDIATE  
TERRAIN & EXPEDITIONS

04

*Slalom/ Dirt Jumping:*  
SUSPENSION FOR  
BIG AIR AND  
DUAL SLALOM COURSES

05

*FreeRide:*  
FORKS FOR THE  
ROUGHEST DESCENTS  
AND CLIMBS

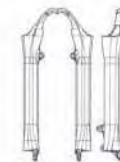
06

*Extreme FR/ DH Racing:*  
BULLETPROOF FORKS  
FOR INSANE RIDING  
AND PRO DH RACES





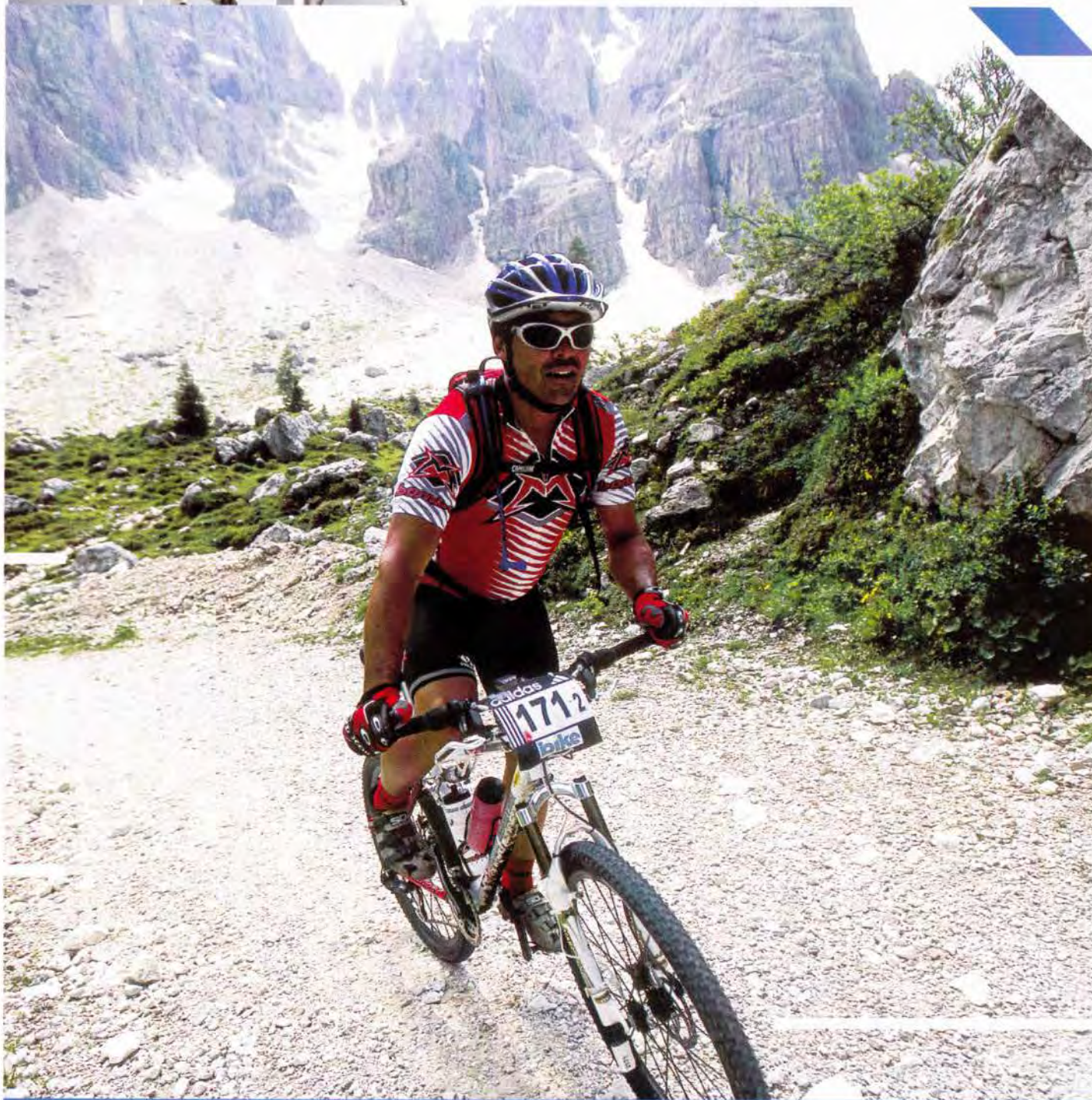
The Marathon Series forks are fully adjustable forks that are available in either Dual Coil or our plush Doppio Air system.



## Marathon Series

Marathon racing and 24 hours events are growing market segments and product specific components fuel our customer's desire for new and better products. Marzocchi and its employees were in the delivery room when Marathon racing was born and no other suspension company has involved themselves as intensively as we have when it comes to the hard core Marathon events. We will continue to race and attend the ever-popular bike festivals. We feel that through our attendance at these events, we are able to influence our core market audience, and receive feedback of what our consumers need. When other companies are pulling back we're trying to push the gas pedal through the floorboard and deliver all new cutting-edge designs like the 2003 Marathon SL (Doppio Air) and Marathon S (Coil) fork series. We've punched the pedal and completely restyled and redesigned the Marathon with a new forged CNC polished crown and all new one-piece magnesium lower/arch assembly with styling that can only be described in one word...Italian. We've also added a new coil version of the Marathon Series called the Marathon S Coil. Both models have updated internals all wrapped-up in a new crown/slider assembly, delivering something that will drive consumer demand for better high performance products.

*What a better place to test the durability of our forks but during the eight grueling days of the Trans Alp Challenge*





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## advanced technology



MODEL	MARATHON SL	● MARATHON S
Damping System: ECC <sup>®</sup> = NEW Extension Control Cartridge	Dual Hydraulic Compression & Rebound Cartridge Damping Open Bath Lubrication	○ - 1-side: ETA, Open Bath - 1-side: Open Bath HSCV Cartridge
Adjustability:	PL/R/ECC <sup>®</sup> - 5-position Extension Control Cartridge limits extension for easier climbing. External positive & negative air preload via air adapter	○ PL/R/ETA Extension Travel Adjustment limits extension for easier climbing. External preload & rebound
Spring Type:	Doppio Air (Pos./Neg.)	○ Dual Coil
Travel:	85mm or 105mm Travel	○ 105mm Travel (85mm Travel Reduction Kit Available)
Crown:	<b>NEW DESIGN!</b> Superlight Forged "M" Crown Cryofit Design	○ <b>NEW DESIGN!</b> Superlight Forged "M" Crown Cryofit Design
Arch/Sliders:	<b>NEW DESIGN!</b> Magnesium Marathon Monolite 1-piece Arch+Sliders	○ <b>NEW DESIGN!</b> Magnesium Marathon Monolite 1-piece Arch+Sliders
Stanchions: (Inner Legs)	30mm Alloy Tapered Tubes	○ 30mm Alloy Tapered Tubes
Steer Tube:	Alloy XC	○ Alloy XC
Disc Brake Mount:	XC INTL STD 6" Rotor Setup	○ XC INTL STD 6" Rotor Setup
Drop Out Type:	Standard	○ Standard

Supplied with:  
- cable guide

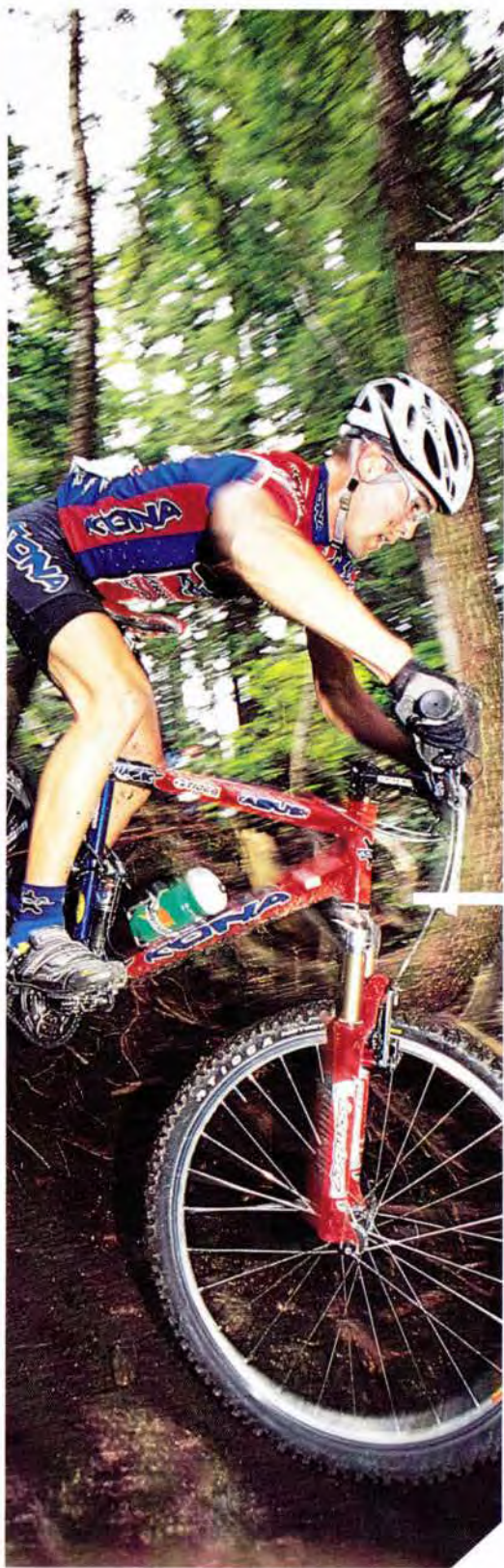
- brake boss bolts



Enduring Is a Beautiful Thing...



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# MX Series

Just because we inovated FreeRide, doesn't mean we can't have our hands in the cross country market too.



MX Series (MXC & MXR) lights up the trails by delivering light-weight & durable performance in a wide range of trail conditions. The MX series fits the name because these forks are geared for maximum trail versatility delivering predictable steering control and superb damping quality under any conditions. This fork is perfect for those who desire aggressive XC/Free Ride style damp-ing for the big hits while retaining a feather weight feel.



## ADVANCED TECHNOLOGY



MODEL	MX COMP	● MX COMPw/ETA	● MX PRO	● MX PROw/ETA
Damping System:	Dual SSVF	○ - 1-side: ETA, Open Bath - 1-side: Open Bath Dual SSVF	○ Dual speed sensitive valves (SSVF) w/floating valve design	○ - 1-side: ETA, Open Bath - 1-side: Open Bath Dual SSVF
Adjustability:	PL/R External preload & rebound	○ PL/R/ETA Extension Travel Adjustment limits extension for easier climbing. External preload & rebound	○ PL- preload R- single external rebound adjuster.	○ PL- preload R- single external rebound adjuster.
Spring Type:	Air or Dual Coil	○ 1 side: Air 1 side: ETA/Coil	○ Air or Dual Coil	○ 1 side: Air 1 side: ETA/Coil
Travel:	85mm or 105mm Travel	○ 105mm Travel (85mm Travel Reduction Kit Available)	○ 105mm Travel (85mm Travel Reduction Kit Available)	○ 105mm Travel (85mm Travel Reduction Kit Available)
Crown:	<b>NEW DESIGN!</b> Superlight Forged "M" Crown Cryofit Design	○ <b>NEW DESIGN!</b> Superlight Forged "M" Crown Cryofit Design	○ <b>NEW DESIGN!</b> Superlight Forged "M" Crown Cryofit Design	○ <b>NEW DESIGN!</b> Superlight Forged "M" Crown Cryofit Design
Arch/Sliders:	<b>NEW DESIGN!</b> Magnesium Marathon Monolite 1-piece Arch+Sliders	○ <b>NEW DESIGN!</b> Magnesium Marathon Monolite 1-piece Arch+Sliders	○ <b>NEW DESIGN!</b> Magnesium Marathon Monolite 1-piece Arch+Sliders	○ <b>NEW DESIGN!</b> Magnesium Marathon Monolite 1-piece Arch+Sliders
Stanchions:	30mm Alloy	○ 30mm Alloy	○ 30mm Alloy	○ 30mm Alloy
Steer Tube:	Steel	○ Alloy XC	○ Alloy XC	○ Alloy XC
Disc Brake Mount:	XC INTL STD 6" Rotor Setup	○ XC INTL STD 6" Rotor Setup	○ XC INTL STD 6" Rotor Setup	○ XC INTL STD 6" Rotor Setup
Drop Out Type:	Standard	○ Standard	○ Standard	○ Standard

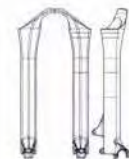


Epic's are Beautiful Thing...





After years of development and lots of money we have completely re-designed the 2003 Z.1 fork line.



## Z.1 Series



The all-new Z.1 Free Ride Series represents the pinnacle in long travel single crown design. The first Z.1, introduced in 1996, started the Free Ride movement by allowing riders to perform beyond their previous capabilities which had been hampered by poorly performing products. The all-new Z.1 Series elevates our continued Free Ride dominance to an all-new level, raising the bar for others to follow. We've completely dissected every aspect of the Z.1 to make it perform unlike any other long travel single crown fork on the market. The new Z.1 is made for riders who still love the up hill climbs as much as the downhill's and all-around riding performance is the difference between a good ride and a great one. The Z.1's increase in overall stiffness along with the internal design updates produces a fork that has razor sharp steering, extremely sensitive small-bump performance and high-speed sensitivity. It's long travel single crown design combined with Marzocchi's motocross style open bath damping liberated riders from previous designs that straight jacketed riders from achieving their true potential. We feel that the all-new Z.1 Free Ride Series unleashes the performance demanded by today's cutting edge riders.



Acerbis made Integrated fender is an option for all forks that have the **NEW!** Cryofit FR Corwn.



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## advanced technology



MODEL	Z1 FR SL	● Z1 FR	● Z1 Drop-off®
Damping System:	Hydraulic Compression & Rebound Cartridge Damping Open Bath Lubrication	○ - 1-side: ETA SSV Hydraulic cartridge with HSCV Open bath	○ - 1-side: ETA SSV Hydraulic cartridge with SSVF Open bath
Adjustability:	PL/R/ECC® - 5-position Extension Control Cartridge limits extension for easier climbing. External positive & negative air preload via air adapter	○ PL/R/ETA Extension Travel Adjustment limits extension for easier climbing. External preload & rebound	○ PL/R/ETA Extension Travel Adjustment limits extension for easier climbing. External preload & rebound
Spring Type:	Doppio Air (Pos./Neg.)	○ Dual Coil	○ Dual Coil
Travel:	130mm	○ 130mm	○ 130mm
Crown:	<b>NEW DESIGN!</b> Forged FR Crown with Cryofit "M" design	○ <b>NEW DESIGN!</b> Forged FR Crown with Cryofit "M" design	○ <b>NEW DESIGN!</b> Forged FR Crown with Cryofit "M" design
Arch/Sliders:	<b>NEW DESIGN!</b> Magnesium Monolite 1-Piece Arch+Sliders Freeride Design	○ <b>NEW DESIGN!</b> Magnesium Monolite 1-Piece Arch+ Sliders Freeride Design	○ <b>NEW DESIGN!</b> Magnesium Monolite 1-Piece Arch+ Sliders Freeride Design
Stanchions:	32mm Alloy	○ 32mm Alloy	○ 32mm Alloy
Steer Tube:	Alloy FR	○ Alloy FR	○ Alloy FR
Disc Brake Mount:	Standard - XC INTL STD 6" Rotor Setup QR20Plus - DH INTL STD 8" Rotor Setup	○ Standard - XC INTL STD 6" Rotor Setup QR20Plus - DH INTL STD 8" Rotor Setup	○ Standard - XC INTL STD 6" Rotor Setup QR20Plus - DH INTL STD 8" Rotor Setup
Drop Out Type:	Standard	Standard or QR20Pro	Standard



FreeRide Is a Beautiful Thing...





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# DIRT JUMPER Series

For 2003 we have added a new Air Assist System so you can stiffen up your fork as much as you want.



Since we had had tremendous success since last year's introduction of the DJ series we've decided to add the updates and restyling found on the Z.1 Series. Dirt Jumper models I, II, and III all utilize the new one-piece magnesium casting along with the fender style forged CNC crown and with the larger 32mm alloy stanchion tubes. As in the Z.1 series, offering hard-core freeriders and dirt jumpers Marzocchi's continued commitment to the evolution in freeriding, dirt jumping, urban assault, and basic terrorizing of your local trails!


## ADVANCED TECHNOLOGY

MODEL	DIRT JUMPER I	● DIRT JUMPER II	● DIRT JUMPER III
Damping System:	<b>NEW DESIGN!</b> Dual SSVF floating valve design	○ <b>NEW DESIGN!</b> Dual SSV Internal Rebound adj.	○ Dual SSV Non-Adjustable
Adjustability:	PL/ R Single external rebound adjuster located at (Bottom) External air preload (Both Legs)	○ PL/R External Air Preload Both Legs Dual internal SSV rebound adjuster	○ PL External Air Preload
Spring Type:	Dual Coil and Air Assist	○ Dual Coil and Air Assist	○ Dual Coil and Air Assist
Travel:	110mm	○ 110mm	○ 130mm
Crown:	<b>NEW DESIGN!</b> Forged FR Crown with Cryofit "M" design	○ <b>NEW DESIGN!</b> Forged FR Crown with Cryofit "M" design	○ <b>NEW DESIGN!</b> Forged FR Crown with Cryofit "M" design
Arch/Sliders:	<b>NEW DESIGN!</b> Magnesium Monolite 1-Piece Arch+ Sliders Freeride Design	○ <b>NEW DESIGN!</b> Magnesium Monolite 1-Piece Arch+ Sliders Freeride Design	○ <b>NEW DESIGN!</b> Magnesium Monolite 1-Piece Arch+ Sliders Freeride Design
Stanchions:	32mm Alloy	○ 32mm Alloy	○ 32mm Alloy
Steer Tube:	Alloy FR	○ Alloy FR	○ Steel
Disc Brake Mount:	QR20Plus - DH INTL STD 8" Rotor Setup	○ Standard - XC INTL STD 6" Rotor Setup ○ QR20Plus - DH INTL STD 8" Rotor Setup	○ Standard - XC INTL STD 6" Rotor Setup
Drop Out Type:	QR20Pro	Standard	Standard



Jumping Is a Beautiful Thing...





For 2003 Marzocchi has been able to re-develop our Junior T and Super T Pro to make them stiffer and better than ever.



## Jr. T and Super T



The new Jr. T and Super T models satisfy the demand that some riders have for lighter weight long travel suspension that can still handle the big hits. Last years Super T and Junior T models at 7" a piece proved to be a highly sought after product for both the OE and the after market. A complete redesign for 2003 production have been stepped-up a notch to handle the increase in demand! Both models have 7" of buttery smooth travel but now the rigidity and steering precision has been enhanced with the addition of larger 32mm alloy stanchion tubes and the all-new one-piece magnesium casting that can also be found on the Z.1 & DJ Series. Adding to the stiffness and strength of the larger stanchions and one-piece lowers, we used the cool new fender style crown also found on the Z.1 and DJ models in Cryofit form. By uniquely Cryofitting the stanchions to the lower clamp we provide maximum grip and hold to the larger 32mm stanchions. The upper clamp is also completely new and designed to accommodate the direct mount stem as only previously used on the Shiver DC. Not to leave the externals with the only updates we've also tweaked the internals allowing for greater small, medium, and large hit capability. All together, with all the updates and changes, these forks will be lighter, stiffer, stronger, and will function better than ever before. What else do you need?



Acerbis made Integrated fender is an option for all forks that have the **NEW!** Cryofit FR Corwn.





# marzocchi 2003

## advanced technology



Our new top clamps are set-up for direct mount stem's. These stem's are fully adjustable and are available in a short (11mm-13mm) and long size (55mm-67mm).

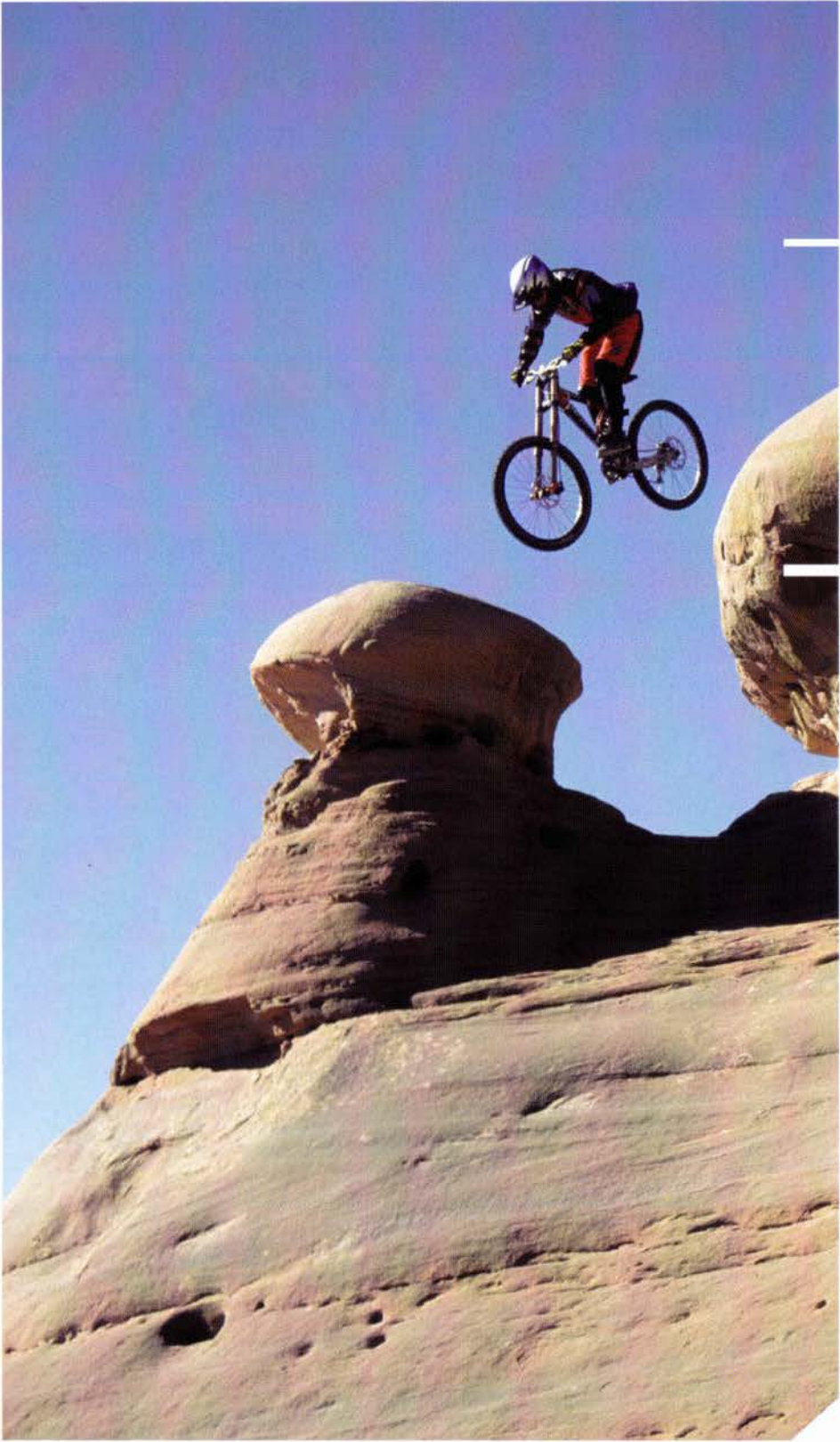


MODEL	JUNIOR T	● SUPER T PRO
Damping System:	<b>NEW DESIGN!</b> Dual SSVF system. Adj. rebound valve. Open bath	○ SSV Hydraulic cartridge with HSCV. Open bath
Adjustability:	<b>NEW DESIGN!</b> PL/R Dual Internal rebound adjuster External preload	○ PL/R Cartridges for rebound. External preload
Spring Type:	Dual Coil	○ Dual Coil
Travel:	170mm	○ 170mm
Top Crown:	<b>NEW DESIGN!</b> Forged top clamp	○ <b>NEW DESIGN!</b> Forged top clamp
Lower Crown: ★ STIFFER	<b>NEW DESIGN!</b> Forged FR Crown Boltless "M" design	○ <b>NEW DESIGN!</b> Forged FR Crown Boltless "M" design
Arch/Sliders: ★ STIFFER	<b>*NEW DESIGN!</b> Magnesium Monolite 1-Piece Arch+ Sliders Freeride Design	○ <b>NEW DESIGN!</b> Magnesium Monolite 1-Piece Arch+ Sliders Freeride Design
Stanchions:	32mm Alloy	○ 32mm Alloy
Steer Tube:	Alloy FR	○ Alloy FR
Disc Brake Mount:	DH INTL STD 8" Rotor Setup	○ DH INTL STD 8" Rotor Setup
Drop Out Type:	QR20Pro or STD	○ QR20Pro



Racing Is a Beautiful Thing...





*marzocchi 2003*





# SHIVER Series



Just imagine owning a mountain bike suspension fork that's transcends itself directly from the motocross tracks of Europe and United States. Just imagine buttery smooth bottomless travel compliments of an adjustable Open Bath hydraulic damping system. Just imagine a fork that's designed to tear-up your favorite DH course or make you a hero at your local freeride zone. Just imagine a suspension fork made for your mountain bike that looks, rides, and performs like a lightweight motocross fork. Just imagine a fork that will bring you to new heights for bigger drops and faster smoother runs. Now is the time to open your eyes and see what the new Shiver DC and Shiver SC inverted DH/FR suspension forks can do for you and your riding experience.



## advanced technology

MODEL	SHIVER SC	● SHIVER DC
Damping System:	- 1-side: ETA - 1-side: Open Bath HSCV cartridge	○ SSV Hydraulic cartridge with HSCV Open bath
Adjustability:	PL/R/ETA Extension Travel Adjustment limits extension for easier climbing. External preload & rebound	○ PL/R Dual external rebound adj. External preload
Spring Type:	Dual Coil	○ Dual Coil
Travel:	120mm	○ 190mm
Top Crown:	Forged CNC "M" Crown	○ Forged Bam top clamp
Lower Crown: ★ STIFFER	N/A	○ Forged BAM lower clamp
Arch/Sliders: ★ STIFFER	CNC Alloy outer tubes	○ CNC Alloy outer tubes Drop out CNC alloy
Stanchions:	30mm Alloy	○ 35mm alloy
Steer Tube:	Alloy FR	○ Alloy FR
Disc Brake Mount:	DH INTL STD 8" Rotor Setup	○ DH INTL STD 8" Rotor Setup
Drop Out Type:	Ø 20mm Full Clamp	○ Ø 20mm Dedicated Axle



*Trust Is a Beautiful Thing...*

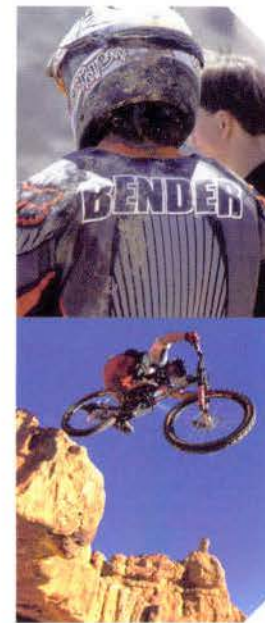




## MONSTER Series



The all-new, totally redesigned, 2003 Monster's can best be described in a single word "Monstrous"! When it's time to go bigger than your insurance deductible allows, it's time to take a Monster for a ride. We've taken every



component on the Monster and redesigned it from the inside out. We started with our seriously adjustable Shiver MX cartridge dampers and put one in each leg, that's two per fork! These dampers allow for externally adjustable low-speed, high-speed, and rebound control. We have a new stronger and stiffer M-styled bolt-on arch that's attached to two forged-cnc machined sliders with massive disc brake mounting posts. The upper and lower clamps are forged, cnc-machined, and

anodized displaying the utmost attention to quality, strength, and performance. The top clamp also accepts our direct mount stem option as does all our dual crown fork models. There are three Monster models to choose from, Super Monster T (290mm travel), Monster T (200mm travel), and the Monster T2 (200mm travel) for those riders on a Monster budget but still want to go Monster big.





# marzocchi 2003

## ADVANCED TECHNOLOGY



Our new top clamps are set-up for direct mount stem's. These stem's are fully adjustable and are available in a short (1mm-13mm) and long size (55mm-67mm).



MODEL	MONSTER T	● SUPER MONSTER
Damping System:	<b>NEW DESIGN!</b> ø26mm Shiver Motocross Cartridges	<input type="radio"/> <b>NEW DESIGN!</b> ø26mm Shiver Motocross Cartridges
Adjustability:	PL/R Right Leg External Rebound (Top) External Compression Adjust (Bottom) Left Leg External High Speed Compression Adjusters (Bottom)	<input type="radio"/> PL/R Right Leg External Rebound (Top) External Compression Adjust (Bottom) Left Leg External High Speed Compression Adjusters (Bottom)
Spring Type:	Dual Coil	<input type="radio"/> Dual Coil
Travel:	200mm	<input type="radio"/> 300mm
Top Crown:	Forged Alloy with Integrated Stem Mount Capability	<input type="radio"/> Forged Alloy with Integrated Stem Mount Capability
Lower Crown: ★ STIFFER	<b>NEW DESIGN!</b> Forged Alloy 3 bolt design	<input type="radio"/> <b>NEW DESIGN!</b> Forged Alloy 3 bolt design
Arch/Sliders: ★ STIFFER	<b>NEW DESIGN!</b> Forged Aluminum Alloy "M" bolt-on Arch	<input type="radio"/> <b>NEW DESIGN!</b> Forged Aluminum Alloy "M" bolt-on Arch
Stanchions:	40mm Alloy	<input type="radio"/> 40mm Alloy
Steer Tube:	Alloy FR	<input type="radio"/> Alloy FR
Disc Brake Mount:	DH INTL STD Post Mount For 8" Rotor Setup	<input type="radio"/> DH INTL STD Post Mount For 8" Rotor Setup
Drop Out Type:	Ø 20mm Dedicated Axle	<input type="radio"/> Ø 20mm Dedicated Axle



Landing Is a Beautiful Thing...



# marzocchi 2003





# BMX Series



BMX has proven to be the catalyst to all the past and current great mountain bikers that are dominating the circuit today. With this in mind Marzocchi set out to dominate the BMX market with our Patented Aluminum BMX racing fork. Marzocchi's commitment to BMX racing is evident by the complete authority of the Elite 22 Pro BMX Racing worldwide. Christophe Leveque, Thomas Allier, Robert De Wilde, Danny Nelson, John Purse, Kyle Bennett, Greg Romero. That amounts to a complete Elite 22 Pro main event...yeah we know DOMINATION!



Currently in development and due to release mid 2003 is Marzocchi BMX's steel dirt jumper fork.



## ADVANCED TECHNOLOGY

### MINI/JR 20" / 24"

6061 / T6 aluminum, patented "ILOC" integrated leg and crown system. Extruded leg integrates the drop-out into a one-piece design.

Custom CNC machined

7075-steerer tube.

Colors – Anodized red, anodized black and polished

Weight – 20" / 17 oz., 24" / 19 oz.

Rider weight limit – 100 lbs.

### EXPERT 20" / 24"

6061 / T6 aluminum, patented "ILOC" integrated leg and crown system. Extruded leg integrates the drop-out into a one-piece design.

Custom CNC machined

Vary Wall 7075 steerer tube.

Colors – Anodized red, anodized black and polished

Fork weight – 20" / 24 oz., 24" / 26 oz.

Rider weight limit – 145 lbs.

### PROLITE 20" / 24"

6061 / T6 aluminum, patented "ILOC" integrated leg and crown system. Extruded leg integrates the drop-out into a one-piece design.

Custom CNC machined

Vary Wall 7075 Proride steerer tube.

Colors – Anodized red, anodized black and polished

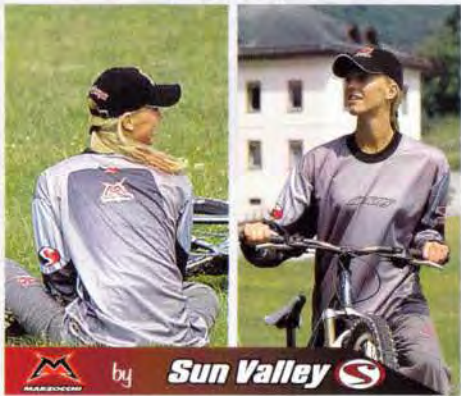
Fork weight – 20" / 32 oz., 24" / 34 oz.

Rider weight limit – Pro level (none)



Winning Is a Beautiful Thing...





1



2



3

MARZOCCHI by SUN VALLEY

1	Freeride Jersey L/S	Grey	L/XL
2	Fun Shorts	Light Grey	M/L/XL
3	Hi-Tech Polo S/S	Dark Grey	M/L/XL
4	FR Shorts	Grey	M/L/XL
5	Zip Up Fleece	Black	M/L/XL
6	Cargo Pants	Dark Grey	M/L/XL
7	Dual Tee	Red & Grey	M/L/XL
8	Multi Sweatshirt	Grey	L/XL
9	Quick Dry T-Shirt	Grey	M/L/XL

MARZOCCHI  
FREERIDE



4



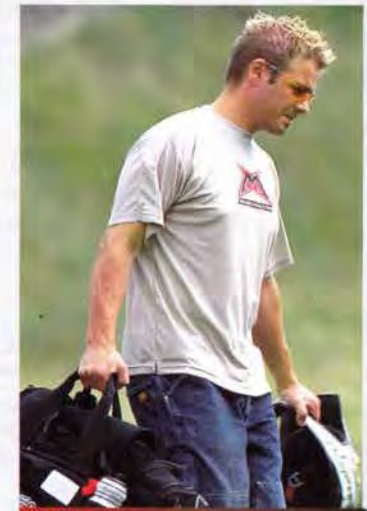
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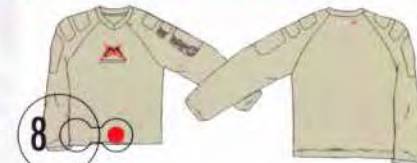
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7



9



8







A



B



C



D

TECH

A	Thermopile Jersey LS	Red	L/XL
B	Bomber Racing Shorts	Black	L/XL
C	Bomber Socks	Red & Black	one size
D	Gloves	Black & Grey	M/L/XL

FREE TIME

E	Bomber Sweatshirt	Grey	M/L/XL
F	Pants	Black	M/L/XL



E



F



marzocchi 2003



# marzocchi merchandise



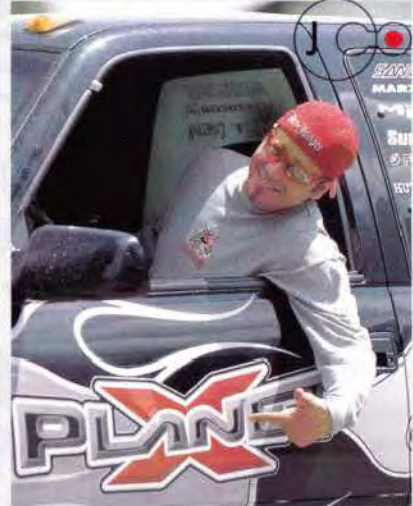
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H



I



J



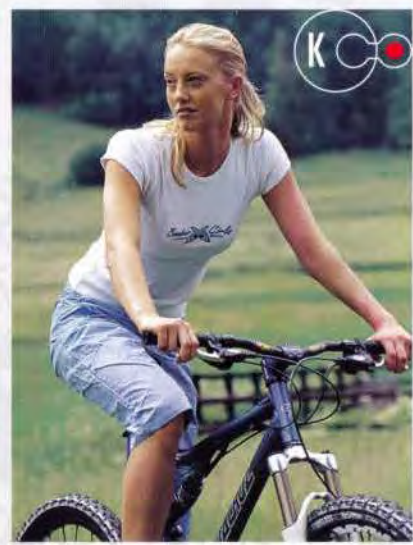
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## tees

G	Marzocchi Marquee T-Shirt	Red	M/L/XL
H	Bomber T-Shirt	White/Black/Grey	M/L/XL
I	M Performance Vision Tee	White/Black	M/L/XL
J	L.S. T-Shirt	Grey	M/L/XL
K	Bomber Girls Butterfly Tee	White	S/M
L	Bomber Girls Military Tee	Military Green	S/M
M	Bomber Girls Star Tank	Black	S/M



M



K

## HATS & BEANIES

α	Dirt Jumper Flex Fix Hat	Red	One size
β	Dirt Jumper Adjustable Hat	Black	Adjustable
γ	Marzocchi Beanie	Black	One size



α



β



γ





## accessories

N	Workshop Apron	Black	one size
O-P	Stickers	Bomber/"M"	15/10cm
Q	Stickers Sheet	Assorted	30x21cm
R	M Van Sticker	Marzocchi logo	30x21cm
S	Pins	Nickel	2,5cm
T	"M" Waterbottle	Pearl	75cl
U	Backpack	Dark Grey	30lt
V	Travel Bag	Black	80lt
W	Marzocchi Banner	Marzocchi logo	3x0,8m
X	Authorized dealer sign EU/UK	Clear Plexi.	55x18cm
Y	Mobile - Dealers Shop sign	Marzocchi logo	45x45x45cm
Z	Marzocchi History	Dedicated Box	130 color pg







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