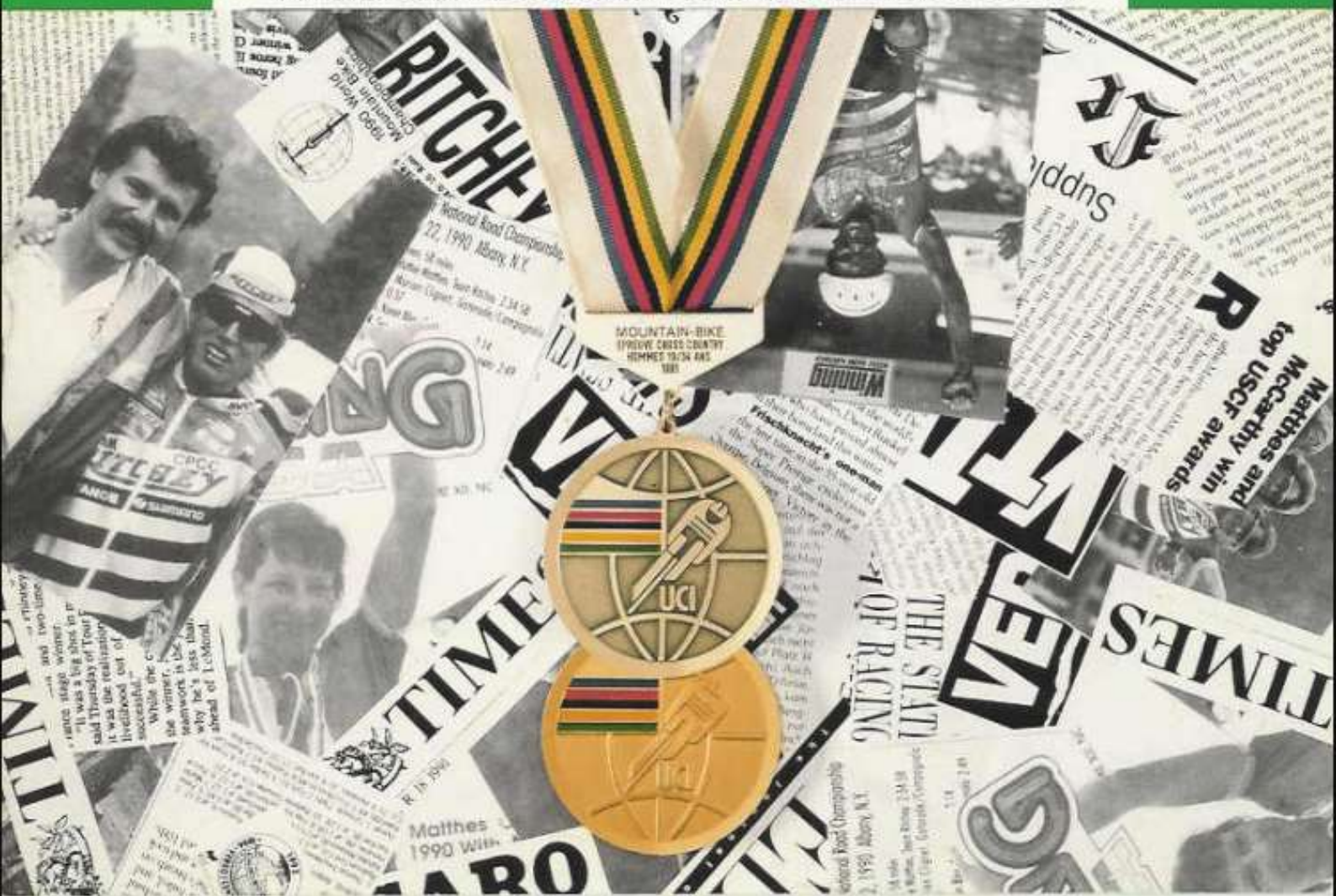




# W.C.S.

WORLD CHAMPIONSHIP SERIES





# W.C.S.

WORLD CHAMPIONSHIP SERIES

## PROLITE WCS HANDLEBAR

At only 123 grams, the Prolite WCS sets the new standard in lightweight handlebars. Proprietary butting gives this bar unequalled vibration damping. Strong enough to endure the abuses of world cup competition, ProLite WCS bars have won numerous world and national championship medals over the past two racing seasons.

- 4 and 6 degree bend
- Easton EA70, butted aluminum
- 560mm width
- Finish: hard anodized platinum

W.C.S.

RITCHEY  
ProLite



W.C.S.



## LOGIC BAR ENDS

Ritchey Logic bar ends. At 135 grams per pair they're the lightest available.

Made with heat-treated, 6061 alloy and state of the art one piece, three dimensional forging; there are no glued or

welded joints to worry about.

The 14mm, low profile clamp gives you more operating room on the bars. Available in three sizes (medium shown) and colors.



## TRUE GRIPS™ WCS

Made from new durable high-density, lightweight neoprene foam, WCS True Grips are hexagonally shaped and conform to the hand for the best possible control.

- 50 grams per pair
- black
- end plugs



## WCS SERIES TIRES

Formula One tire technology reaches the bicycle industry with Ritchey WCS tires. Lighter casing material, kevlar bead and a special low density tread compound make WCS the highest traction, lightest tires available without sacrificing durability. Like auto and motorcycle racing teams, you too can custom tune your bike with the perfect tire combination for the conditions. WCS tires are available in a variety of sizes, tread patterns and two rubber compounds (black or special red).

### Z-MAX

#### 1991 World Champion

Light and predictable. The Z-Max is the result of years of testing and refining Vector Force Analysis. The results speak for themselves. Winner of seven Grundig World Cup races in 1992.

26" x 1.7	400 grams
1.9	485 grams
2.1	560 grams
2.35	600 grams

### MEGABITE HARDDRIVE

#### 1989 World Champion

The lightest 2.1 tire made. Designed to excel in loose and rugged conditions. The Harddrive has a more open tread pattern than the other Megabites.

26" x 2.1	530 grams
-----------	-----------

### MEGABITE OVERDRIVE

#### 1989 World Champion, 1990 World Silver and Bronze medals

The original tire design using VFA technology. A tighter tread pattern and low rolling resistance make the Overdrive perfect for hardpacked surfaces.

26" x 2.0	530 grams
700 x 38c	380 grams

### FORCE DURO and RACING "K"

The original national championship winning race tires by Ritchey are still the lightest and most enduring design of any mountain bike tire ever made. The Duro and Racing "K" are still big favorites among many top pros eight years after their debut.

Race "K"	26" x 1.9	465 grams
Force	26" x 2.0	510 grams





**W.C.S.**  
WORLD CHAMPIONSHIP SERIES

**PROELITE**



## VANTAGE PRO WCS RIMS

The choice of professional off-road riders like Tim Gould, Mike Kloser, Peter Hric, Thomas Frischknecht and World Champion Ruthie Matthes. Weighing only 395 grams, with the same 23 mm width as our World Championship winning Vantage Comp, they're ultralight, yet strong enough to withstand the rigors of the professional world cup circuit. Made from the finest alloys, these rims are unequalled for strength and durability.

- 395 grams
- 28, 32, 36 drill
- Silver or duronomic grey finish



## RITCHIE LOGIC BRAKE PAD

Time to throw away your old brake pads. Unhappy with the performance of stock brake pads, Tom focused on the problems of premature wear, chatter and clearance. The solution is the Logic brake pad made in the U.S.A. by Kool Stop, the leader in high performance brake pads. With one of the largest contact areas of any pad, Logic will stop you faster and more predictably than stock pads. The revolutionary design gives you more sidewall clearance with big tires, and will also shed rim mud.



Winner of five Grundig World Cup races in 1992, Pro-Elite wheels are the lightest race-proven wheels in the world. With Vantage Pro W.C.S. rims, 28 hole Shimano Ultegra front hub, 32 hole XT rear hub, Logic stainless steel spokes and alloy nipples, you can shed nearly a pound of



# W.C.S.

WORLD CHAMPIONSHIP SERIES

## WHEELS



rotating weight from your bike. Pro-Elite wheels are fitted with WCS tires and Ritchey's new WCS rim tape for ultimate control and dependability. Handbuilt in limited quantities, these wheels were previously available only to Ritchey team members and selected pros.



## LOGIC SPOKES

Ritchey Logic spokes are manufactured for Ritchey by DT of Switzerland. Proprietary forging and innovative design yield one of the most significant refinements in spoke technology since double butting. Logic spokes with condensed butting are 70 grams lighter per set (mtb) and 100 grams lighter (road) than conventional butted spokes.

- Available in road and mtb lengths.
- 1.8/ 1.5/ D.B. or 2.0/ 1.7/ D.B. gauges
- Alloy or brass nipples



## LIGHTNING ROD™ TITANIUM Q. R. SKEWERS

Lightning Rod titanium quick-release skewers weigh just 78 grams a pair and are made of the finest 7075 and titanium alloys available. Lightning Rod skewers require no twisting or turning to fasten your wheels quickly and securely. Also available with stainless axles (110 grams pr.).



## LOGIC PRO WCS SADDLE

Not just another trendy cutaway. Handcrafted in Italy from the finest materials, the Logic Pro WCS saddle has shortened titanium rails, is designed sensibly and doesn't compromise comfort just to save weight. Like all Ritchey products, it's race-proven in international competition by the championship-winning Ritchey Race Team.

- 215 grams
- Racing profile, garment quality leather
- Medium-density padding
- Titanium rails
- Black or pearl white



## WCS SEATPOST

The latest version of Ritchey's elegant force directional design has refined directional triple butting to shave even more weight. The forged clamp and cradle hold the seat securely. Hard anodized finish helps prevent scratching.

- 240 grams.
- 300 and 330mm lengths
- 26.4 thru 27.2 diameters.

## LIGHTNING ROD™ SEAT Q.R.



An extra-long 7075 lever and stainless axle gives you the leverage needed for easy seat adjustment. 40 grams.





## LOGIC PRESTIGE PRO TUBESETS

Winner of more Grundig World Cup races in 1992 than any other material!

Designed by Ritchey and manufactured by Tange, Logic tubing is used in the construction of the lightest steel frames in the world. Weighing only 3.8 lbs. (19"), Logic tubes are designed to withstand the concentrated heat of TIG welding and the rigors of off-road use. With two world championships, eight world cup wins and numerous national championships, Logic tubing has proven to be the most successful frame material on the pro circuit.

## LOGIC PRO WCS BOTTOM BRACKET

The Logic Pro WCS bottom bracket is one of the lightest and most dependable designs available. The unique wider bearing positions stiffen the lightweight hollow axle. Additional weight is saved by using titanium fixing bolts and a 7075 alloy locking. 250 grams complete.

- Sealed cro-mo cups, precision-ground bearings
- Hollow, nickle-chromium spindle.
- English 1.37x24 tpi
- 68x120, 123 and 124.5mm spindles



## WCS HEADSET

A new space age 7075 hybrid material that is three times harder than standard 7075 keeps the weight of this needle bearing headset to a mere 69 grams. The unique 4 flat cone and locknut give greater surface area contact with spanners. No special tools are required.

O.S. available in 1993.





# W.C.S.

WORLD CHAMPIONSHIP SERIES



## TOM RITCHEY... THE SPOCK BEHIND RITCHEY LOGIC

Tom's idea behind Logic is to provide strength where you need it and trim fat. By creating superior designs, utilizing hi-tech materials and state of the art production techniques, Tom has been able to achieve his goal of making ultralight components with dependability for anything from international competition to a weekend ride.

Tom designs his components and tires from the saddle, not the drawing board. These innovative designs date back to the first bikes he made while road racing as a junior. His racing success earned him the nickname of "The Senior Slayer," qualifying him for the junior world championship team and the U.S. National Team. These racing experiences allowed him to start testing his designs in international competition while still in high school.

Tom still rides his bike seven days a week to test his latest designs. Working closely with

World Champion Ruthie Matthes, world cup sensation Thomas Frischknecht, and factory teams from Look-Peugeot, Scott, Cannondale and Bridgestone for feedback on product development, Tom has the best product testers in the world at his disposal. His obsession to design better bicycles and components is never ending; Tom wants his bike, the bikes his team rides, and the bikes you ride, to perform better than anything else available.



The Logic approach has resulted in two world championships, 14 medals in world championship competition and numerous victories on the Grundig World Cup, Super Prestige Cyclo-Cross, U.S. national and world amateur road racing circuits.

Now this performance is available for your next race or weekend ride.

Ritchey Logic components, tires and tubing. Light...Years Ahead.

## WHERE TO FIND RITCHEY WCS COMPONENTS

**WORLD HEADQUARTERS**  
RITCHEY DESIGN  
1326 Hancock Street  
Redwood City, CA 94061  
Tel: (415) 368-4018  
Fax: (415) 368-0840

**RETAIL CONSUMERS**  
Quality Ritchey WCS  
Components can be found as  
upgrade and replacement parts in  
performance oriented bicycle  
shops worldwide.

**BICYCLE DEALERS**  
If you would like to place an order for  
Ritchey WCS components, contact your  
usual bicycle parts distributors. If you are  
unable to locate a Ritchey Distributor,  
contact a regional Ritchey office.

**RITCHEY EUROPE**  
Via Spluga 76  
Nuova Olonio  
23020 Dubino, SO ITALY  
Tel: 39-342-68-7391  
Fax: 39-342-68-7460