
ULTIMATE MACHINE
ULTIMATE MACHINE CO.
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Phoenix, AZ 85027





Welcome To Ultimate Machine Co.

At Ultimate Machine we take great pride in desig ing and producing lightweight, high performanc bicycle components. We make no compromises when it comes to offering the best titanium parts available in the world today.

We have more than 40 years of machining experience to guide our R&D Department, and top NORBA racers test the results. Each and every component is produced on site in the United States, to rigid quality control standards.

Ultimate Machine parts are generally offered in s unique colors: silver, black, aqua, red, purple, an green (and gold coming soon). And the larger parts come with our spaceman logo laser etched on the side. Because we know that looking cool is just one small step below riding fast.

Our business is our passion. If you don't see wha you need, just ask, because as manufacturers, w can react quickly to new technology and trends. Thank you for choosing Ultimate Machine Company parts. We know you will notice a difference the very first time you ride. And so will your competition.

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CREDITS
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Design: Barry Lindheim Printing: Continental Litho





The Ultimate Cranks are precision CNC machined out of Billet 7075-T6 aluminum. A super low profile allows utilization of a shorter bottom bracket spindle, resulting in superior stiffness. And with one piece construction, there is no spider run out, spider cracking or flex. At only 460 grams, you are getting it all with Ultimate Machine. Available in Hyperdrive-C and standard Shimano bolt pattern. 6 anodized colors available.

ULTIMATE CRANK SETS

CRANKS are precision CNC machined from billet 7075-T6 aluminum. They feature one piece construction which is super stiff with no spider run out.

ULTIMATE ATB CRANK SET Available in 175 mm length and Hyperdrive C & standard Shimano bolt patterns. All 6 anodized colors **$255.00**

ULTIMATE ROAD CRANK SET Available in 172.5 mm length and standard Shimano bolt pattern. Black & Silver anodized only **$280.00**

CHAIN RINGS

39 tooth aluminum chain ring, Micro-Drive & Hyperdrive C **$30.00/ea**

36 tooth aluminum chain ring, Micro-Drive & Hyperdrive C **$34.00/ea**

32 tooth aluminum chain ring, Micro-Drive & Hyperdrive C **$36.00/ea**

CHAIN RING BOLTS

10 piece Aluminum Outer Weights: Ultimate 10 gm set / stock 26 gm set **$20.00/set**

15 piece Aluminum Outer Weights: Ultimate 16 gm set / stock 38 gm set **$30.00/set**

5 piece titanium inner: 14 or 17 mm length Weights: Ultimate 10 gm set / stock 30 gm set **$21.00/set**

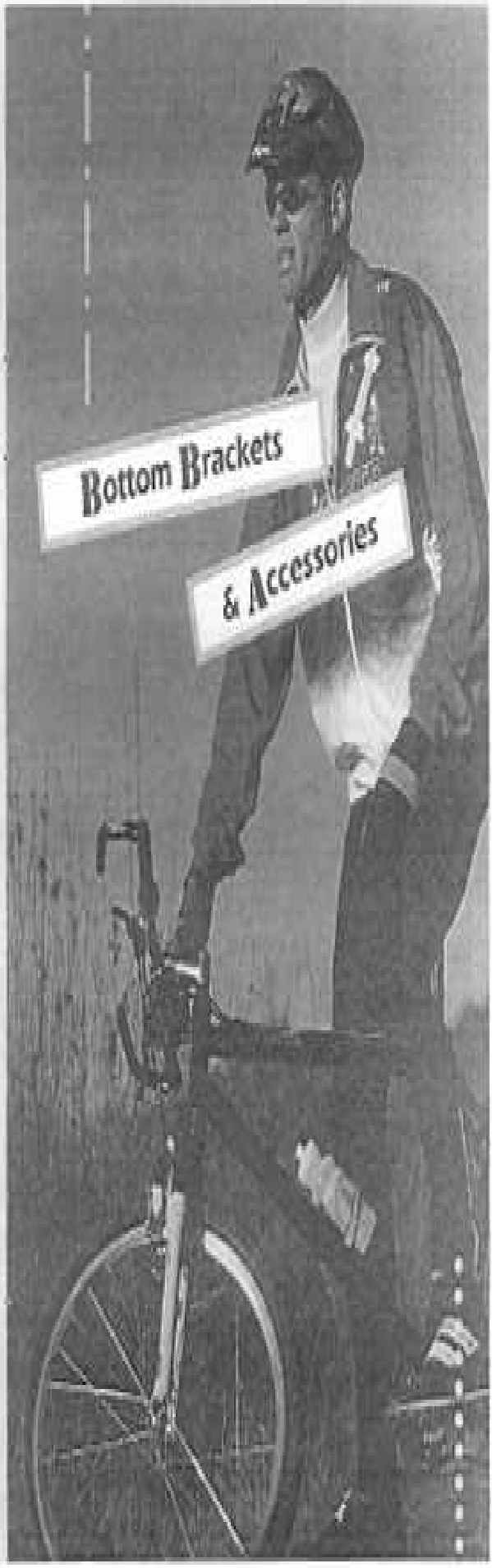
10 piece Titanium Outer Weights: Ultimate 16 gm set / stock 26 gm set **$30.00/set**

Chain Ring Bolt Kit: 15 pieces total (5 titanium outer bolts, 5 titanium inner bolts, 5 7075-T6 Aluminum nuts) **$49.00/kit**

TITANIUM PEDAL SPINDLES

Replacement 6Al-4V titanium spindles for Onza H.O. pedals- Weights: Ultimate 72 gm pair / stock titanium 76 gm pair ..... **$70.00 pr**

Replacement 6Al-4V titanium spindles for Look ATB and Road pedals-Weights: Ultimate 64 gm pair / stock 130 gm pair ..... **$115.00 pr**



Ultimate Machine manufacturers the best bottom brackets on the market. The spindles are machined out of Billet 6Al-4V aerospace titanium, resulting in paramount strength and stiffness.

Tested and approved by ATB and road pros, they are available in 68, 70 and 73 standard shell widths, English and Italian threads, and numerous sizes of titanium spindles. Cups, lock rings, and crank bolts are available in all six Ultimate colors.



ULTIMATE BOTTOM BRACKETS

BOTTOM BRACKETS are symmetrical with adjustable chain line & feature Sealed Cartridge Bearings, 6Al-4V titanium spindles, 7075-T6 Aluminum Cups, Locking & Crank Bolts, & stainless steel Drive Side Lockring for clearance for the Micro Drive chain rings. All 6 anodized colors available.

ULTIMATE SLP 103, 107, 111, 113 mm spindle widths, 68 & 73 mm b/b shells-Weights: Ultimate 158 gm / stock 255 gm (107mm) **$130.00/ea**

ULTIMATE ATB 113, 117, 119 ,122.5, 125, 127.5 mm spindle widths, 68 & 73 mm b/b shells-Weights: Ultimate 166 gm / stock 275 gm (122.5mm) **$130.00/ea**

ULTIMATE ROAD 112.5, 119 mm spindle widths w/ English or Italian threads-Weights: Ultimate 162 gm / stock 260 gm (112.5mm) **$130.00/ea**

ULTIMATE DURAACE / SLP 103 mm spindle width, 68 & 73 mm b/b shells-Weights: Ultimate 146 gm / stock 250 gm (107mm) **$130.00/ea**

ULTIMATE CRANK BOLTS

Machined from either 7075-T6 aluminum or 6Al-4V titanium with pre drilled 8mm X 1.0 threads, built-in washer, 14 mm hex & 17 mm length

ALUMINUM-Weights: Ultimate 10 gm pair / stock 34 gm pair **$15.00/pr**

TITANIUM-Weights: Ultimate 16 gm pair / stock 34 gm pair **$20.00/pr**

REPLACEMENT PARTS & OPTIONS:

BOTTOM BRACKET CUPS & LOCK RINGS **$80.00/pr**

LOCK RINGS ONLY **$9.00/pr**

STANDARD BEARINGS **$18.00/pr**

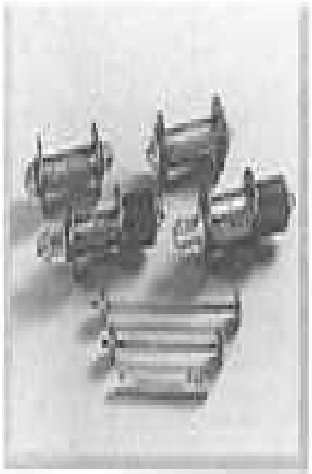
LOW DRAG RACE BEARINGS **$30.00/pr**

DUAL BEARING DRIVE SIDE ONLY, ANY SIZE B/B ..... **$30.00 ea(1)**

TITANIUM SPINDLE **$65.00/ea**

TITANIUM LOCK RINGS **$40.00/pr**





Ultimate machine hubs are machined from the finest quality U.S. certified titanium and aluminum available.

The Ultimate standard front hub weighs in at a mere 88 grams with oversized spokes. The Ultimate rear hub uses a one-piece titanium free hub fixing bolt for easy maintenance. Available in 130 & 135mm spacing for Shimano 7 or 8 sp cassette.

The Ultimate Suspension Hub has a monstrous 17mm 7075-T6 aluminum axle with oversized bearings, delivering uncompromising control over the roughest obstacles, yet weighs in at only 130 grams.

ULTIMATE HUBS

HUBS are manufactured with 7075-T6 aluminum flanges, 3Al-2.5V titanium body and 6Al-4V titanium axle. All suspension hubs use a huge 17mm 7075-T6 aluminum axle and sealed cartridge bearings. Hub flanges are available in all 6 anodized colors.

ULTIMATE FRONT SUSPENSION HUB
17mm 7075-T6 aluminum axle with oversized bearings, 32 hole-
Weights: Ultimate 130 gm ..... **$120.00/ea.**

ULTIMATE REAR SUSPENSION HUB
Huge 17mm 7075-T6 aluminum axle with oversized bearings, extra large flanges, 32, 36 or 40 hole-
Weights: Ultimate 312 gm ..... **$230.00/ea.**

ULTIMATE FRONT & REAR SUSPENSION HUB SET **$345.00/set**

ULTIMATE ROAD / ATB FRONT HUB Special axle allows for bearing adjustment **$120.00/ea**

ULTIMATE ROAD / ATB REAR HUB Special axle with 130 & 135 mm axle spacing. Shimano 7 or 8sp cassette. Easy maintenance with one piece titanium free hub fixing bolt-
Weights: Ultimate 290 gm **$220.00/ea**

ULTIMATE HUBS, Continued

ULTIMATE ROAD / ATB FRONT & REAR HUB SET ..... **$$$**

ULTIMATE TIME TRIAL FRONT HUB with narrow flanges-
Weights: Ultimate 80 gm ..... **$$$**

AXLES

All **AXLES** are made from 6Al-4V titanium to fit Shimano, DuraAce, Micro-Drive, Phillips & Campagnolo hubs as well as Specialized, Aero Spoke, Tri Spoke, Zipp & Mavic composite wheels. **$41**

SKEWERS

Ultimate **SKEWERS** are ultralight and theft resistant (with our proprietary tool) in all 6 anodized colors-Weights: Ultimate 42 gm skewers **$49**

FREE HUB PARTS

Aluminum Hyperglide Lock Ring, for 11 tooth-Weights: Ultimate 6 gm / stock 12 gm **$16**

Aluminum Hyperglide Lock Ring, for 12 tooth & up-Weights: Ultimate 6 gm / stock 12 gm **$16**

Titanium Hyperglide Lock Ring, for 11 tooth-Weights: Ultimate 8 gm / stock 12 gm **$21**

Titanium Hyperglide Lock Ring, for 12 tooth & up-Weights: Ultimate 8 gm / stock 12 gm **$21**

Titanium free hub fixing bolt-Weights: Ultimate 8 gm / stock 16 gm **$21**

COGS

Ultimate **COGS** convert Shimano XT 7spd to 8spd, XTR replaces Lock Ring

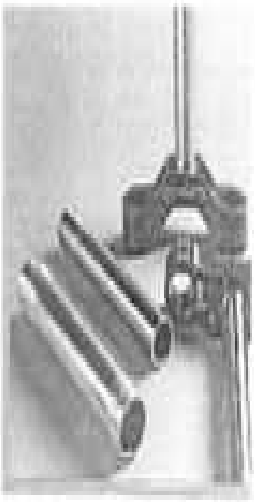
11 tooth stainless cog-Weights: Ultimate 28 gm **$23**

11 tooth titanium cog-Weights: Ultimate 20 gm **$32**

11 tooth titanium cog, slip on 8spd-Weights: Ultimate 4 gm **$60**

Cog Spacers in all 6 anodized colors, 3mm only ..... **$3.**





Ultimate Fork Crowns are the piece your ride is missing. The Ultimate Crown is lightweight with unbelievable stiffness and only 174 grams. Precision machined out of Billet 7075-T6 aluminum with added high speed cooling fins. Available for Rock Shox, Manitou and Marzocchi. Six anodized colors available. Our super stiff Steerer tubes are machined out of Billet 6Al-4V titanium and double butted through the crown area. Lighter than aluminum and stronger than steel, they are available for all sion forks, including suspensio adapters for Kleins oversized hi (machined out of Billet 7075-T minum). Only from Ultimate M

THE ULTIMATE FORK CROWN

FORK CROWNS are precision machined from billet 7075-T6 aluminum and weigh only 174 grams. We use our own 6Al-4V titanium steerer tube for superior stiffness and light weight. 6Al-4V titanium hardware and available in all 6 anodized colors.

For Rock Shox, Manitou & Marzocchi, threaded Or A-Head set ..... $2(
For Rock Shox Judy, threaded Or A-head set $2
Crown only with titanium hardware $1
Crown only for the Rock Shox Judy (over 5mm extra stanchion overlap $1
A-Head set cap. Laser engraved with the Ultimate Spaceman logo ..... $9.

STEERER TUBES

All Ultimate **STEERER TUBES** are precision manufactured from billet 6Al-4V titanium

For Rock Shox, threaded or A-Head set. Any length to 200 mm ..... $1(
For Manitou, threaded or A-head set. Any length to 200 mm ..... $1(
For Marzocchi, threaded or A-head set. Any length to 200 mm ..... $1(
Most other suspension forks. If the steerer tube can be pressed out we can replace it with a 6Al-4V titanium sleeve ..... $1(
For steerer tubes greater than 200 mm in length ..... $2(

KLEIN SUSPENSION FORK ADAPTERS

Fork adapter to fit Klein Attitude / Adroit. Requires 1-1/4" crown. Specify fork type 18, 19 or 20" frame size ..... $(
For 22" frame size $1

ULTIMATE FORK CROWN, Continued

CANNONDALE SUPER V & F SERIES ADAPTORS

Adapts conventional suspension fork to Cannondale Super V & F series frames. Available for 1", 1-1/8, 1-1/4 steerer tubes $45.00/set

TITANIUM BOLT KITS

Girvin Vecnor fork bolt kit, 12 pieces total (11 6Al-4V titanium bolts, 1 Aluminum A-Head adjusting bolt)–Weights: Ultimate 38 gm / stock 55 gm $52.00/kit

Judy fork bolt kit, 9 pieces total (4 crown bolts, 2 brace bolts, 2 brake studs, 1 fork leg bolt)–Weights: Ultimate 38 gm / stock 55 gm $70.00/kit

MAG 21 titanium bolt kit 10 pieces total (4 crown bolts, 2 brace bolts, 2 brake studs, 2 Aluminum brake bolts)–Weights: Ultimate 30 gm / stock 42 gm $70.00/kit

Manitou titanium bolt kit 10 pieces total (4 crown bolts, 4 brace bolts, 2 brake studs), specify 1, 2, 3 or 4–Weights: Ultimate 32 gm / stock 48 gm $70.00/kit

HEADSET REDUCERS & SPACERS

Headset reducer, 1-1/4" TO 1-1/8", 1-1/4" TO 1" or 1-1/8" TO 1" $20.00/pr

Headset spacers, all 6 anodized colors, 5mm only, 1", 1-1/8, 1-1/4 ..... $3.00/ea

NUTS & BOLTS

COMPETITION FRONT AXLE STABILIZER NUTS

Virtually eliminate fork flex–Weights: Ultimate 12 gm pair $23.00/pr

SOCKET HEAD CAP SCREWS

Ultimate SOCKET HEAD CAP SCREWS are precision machined from 6Al-4V titanium for incredible strength and lightweight

Socket Head Cap Screw, 6mm x 1.0 with 15, 20 or 25mm length $4.75/ea

Socket Head Cap Screw, 6mm x 1.0 with 30mm length $6.25/ea

Socket Head Cap Screw, 6mm x 1.0 with 35 or 40mm length $6.75/ea

Socket Head Cap Screw, 6mm x 1.0 with 45mm length $7.00/ea

Socket Head Cap Screw, 5mm x 0.8 with 8mm length $4.75/ea

Socket Head Cap Screw, 5mm x 0.8 with 10mm length $4.75/ea

Socket Head Cap Screw, 5mm x 0.8 with 15mm length $4.75/ea

Socket Head Cap Screw, 5mm x 0.8 with 20mm length $4.75/ea

WATER BOTTLE BOLTS

Aluminum Water Bottle Bolts, 7075-T6 aluminum–
Weights: Ultimate 3 gm pair / stock 9 gm pair $6.00/pr

Titanium Water Bottle Bolts, 6Al-4V titanium–
Weights: Ultimate 4 gm pair / stock 9 gm pair $7.00/pr





The Ultimate in seat posts. Head & clamp are machined out of Billet 7075-T6 aluminum. 6 anodized colors available. The seat post shaft is 3Al-2.5 titanium. All seat post hardware is machined out of Billet 6Al-4V titanium. Ultimate Machine also manufactures seat post reducers, to reduces any oversize seat tube to 27.2. Ultimate Machine also produces seat binder clamps.

TITANIUM SEATPOST

SEATPOSTS have heads machined from billet 7075-T6 aluminum, pinned & bonded into 3Al-2.5V titanium posts. All hardware is titanium. Available in all 6 anodized colors.

STANDARD SEATPOST Sizes 26.8, 27.0 & 27.2mm
Weights: Ultimate 205 gm (27.2mm & 330 mm length) **$139.00/ea**

FORWARD MOUNT SEATPOST Sizes 26.8, 27.0 & 27.2mm
Weights: Ultimate 205 gm (27.2mm & 330 mm length) **$154.00/ea**

SEATPOST REDUCERS reduce any oversize to 27.2 ..... **$35.00/ea**

SEAT BINDER CLAMP Available in 1-1/8, 1.150, 1-1/4, 1-3/8, 1-7/16 & 1-1/2 & all 6 anodized colors **$25.00/ea**

TITANIUM STEMS

Ultimate **STEMS** are welded from 3Al-2.5V & 6Al-4V titanium for superior strength and stiffness. All stems are custom built.

Ultimate **A-HEAD SET STEM** Hidden side clamp design
Weights: Ultimate 106 gm **$269.00**

Ultimate **OFF ROAD STEM** 6Al-4V titanium quill for increased strength **$310.00**

Ultimate **ROAD STEM** Looks up next sheet **$310.00**

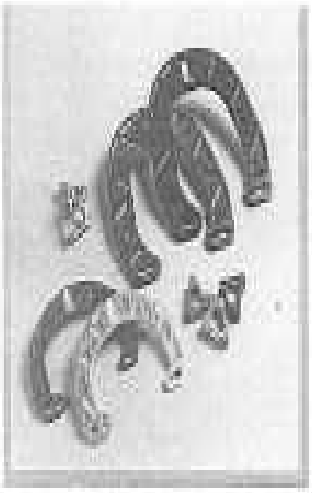
STEM BOLTS

Stem expander bolt, 6Al-4V titanium 8mm x 1.25 with 120, 130 or 140mm length-Weights: Ultimate 16 gm / each 34 ..... **$24.00/ea**

Custom stem bolts any length ..... **Please Call**



Ultimate Machine manufactures a wide range of brake and derailleur accessories, all precision CNC machined from aerospace titanium or aluminum. Our cable hangers are a totally trick way to hang your straddle wire. Brake boosters are super stiff and lightweight & feature the Ultimate spaceman logo.



ULTIMATE BRAKE & DERAILEUR

ULTIMATE CABLE HANGERS

7075-T6 aluminum in all 6 anodized colors-
Weights: Ultimate 4 gm / stock 7 gm. ..... **$20.00/ pr**

ULTIMATE BRAKE BOOSTER

Ultimate **BRAKE BOOSTERS**, machined out of billet 7075-T6 aluminum & available in all 6 anodized colors.

To fit all standard cable brakes-Weights: Ultimate 54 gm. ..... **$30.00 /ea**

To fit Magura hydraulic brakes-Weights: Ultimate 20 gm. ..... **$25.00 /ea**

Brake booster hardware, 6Al-4V titanium **$10.00/kit**

BRAKE PARTS

TITANIUM BRAKE PIVOT STUDS to fit: Cannondale, Klein, Merlin, Trek. Weights: Ultimate 13 gm pair / stock 22 gm pair **$34.00/pr**

JUDY BRAKE PIVOT STUDS **$42.00/pr**

TITANIUM / ALUMINUM BRAKE KIT 8 pieces total (4 6Al-4V titanium brake pad holder bolts, 4 7075-T6 Aluminum brake bolts)-
Weights: Ultimate 30 gm / stock 44 gm **$72.00/kit**

ALUMINUM BRAKE KIT for Shimano or Cla-Campo, 7075-T6 aluminum, 8 pieces total (4 brake pad holders, 4 brake bolts)-
Weights: Ultimate 22 gm / stock 44 gm. **$46.00/kit**

SHIFT LEVER / BRAKE KIT 14 pieces total, replaces all hardware on Rapid-Fire Plus levers and all hardware on brake arches, 6Al-4V titanium and 7075-T6 Aluminum-
Weights: Ultimate 44 gm / stock 76 gm. **$123.00/kit**

BRAKE BOSS BOLTS All 6 anodized colors **$9.00/pr**

ALUMINUM BRAKE EYE BOLTS All 6 anodized colors **$15.00/pr**

TITANIUM BRAKE EYE BOLTS **$28.00/pr**

BRAKE & DERAILEUR ACCESSORIES, Continued

DURA-ACE BRAKE PAD HOLDER BOLT KIT 4 pieces-
Weights: Ultimate 12 gm / stock 16 gm $2

6Al-4V TITANIUM BRAKE NUTS, Regular length & long (for Kevlar composite forks)-Weights: Ultimate 5 gm / stock 10 gm. $2

ALUMINUM DERAILEUR HANGER BOLTS

SHIMANO, All Models & '94 XT-Weights: Ultimate 6 gm / stock 18 gm $9

SUNTOUR, Specify model-Weights: Ultimate 6 gm / stock 18 gm $9

CAMPAGNOLO C RECORD-Weights: Ultimate 6 gm / stock 18 gm. $1

SACHS NEW SUCCESS-Weights: Ultimate 6 gm / stock 20 gm $9

GRIP SHIFT-Weights: Ultimate 6 gm $9

SUNTOUR titanium-Weights: Ultimate 7 gm / stock 18 gm $1

DERAILEUR PULLEY BOLTS

SHIMANO PULLEY BOLTS, 6Al-4V titanium, Specify model.
Weights: Ultimate 3 gm pair / stock 5 gm pair $1

ALUMINUM BOLT KITS

XTR/ULTEGRA DERAILLEUR KIT, 4 pieces total (2 7075-T6 Aluminum hanger bolts, 2 6Al-4V titanium pulley bolts)-Weights: Ultimate 14 gm / stock 34 gm ... $2

CLOTHING & ACCESSORIES

T-SHIRTS With The Ever Popular NEED WE SAY MORE... Graphics. Long and Short Sleeve Available. GET COOL WITH THE ULTIMATE TANK TOP AHHHH

SHORT SLEEVE $1

LONG SLEEVE $1

TANK TOP $1

SWEAT SHIRTS Great For The Cooler Days. Stay Warm The ULTIMATE Way! All Sweat Shirts Have Hoods and Pockets. $3

ULTIMATE BIKE JERSEY With our own radical TEAM graphics. Available in SM, MED, LG & XL. $5

ULTIMATE WIND BREAKER Again with our TEAM graphics. Available in SM, MED, LG & XL. $7

CAMELBACKS Drink in style with the ULTIMATE MACHINE CO. Camelback. Half or Full Available. $3

DECALS The ULTIMATE Logo to Put Anywhere! $1

GENERAL POLICIES & WARRANTY

Ultimate Machine Co. Business Hours:
7:00 a.m. to 5:00 p.m. (West Coast Time) Monday through Friday. We also have voicemail & fax for messages & easy access ordering.

Shipping Policy:
We process and ship orders the same day or the next day for items in stock. Orders are shipped via UPS and are charged to your VISA/MC account or are C.O.D. unless otherwise previously arranged. UPS next day air (Red Label), UPS 2nd day air (Blue Label), and 3 day select are available upon request.

Backorders:
We hold and fill backorders. If a backorder is past 15 days we will call to confirm that the items ordered are still needed and/or if additional items are needed.

Invoicing / Terms:
VISA/MASTERCARD or C.O.D. accepted. The original invoice is included with your order. Shipping charges include freight and handling, plus appropriate UPS C.O.D. charge, if applicable.

Prices are subject to change without notice.

WARRANTY:
Your ULTIMATE MACHINE components are unquestionably warranted to be free of defects in material and workmanship for one year. In the event of a defect under this warranty, we will, at our option, repair or replace the product, provided that you return the product, postage prepaid, to ULTIMATE MACHINE CO. 421 S. MONTEZUMA, PRESCOTT, ARIZONA, 86303, together with a check of $10.00 to cover handling. Please include your name, address and an explanation of the defect. This warranty does not cover defects caused by accidents, crashing, misuse or improper handling, installation or maintenance of the product. This warranty gives you specific rights and you may have other rights which vary from state to state.

ULTIMATE MACHINE CO. 421 S. MONTEZUMA PRESCOTT AZ. 86303

