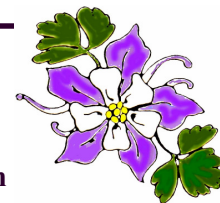


Frame Prices



The following categories represent common points along the Custom Continuum that have been selected out for the purpose of listing the typical properties of the design and base price. You can order anything along the Custom Continuum even if you do not see that listed here, including mixed geometry and custom brazed on parts.

ROAD FRAMES: Always built with the worlds finest tubing, 100% Silver brazed, with custom swirl cut investment cast lugs and polished Stainless Steel dropouts, and a gold accented Columbine Flower cut into the top of the downtube lug, as well as the metalwork masterpiece of the integrated fastback seatstay clamp . Unique Columbine fabricated brazed on fittings done in polished brass include: internal rear brake cable ferrules on the top tube, pump peg, adjustable downtube shift cable stops, and chainstay cable stop, also stainless polished bottom bracket cable guides, and Columbine's patented polished Stainless Steel "Quickchainger" chain catcher and manager. Other standard brazed on fittings include two sets of water bottle mounts, and optional downtube shift bosses.

Finish details include a choice of over 35 colors of Dupont Imron paint over Dupont Corlar Epoxy primer, and richly detailed gold accented decals with the famous Columbine wildflowers and vines. **Base..\$5000.00**

CROSS/HYBRID FRAMES: These frames are really occupying the long space between Road and Mountain, and the starting and ending points are fuzzy. They can be made with the lightest standard diameter Road tubing sometimes, or heavier larger diameter MTB tubing. Generally, they have sloped up top tubes for economy of strength and standover clearance, 700C wheels, and can have several different fork styles to meet your needs.

This is a wonderful class of "do everything" bike, and they really do all but the most extreme Mountain descents very well. They can be made for two sets of wheels, such that a Road racing set with 25C tires renders the bike a nimble quick speed bike that can be lighter than many racing bikes, or they can use knobby 47C tires for most off road work up to serious 700C mountain biking if built toward the heavy duty side of the spectrum. Built with lugs and 100% Silver brazed, these frames explore the amazing lower rolling resistance and natural spring suspension qualities of the larger wheels/longer spokes and longer fork, especially using the short butted DT Revolution 14/17 gauge spokes. I call these the "Friend for life Bike", and for obvious reasons, they make the best touring bikes. Lighter models can be built for long reach side pull brakes for less cost, but standard price is with cantilever/vee brake mounts. Fastback seatstay clamp and many brazed on parts shared with the Road frames where appropriate.

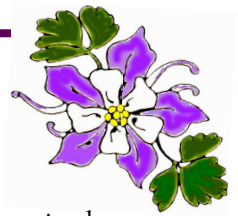
Parts, some tubes, and castings are not yet made to deal with the geometry issues in this class of frames, so there is quite a bit more labor in them due to the ticklish part fit up caused by difficult angles created by bent chainstays and seatstays and long forks, hence the difference in price from the Road frames. **Base Price.....\$5200.00**

MOUNTAIN FRAMES: were of course invented by Rich here at Columbine! A bold statement for sure, but if you look at the "modern" geometry of the MTB, you will see the geometry that Rich pioneered in the mid 80's when other major players had 68 degree head angles and 17" plus chainstay lengths. Columbine Mountain frames have the shortest chainstays in the industry, head angles from 71-72 degrees, polished Stainless Steel dropouts, investment cast lugs, fully 100% silver brazed for the ultimate strength, with options on steering column type, or without the fork for suspension fork substitutions of your own choice. Also, in the mid 80's I began to wonder why MTB's had to be locked into the 26" wheel, when a bigger wheel made a lot more sense for getting over rocky ground, and with the longer fork and spokes, it had much more natural suspension. I built my first 700C heavy duty Hybrid/MTB frame in '89, and found it much more suitable for the kind of off road riding that I do. So ask about the big wheel Mountain frames. More tire possibilities become available regularly as other manufacturers explore this great Mountain wheel. If you are not going to need a 6" suspension travel downhill bike, big wheels might be just what you're interested in, and when naturally suspended, bikes stay light, simple and non-redundant as they were meant to be. Includes an elegant braze on package (see above), fastback stays, swirl cut head lugs, Quickchainger, cantilever mounts, and 35 colors to choose from. With a matched fork from Columbine **Base Price.....\$5200.00**

Frame only for suspension substitutions by customer **Base Price.....\$4600.00**

SMALLER RIDERS: Please ask about the super possibilities with the 650 wheels (metric 26") for fast road bikes. With them, we can achieve an excellent frame geometry and handling matching the 700C models, and with the new superlight spokes, you can recoup the comfortable nature and rolling ease associated with the larger wheels. A bike made with 650 wheels requires more planning and forethought because of the potential for a bad match of wheels and components with the frame, but with a little perseverance, it is a worthwhile project. Prices are the same.

Typical Options and Prices



LUGWORK OPTIONS:

Polished Stainless Steel Lugs and Crown in traditional "Custom" cutting, with Columbine Flower cutout in the downtube lug, and swirl cuts on the sides of the head lugs.....\$1250.00
 (There is a variable continuum here also, any amount of filigree is available between "Custom" and "Ultra")
 "Ultra" lugwork in polished Stainless Steel, includes filigree work on main lugs and Crown, see photographs.
 Starting price for extensive filigree work on lugs.....\$2500.00

WEB-STYLE CHAINSTAY BRIDGE: Structurally speaking, the custom "Web" type chainstay bridge is quite an elegant bit of ticklish metalwork that greatly enhances hill climbing stiffness/weight, thus enabling use of generally one gauge lighter chainstays for the same stiffness feel. Fabricated singly, as chainstays taper and oval in a myriad of ways in that zone, for.....\$140.00

HEAD TUBE ART WORK, AND MISCELLANEOUS ART WORK ON FRAMES:

Usually for this price you can have a nice double flower in deep relief, with stamens, vines, and leaves done in four different color metals (main flower petals are gold filled*) and high polish. Entirely hand-cut.....\$350.00

"COLUMBINE • USA" Headtube Ribbons for a classic look. "Gold-filled" * material provides an economical Alternative surface to the expense of solid 14 carat gold and has about 50 times more gold than plating.....\$150.00

"COLUMBINE • USA" Headtube Ribbons in solid 14K gold.....\$250.00

High-quality white diamond (1.5-2 mm) in the flower stamens (14K gold setting).....\$250.00

"Hugh" Hummingbird can be added to the flower arrangement in various compliments, with Silver (White metal) relief bird outlines, and contrasting enamel paints inside the outlines, and highly polished, (see photos). Entirely hand-cut, starting at.....\$250.00

"Ho" Hummingbird with Silver relief outlines, and Abalone Shell inlay: stunning color and polish, and an irresistible eye catching appeal.....\$450.00

Beautiful Dark Red Ruby for "Ho" to see with, add.....\$120.00

There is no limit to the custom artwork that can be added to special theme bikes, so please call or fax approximations of your wildest dreams in this extensive area that can be added to any frame even if it doesn't have Stainless Lugwork. July 1995 Bicycle Guide, pp. 48, 58. If you name a price you can afford, I can optimize the art for you.

All artwork must be precision masked with liquid painted on, and then after paint is cured thoroughly, cut out with soft chisel knives (soft to keep from marring the softer metals, and constantly sharpened) to complete the unmasking, and then finally all is again polished to burnish the paint edges, so the art is worked extensively 3-4 times. Sometimes, customers can catch this process in the shop happening, and if I'm not too nervous can stay and watch.

QUILL-TYPE HANDLEBAR STEMS FOR ROAD, HYBRID, AND MOUNTAIN:

Crafted from 300 series Stainless Steel with Gold filled* flower on the handlebar clamp portion, machined Aluminum cone quill expander, with recessed binder bolt. These stems compare for weight with Ti stems, and have more vertical adjustability than others.

The Ultra Stem with Stainless Steel tubing, TIG welded, polished, w/recessed binder bolts, and polished gold flower on the H-bar clamp has the same design as above. Custom extension angles and lengths to 14 cm., and even art.....\$500.00

THREADLESS-TYPE Stems feature a single hidden binder bolt on the quill end and handlebar end, and custom integrated and/or removable spacing for height depending on steering column length, flower as above.

Polished Stainless Ultra Models..... \$500.00

* Sizing on stems is completely custom, and any angle or extension lengths (4.5 cm to 15 cm) is available.

If you have unique size/angle ideas, please sketch them up and mail or fax them to us.

* Filled Gold is a term used to indicate an art metal that has brass as the base metal, with a layer of Gold laser etched onto the surface for about 50 times more gold than with Gold Plating.



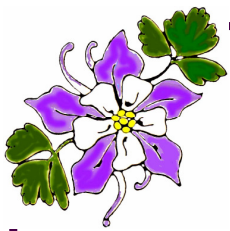
Braze-on Pieces for New Custom/Refurbish/Repaints

*** BRAZE-ON OPTIONS:**

Most braze-ons are included standard with a custom frame, please consult the frame description for the braze-on list for each type of frame. The following can be added to new frames if they're not included, or to repaint/refurbish jobs

- * Many of the braze-on parts below are custom made here at Columbine from Brass or Stainless/Steel. They are made here because they solve problems not addressed by commonly available parts, and are made without mass production machinery, so are a bit more expensive. Brass is used to reduce friction where cable or threaded adjusters may contact, and when polished, masked and clear coated, has a very popular classic appearance. If you don't see a particular type of braze-on mounting idea, ask and we'll try to accommodate that and make it for you.
- * STAINLESS STEEL WATER BOTTLE MOUNTS, Pair (two pair included with new frame)
WITH DIAMOND PLATES under the boss for decoration and strength.....\$45.00
- * POLISHED STAINLESS STEEL FRONT DERAILLEUR MOUNT, customized for strength,
not available currently without customization, hence a bit more time/money.....\$75.00
- * FENDER MOUNT Stainless for chainstay or seatstay bridges, standard 5mm x .8mm thread.....\$25.00
- * FENDER MOUNT Stainless for under Fork Crown recessed slightly for clearance, custom made....\$20.00
- * FENDER MOUNT SS for back of Fork Crown on forks with cantilever brakes, like bottle mount....\$25.00
- * RACK MOUNTS for seatstays, std. 5 mm boss through seatstay like large bottle mount, pair
STAINLESS RACK MOUNTS , polished and masked w/diamond base plates.....pr..\$45.00
- * LOW RIDER RACK MOUNTS for fork, custom made for strength/fit, 5 or 6 mm (specify)
STAINLESS LOW RIDER MTS. as above, polished and masked.....pr..\$55.00
- * CABLE FERRULES in polished brass for INTERNAL cables, up to 6 for three hidden MTB cables,
Columbine custom machined with special funnel shaped hole inside for easy cable threading...ea...\$30.00
- * GENERATOR MOUNT for chainstay type centered on tire, customized for each frame.....\$25.00
- * DROPOUT EYELETS on Stainless dropouts, usually included w/touring frames, for others, pair....\$35.00
- * POLISHED BRASS "divers helmet" style stops for Ergo/STI brake/bar end mount shifting use 5 mm
adjusters, mount about 3" down from down/head tube joint. Allow adjustment even while riding
Best used with cables crossing twice, once in front of head tube, and then below mounts, super
smooth hidden cable routing with minimum friction and no rubbing of paint, custom made pair...\$45.00
- * COMPUTER MOUNTS , or lighting wire entry reinforcements, typically.....ea..\$20.00
- * SPLIT ENTRY CABLE STOP simple stop for brake or shift, steel,ea..\$20.00
- * As above, but in BRASS, polished, masked, unmasked, enameled.....ea..\$35.00
- * PUMP PEG usually for behind the head tube, made of brass, polished and masked, enameled.....\$25.00
- * SHIFT BOSSES for std Down tube shifters as in days of old, option included on new frames,.....pr..\$30.00
- * COLUMBINE'S OWN QUIKCHAINGER patented Chain catching and management wheel
changing aid, change wheels with speed and style, and keep hands clean, polished and masked
Stainless Steel. A must for a classy pro bike, try it.....Included with new frames.....\$25.00

Braze on parts can be made in house for special needs, please ask if you don't see a part that you want.



— Painting Options —

**These options are added to basic paint schemes on new frames or repaints
Many paint jobs are quite complicated and best talked out on the phone for price.**

- * Two tone fade paint, additional color price per color from standard list below.....\$60.00
- * Two tone masked paint job per extra std. color (usually with head tube and seat tube panel).....\$120.00
(inquire about other masking styles and costs)
- * Custom color selection from Imron Chart that is not on the stock (standard) list.....\$50.00
- * Pearl Colors, usually over a black or white base coat, but any solid color can be used for a base color for unusual effects especially with fade jobs and 2 or 3 colors. Dark or black base.....\$170.00
- * Pearl Colors with light or white base colors.....\$240.00
- * Gold Pinstriping around lugwork, with clear Imron over the top including bottom bracket.....\$95.00
- * Pump painted to match frame (when painted at time of frame painting)
New Silca or new style light Zephal frame fitting pumps (others are more, inquire).....\$50.00
- * Fenders are painted, but it's hard to give a standard price because preparations vary, please inquire.

FRAME REFINISH/REPAINT OPTIONS: (For older Columbine frames)

Repaints have the same color offerings as new frames

- * Base price for Repainting (Columbine frames only), includes paint removal, inside cleaning, Dupont Corlar Primer, Imron color coats, and inside corrosion protection renewal, with one color from standard list.....\$450.00
- * Columbine Decals replacement (current type, goes back to mid '80's).....\$20.00
- * Multiple Clear Coats over decals or other art work or for added protection over pearls etc.....\$80.00

STANDARD COLOR OFFERINGS LIST:

METALLIC COLORS: Light Continental Blue, Patriot Blue, Medium Concord Blue, Sovereign Blue, Mariner Blue, Pacific Blue, Medium Aqua, Plum, Burgundy 44456, Dark Maroon 4454, Light Violet, Wine, Regent Red 45731, Red 44402, Light Rose, Persimmon 44466, April Green, Jade Green 14283, Sea Sprite Green, Light Saddle, Slate Gray, Pewter Gray, Indian Silver N8075.

SOLID COLORS: Red 4992, Red 6543, Red 8554, Coral 29605, Blue K9359, Aquatone Blue 58360, Light Green 62703, Green 7666, Solar Yellow 44162, Cream Almond 43938, Oxford White 4296, White 508, Black. The above solid colors will also make good base coats for pearls.

PEARL COLORS: Super fine flecks of color powder added into clear Imron, some have more than one subdominant color resembling a rainbow, but subtle. Best effects over dark or black base, as little light comes from behind to compete. **Green, Red, Blue, Violet, Yellow in stock, can be two tone faded.**

KANDY URETHANES: Kandy paints use a two part system, first a base, usually metallic Silver or Gold or having those metallic flakes and additionally a translucent hue that reflects light through the translucent top coats, and interacts to give a compound color. So, color charts have the base coats arrayed across the top, top coats down the side, and the matrix of the combinations resulting arrayed as a product of each combination on the page. Exceptional Flamboyants with just **Gold or Silver base** and topcoats such as **Cobalt Blue, Kandy Apple Red, Burgundy, Purple in Stock Kandy colors**\$250.00
Please see HouseofKolor.com for colors. Awesome Marble like special effects around lugwork.\$220.00

These paints and the many included additives are exceedingly expensive (and toxic), so I have tried to simplify life and keep off of the EPA superfund list by stocking a minimum of paint. So if you don't see a color there you like, just ask and I probably have it, or can mix up a close match, and will be glad to sell it to you for the standard price or a bit more for the mixing. The standard list is generated from a preponderance of requests for them. Check local Automotive paint dealers to see or buy color charts, or visit the website for DuPont Imron, and House of Kolor.