

2001

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Welcome to our 2001 catalogue. As you can and will see, we take as much pride in ourselves as we do in the frames and forks we craft.

IF is an employee owned and operated company and has been since day one. By sharing ownership amongst the employees, IF has set itself apart from the rest of the industry. From start to finish, your frame is handled with the care and attention to detail that only an owner can give. As owners, each person is highly motivated to do the best job they can and contribute their ideas and beliefs more freely, knowing that it is the sum of their individual contributions that makes IF whole. From the moment your order is placed to long after your first ride, an owner is handling your needs. Every tube that is selected, every weld that is made, even the way we ship our bikes, is a process implemented by an owner. It is a level of customer service and craftsmanship that you can only expect from an employee owned company.



Janie Diane *Steve* *Bimpher* *W* *Tyler* *Ed*
Matt *W* *LLOYD* *Mike J* *Steve* *Michelle*



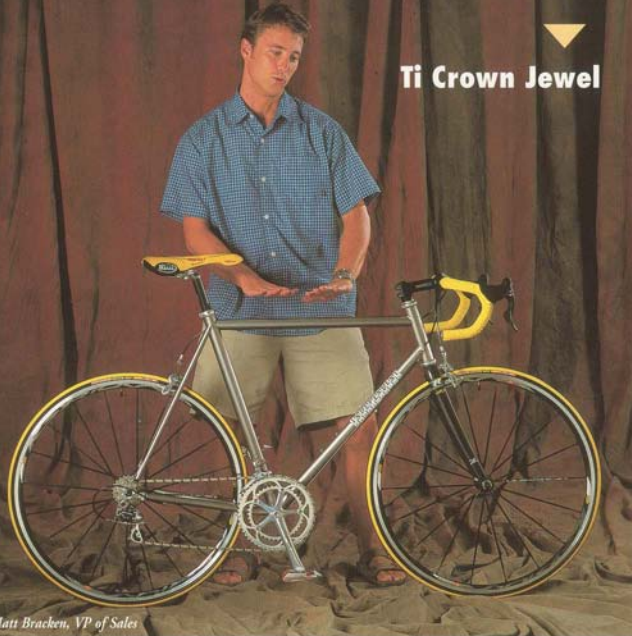


▲ 20 stock sizes or custom sizing at no additional charge

▲ Custom butted 3/2.5 size specific tubing

- ▲ Each frame matched with custom Reynolds Ouzo Pro all carbon fork (1.125" threadless carbon steerer)
- ▲ "S" bend chainstays provide clearance for today's low profile cranks while also providing adequate tire and heel clearance
- ▲ Custom machined 6/4 dropouts are both light and stiff
- ▲ Custom seat tube insert assures a smooth fit with the seatpost and prevents possible seizing
- ▲ Custom seat collar is both light and strong
- ▲ Shot peened finish relieves the stress caused by welding and butting, significantly increasing the life of the frame
- ▲ IF headbadge adorns each frame
- ▲ Panel paint with fork painted to match—available at no extra charge

Matt Bracken, VP of Sales



Ti Crown Jewel

Since the day our first steel road bike rolled out the door, customers and dealers have longed for the day a Titanium road frame would be available from IF. A frame worthy of the Crown Jewel name, but

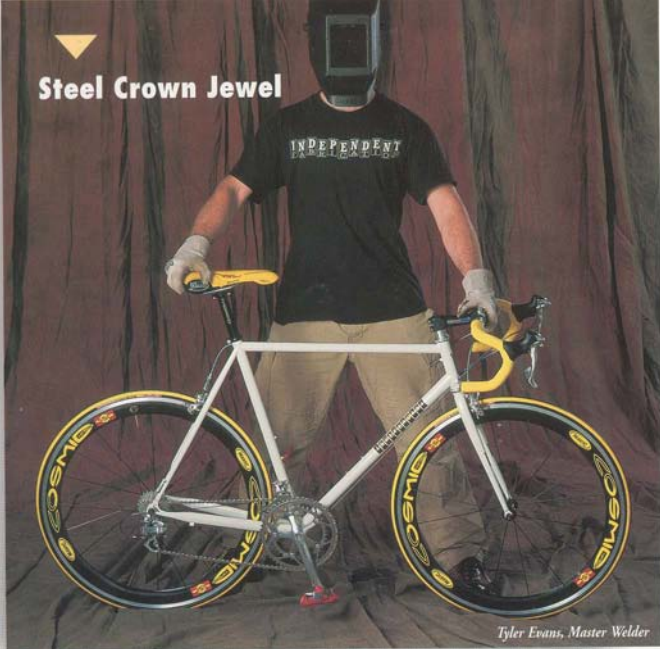
made of custom butted titanium tubing with a matching carbon fork. Well, today is the day. New for 2001, IF is offering our titanium version of the Crown Jewel. A stellar ride combining all the design enhancements of our steel Crown

Jewel with the velvety smooth ride of titanium. Choosing from 20 stock sizes or custom sizes for the same price, customers can finally put together the bike of their dreams. Each frame is made one at a time from a custom selection of

butted tubing specific to the rider's needs. Each frame is matched with a Reynolds All Carbon Ouzo Pro fork (1 1/8" steerer). Unlike other Carbon forks, which offer only one or two offsets, the Reynolds Ouzo Pro is made for IF in four offsets

(including a 50mm offset for smaller frames) designed around the geometry of our frame. This enables us to truly meet the needs of our customers with no limitations on frame design due to available fork selection.

Steel Crown Jewel



Tyler Evans, Master Welder

Steel road bikes: No one can argue their place in history. For generations riders have clocked countless miles on alloys of this legendary material. Our Crown Jewel brings a

bit of that history into the present. Designed as the ideal stage race bike, the Crown Jewel sings on long rolling rides escorting you miles from home and back again. We choose and blend tubes from Reynolds,

Columbus and others matching their diameters, wall thickness and butting profiles with our design requirements to serve the needs of the frame and its rider. Perfectly balanced with our in-house designed

and crafted IF road fork, the resulting ride is a subtle blending of power and grace; power to handle the most brutal climbs and fiercest sprints and grace to smooth out the roughest of roads and high speed descents.

Available in 20 stock sizes, you choose the cable routing and a threaded or threadless fork.

- ▲ 20 stock sizes plus custom sizing available (extra cost)
- ▲ Size specific tubing and geometry
- ▲ Custom IF steel road fork matched to each size frame
- ▲ Custom Columbus Foco and Nivacrom stays
- ▲ Custom machined and relieved bottom bracket shell
- ▲ Custom CNC machined and heat treated dropouts
- ▲ New for 2001: longer headtubes on select sizes (44-52cm) ensures proper stem and bar position while reducing the need for spacers
- ▲ Gussets at the down tube and on the seat tube slot
- ▲ Fully sealed tubeset to protect against the elements
- ▲ Your choice of brake and derailleur cable routing

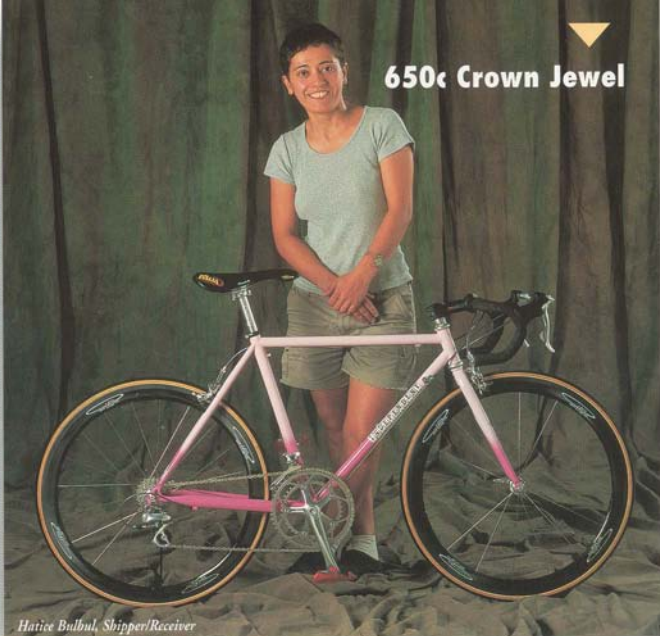




- ▲ Size specific tubing and geometry
- ▲ Custom IF steel road fork matched to each size frame

- ▲ Custom Columbus Foco and Nivacrom stays
- ▲ Custom machined and relieved bottom bracket shell
- ▲ Custom CNC machined and heat treated dropouts
- ▲ New for 2001: longer headtubes ensure proper stem and bar position while reducing the need for spacers
- ▲ Gussets at the down tube and on the seat tube slot
- ▲ Fully sealed tubaset to protect against the elements
- ▲ Your choice of brake and derailleur cable routing

650c Crown Jewel



Hatice Bulbul, Shipper/Receiver

Just as Kings and Queens have different crown sizes, so do men and women have different frame needs. Women, who buy the bulk of our smaller wheeled bikes, asked for

a high performance version of a smaller road bike and we answered. The three smallest sizes of the Crown Jewel are built with 650c wheels, because it enables us to build a better bike than a similarly

sized frame with 700c wheels. Smaller wheels enable us to alleviate or diminish problems like tire overlap and standover clearance. In addition, they enable us to design a bike with more

favorable angles and top tube lengths. In effect, we design the frame around the rider and not around tradition. A head tube extension allows the rider to achieve a proper bar position and reduces

the need to stack your stem. With proper gearing and component selection, a 650c wheeled bike will perform every bit as well as a 700c wheeled frame.



Deluxe



Michelle Walquist, Painter's Assistant



- ▲ 6 stock sizes plus custom sizing available
- ▲ Custom Columbus "S-bend" Nivacrom seat and chain stays
- ▲ Size specific tubing
- ▲ Custom machined and relieved bottom bracket shell
- ▲ Custom CNC machined and heat treated dropouts
- ▲ Choice of top tube or down tube cable routing
- ▲ Custom cable routing available for hydraulic brakes
- ▲ Gussets at the down tube and on the seat tube slot
- ▲ Fully sealed tubeset to protect against the elements
- ▲ Designed for Rock Shox 63mm or 80mm fork (long travel option available)
- ▲ Hayes chainstay disc brake mount available
- ▲ Custom universal disc brake dropouts available

Six years have come and gone since we first introduced the Deluxe. Stock or custom, each Deluxe is still meticulously hand crafted one at a time. The tubing

has gotten lighter and stronger, and the chain and seat stays are now custom designed and even more pleasing to the eye, but one thing has remained the same: The Ride. The Ride that has made the Deluxe

legendary amongst hard tails has surpassed the sum of continuous improvements that have made the Deluxe better year after year. Designed for Rock Shox 63mm or 80mm fork, the 2001 Deluxe can

be set up with our optional disc brake mounts (Hayes or Universal), your choice of cable routing, and is available in 6 sizes.





- ▲ Women's specific geometry
- ▲ 7 stock sizes plus custom sizing available

- ▲ Custom Columbus "S-bend" Nivacrom seat and chain stays
- ▲ Size specific tubing
- ▲ Custom machined and relieved bottom bracket shell
- ▲ Custom CNC machined and heat treated dropouts
- ▲ Choice of top tube or down tube cable routing
- ▲ Custom cable routing available for hydraulic brakes
- ▲ Gussets at the down tube and on the seat tube slot
- ▲ Fully sealed tubeset to protect against the elements
- ▲ Designed for Rock Shox 63mm or 80mm fork (long travel option available)
- ▲ Hayes chainstay disc brake mount available
- ▲ Custom universal disc brake dropouts available



Erin Croft, Painter

Special

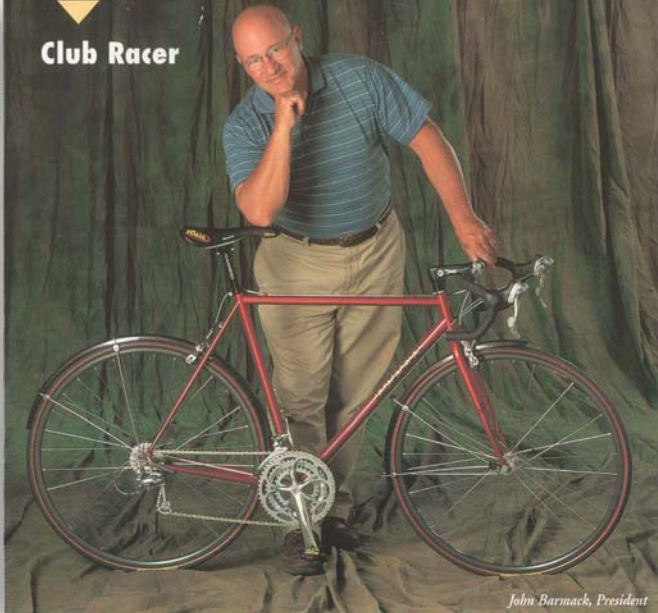
Our riders come in all different shapes and sizes. Two new sizes have been added to the Special's stock offerings bringing the total

to seven, and all are designed specifically for our female customers. From a 10" frame to an 18" frame, each Special receives size specific tubing and geometry aimed at

maintaining the famous hard tail ride quality of the Deluxe. Like the Deluxe, the Special is adjusted for a Rock Shox 63mm or 80mm fork. The Special can also be set up with

our optional disc brake dropouts or a Hayes chainstay mount. Your choice of cable routing or custom sizing round out the available options.

Club Racer



John Barnack, President



- ▲ 17 stock sizes plus custom sizing available
- ▲ Size specific tubing and geometry
- ▲ Uses the RX 100 long reach caliper for ample tire and fender clearance
- ▲ Custom IF steel road fork matched to each size frame
- ▲ Fender mounts, rack mounts, and lowrider mounts
- ▲ Custom machined and relieved bottom bracket shell
- ▲ Custom CNC machined and heat treated dropouts
- ▲ Gussets at the down tube and on the seat tube slot
- ▲ Fully sealed tubeset to protect against the elements
- ▲ Your choice of brake and derailleur cable routing



One bike. One bike to do it all. That was our goal when we set out to develop the Club Racer. Blending the road racing geometry of the Crown Jewel with the rugged

dependability and add-ons of the Independence, the result is the sports car of touring bikes.

Designed to be used with Shimano's RX100 long reach caliper, the Club Racer has ample room for full

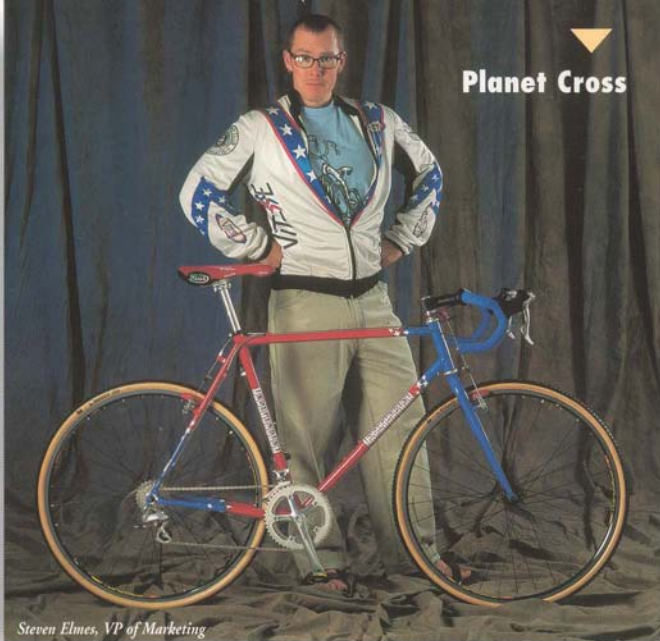
fenders and larger tires, both of which will prove useful when you load up the rack mounts and low riders found stock on every frame and take off for the weekend. Stripped down and equipped with

skinny tires, the Club Racer will fulfill all your road riding or racing needs. Each Club Racer frame includes a custom built IF fork. It is available in 17 sizes.



- ▲ 8 stock sizes plus custom sizing available
- ▲ Bridgless chainstays for mud clearance

- ▲ Built-in rear cantilever barrel adjuster
- ▲ Built in front derailleur STI stop for trim adjustments
- ▲ Sealed bearing pulley for front derailleur
- ▲ Top tube cable routing protects against ice and mud
- ▲ Tall headtubes for ample shouldering room
- ▲ High bottom bracket for pedaling clearance
- ▲ Custom CNC machined and heat treated dropouts
- ▲ Custom machined and relieved bottom bracket shell
- ▲ Gussets at the down tube and on the seat tube slot
- ▲ Fully sealed tubeset to protect against the elements



Planet Cross

Steven Elmes, VP of Marketing

In just four short years, the Planet Cross has become synonymous with the ultimate in Cyclocross frames. Three national titles and a bronze medal at the world's are

surpassed only by the countless local victories and hours of bliss the Planet Cross has provided to riders world wide. Mixing air hardening Reynolds and Columbus tubing, the Planet Cross has the strength of a

mountain bike, but cuts through the terrain like a road bike on fresh asphalt. Bridgeless chain stays and a custom IF cyclocross fork keep you rolling when the elements turn against you and frozen ground

turns to mud and slush. A high bottom bracket keeps your pedals out of harms way and a tall headtube makes portaging the frame a breeze. Whether you are jetting around the world to do

battle with the Big Dogs in Europe or just cruising around your local trails, the Planet Cross will get you there fast and in style.

Note: shown with custom paint.



Independence



Jamie Medeiros, Finisher



- ▲ 13 stock sizes plus custom sizing available (extra charge)
- ▲ Expedition level touring frameset
- ▲ Size specific tubing and geometry
- ▲ Custom IF steel fork matched to each size frame
- ▲ Replaceable cantilever mounts (frame and fork)
- ▲ Fender mounts, rack mounts, and lowrider mounts
- ▲ Machined and relieved bottom bracket shell
- ▲ Custom CNC machined and heat treated dropouts
- ▲ Gussets at the down tube and on the seat tube slot
- ▲ Fully sealed tubeset to protect against the elements
- ▲ Your choice of brake and derailleur cable routing



A true expedition level touring bike ready to take you safely through the most remote distant lands you can think of. Our customers haven't thought of a

bike tour itinerary yet but this bike isn't fully prepared to tackle, and we have seen some mighty ones. Fully equipped for foreign terrain and countries, the independence speaks touring in any language.

Built with durability in mind, the Independence uses a balanced selection of Reynolds steel alloys and like all our frames, is matched with a custom designed IF touring fork. Rack mounts, lowrider mounts,

three water bottle cages, and a pump peg top off this frame.

Note: shown with optional S&S couplings and custom paint.

CUSTOM SIZING At IF we understand that even our huge selection of stock sizes won't meet the needs of all our customers. Even though we produce each of our frames one at a time, sometimes our stock frames need some adjusting to fit a particular rider's needs. Whether it's an old injury that reduces flexibility or variance in your body proportions that make it difficult to fit a stock frame, we are prepared to help you create the bike of your dreams. From simple top tube length and head tube length adjustments to full custom frames, we will work with you and your dealer, seeing that your needs are met from the first phone call to your first ride and beyond. Starting with our Custom Fit Form (available on line at www.ifbikes.com), each rider is asked a series of questions aimed at determining their individual needs. Body measurements, riding history, goals and aspirations are all taken into consideration when designing your frame. From details you can see to those you can't, each nuance of the frame and fork will be taken into consideration. The combined efforts, your input and our craftsmanship, will produce the ride of your dreams. For more information on custom sizing, be sure to visit your local IF dealer for a fitting or check out our custom sizing section on line at www.ifbikes.com.



Michael Allen Cimpher, Tacker

Single Speeds: Nothing seems to put a smile on the face of a rider like swinging a leg over a single speed. Oddly enough, nothing seems to cause as much sweat and pain. Perhaps it is this balance of purity, the balance of input and output

that makes riding a single speed so rewarding. At IF, we offer any of our stock mountain, road, or cross frames as a single speed at no additional charge. Custom CNC machined track dropouts replace our regular dropouts. Let us know the rear wheel spacing and cable

routing (brakes only) and we will do the rest.

S&S Bicycle Torque Couplings: If you travel with your bicycle, you are all too aware of the outrageous fees charged by airlines. S&S Couplings are beautifully machined

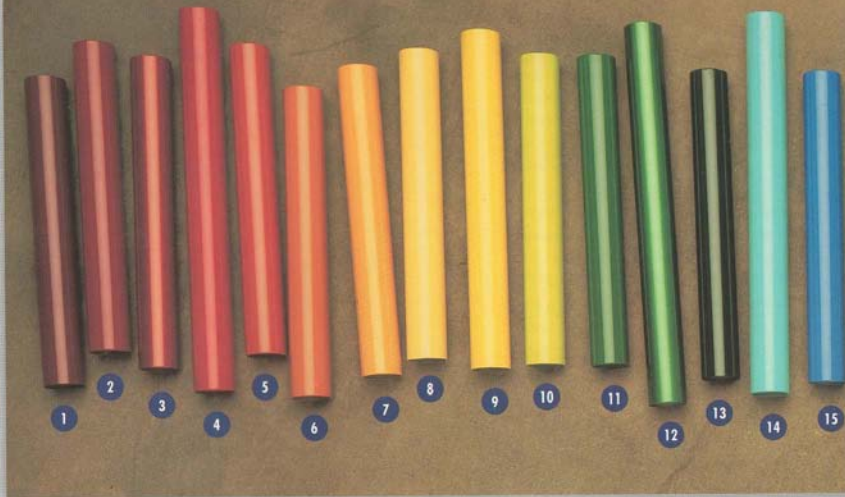
stainless steel or titanium couplings that enable you to disassemble and pack your bike in a case not considered oversized by major airlines. At IF, we select custom tubing and prepare the down tube and top tube with S&S Couplings before the frame is assembled in the jig. This

ensures that the needs of the rider and the overall strength and ride quality of the frame are taken into consideration. Once installed, the result is a beautifully crafted frame that eclipses the coolness of a "folding bicycle." For more information, visit our website at www.ifbikes.com.

Paint Shop

PAINT COLORS:

1. Chili Pepper Red (pearlcoat)*
2. Colorado Red
3. Copper Red (pearlcoat)*
4. Hot Red
5. Hemi Orange Metallic
6. Omaha Orange
7. Tangerine Yellow
8. Butter Yellow
9. Bright Yellow
10. Lime
11. Green
12. Bright Green Metallic
13. British Racing Green
14. Turquoise
15. Evening Blue



Stock Paint: Beauty aside, our legendary paint jobs provide so much more than just an awe inspiring finish. They provide a durable and lasting surface that will protect your frame for years to come. From the first layer of primer to the final coat of clear, your frame won't leave our caring hands until we are sure it is ready. Day in and day out, we research the latest developments in equipment, materials and techniques ensuring every layer of

paint—stock or custom—receives the same level of attention to detail. Over the years we have offered some of the most diversified stock paint options available in the industry. We pride ourselves on knowing that almost every single IF is a bit different; a testament to the individuality of the rider. Keeping up with this desire to offer our customers so much can be challenging, but this year will be our finest yet.

For 2001, we are offering our customers the broadest selection of stock colors ever. 32 brilliant colors covering the full range of the spectrum are available as single frame colors or two colors can be faded together at no additional charge. Simply reference the name or number associated with each color and use them when ordering your new IF frame. What could be easier? Still not convinced? Then take a peek at our Custom Paint Shop.



- 16. Intense Blue (pearlcoat)*
- 17. Sapphire Blue (pearlcoat)*
- 18. Navy Blue
- 19. Fiesta Purple
- 20. Purple
- 21. Amethyst (dark purple)
- 22. Pale Pink
- 23. Pure Pink (pearlcoat)*
- 24. White
- 25. Ivory
- 26. Pearl White (extra charge)
- 27. Black Diamond (pearlcoat)*
- 28. Platinum
- 29. Fine Silver
- 30. Gold
- 31. Amber Fire (pearlcoat)*
- 32. Black (blue pearl optional) (not shown)

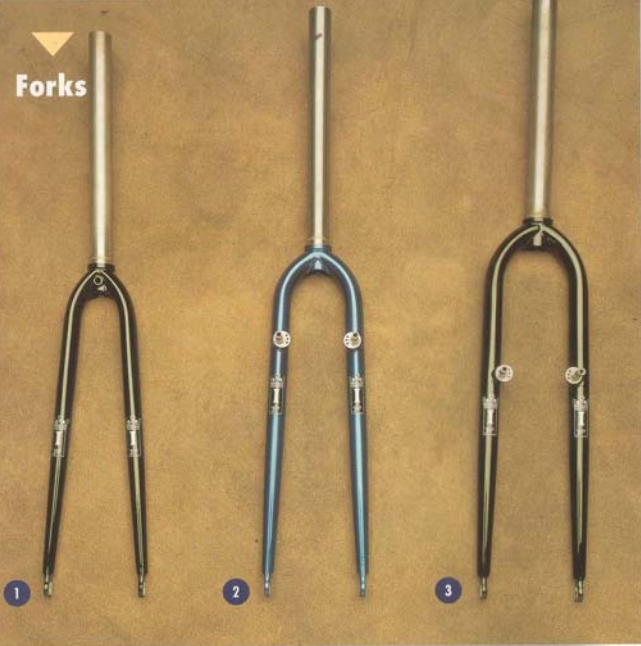
Custom Paint: What a bike looks like can say volumes about the rider. Some like their bikes subtle. Others like it loud. Subtle or loud, flashy or classy, IF can meet almost any request. Whether its a custom single color reminiscent of your first car or something elaborate like camouflage or flames, our in-house paint department is on call. Viewing your bike as a rolling canvas our painters/artists turn your vision into a reality.

Like most things custom, painting can't be rushed. So be prepared to wait a week or two longer for the bike of your dreams. If you are having trouble with your vision, there is still hope. Over the years we have created a veritable plethora of original works of art. Most of these have been captured digitally and are available for referencing on our website at www.ifbikes.com. Sorted into categories and easy to load, hundreds of detailed images will help

guide you toward your ultimate goal: a custom painted IF.

*Select stock colors are pearlcoats. Pearl is a very fine mica flake that is added to color creating depth and luminosity—an almost jewel-like point finish.

Forks



1. ROAD FORK Our light weight steel road forks are built from heat treated and butted Dedacciai blades. Available in both threaded and threadless (1"), stock forks come in 40mm, 43mm, 45mm and 50mm offsets. Custom offsets, 650c wheels and 1.125° steerers also available. (Build height—375mm dropout to crown race).

2. CYCLOCROSS FORK Built with the same attention to detail as our mountain and road forks, our cyclocross fork is built with heat treated and butted Dedacciai blades and features replaceable brake posts. Providing plenty of tire clearance, our cross forks are surprisingly supple over the rough stuff while providing plenty of stiffness for those finish line sprints. Available as a threadless fork (1"), stock forks come in 45mm and 48mm offsets. Custom offsets also available. (Build height—395mm dropout to crown race).

3. MOUNTAIN FORK Hand built one at a time, our No-Travel Rigid Fork is a great change for winter riding, a retro approach to traversing technical terrain, or just lightening up your bike. It is designed to replace frames with 63mm travel forks, and in some cases 80mm travel forks. Available in 1.125° threadless steerer. Custom rigid forks also available. (Build height—430mm dropout to crown race).

Note: Stock forks are black, other colors available at an additional charge.

Forks are not accessories...Unlike most parts you hang on a frame, the fork should never be considered an accessory or afterthought. When a frame builder is designing a frame, they must know both the build height and offset of

the fork that will go on the frame. Absent that information, the builder does not have complete control over how the final product will ride. At IF, we sell each of our frames with the fork we have designed the frame around. By building our own forks in house,

we have complete latitude to build each of our frames around the rider and then match the fork to the frame. This attention to detail allows us to keep the handling characteristics and ride quality of each size of a particular model similar.

Our New Titanium Crown Jewel receives the same care as our steel frames only we substitute a custom Reynolds Ouzo Pro all carbon fork. We have worked closely with Reynolds to insure that all of our design needs are met. Four available offsets help us meet the needs

of our customers. the oversized 1 1/8" threadless carbon steerer keeps the front end light and stiff. Always make sure you are getting a fully designed frame and fork package when purchasing a new frameset.



INTRODUCING... you to just one of the many racers we are fortunate enough to sponsor:

NAME: Cristina Begy

HOMETOWN: Appleton, Wisconsin

IF BIKES: 15" Special, 15" Single Speed, 50cm Planet Cross

RACING HIGHLIGHTS: Winner Leadville 100 (1999 & 2000); Winner Vail 100 [2000]; Winner 24-Hours of Laguna Seca and 24-Hours of Tahoe (Women's Solo)

Q&A: Why do you like riding for IF?

"Whaddaya mean? They're just the coolest bikes on the planet. Last year I got a Hawaiian flowers paint job and this year martians and



rockets. What more could I really want?"

Why ultra distance and 24-hour racing? "Insanity."

What are your goals for the future? "Being healthy and fit enough to ride my IF until I'm at least 105 and inspire millions of little girls to go out and whoop up on the boys...in a dress."

Any last thoughts? "I've had a phenomenal year and I have to thank IF for believing in me."



Cristina Begy, ultra endurance freak

Sponsorship

Grassroots Racing has proven to be one of the greatest programs in which IF has ever been involved. Sure, the ongoing research and development, victories, medals, and exposure it brings are great, but it is

the racers themselves that make it worth it for us. Each year we are approached by hundreds of riders, from pro roadies to first year mountain bikers, all looking to become part of the IF extended family. Some want a lot. Others ask for

very little. Those who chose to work with us become so much more than just a racer to us, they become a friend. The weekly race reports turn into laughable conversations about flat tires and finish line sprints. We share our lives with them and they

share their lives with us. The resulting partnerships have lasted long after the race season is over and even when a racer moves on. We are most proud of that simple fact. That when a racer leaves IF, IF doesn't leave the racer. For more

information on our grassroots team, please check out our website at www.ifbikes.com.

Soft Goods

IF owners and fans alike love to fly our colors. Whether its before the ride for coffee; on the bike; or after a ride for a burrito or beer, IF has got you covered with a wide selection of cool clothing and gear. Like the changes of the seasons here in New England, our clothing selection also changes during the year. For a complete description and list of available sizes and styles please be sure to check on line at www.ifbikes.com. Our secure e-commerce site is ready to take your order today.

1. Tricycle T-shirt
2. Hooded Sweatshirt (100% cotton, full zip)
3. Zippo Tape Measure
4. Voler Wind Jacket
5. Team Jersey (short sleeve)
6. Sticker Kit & Vinyl Cut Window Decals
7. Original T-shirt
8. Baseball Hats
9. Polartech Fleece Beanie
10. Bib Shorts (black)
11. Water Bottles (large or small)
12. Bib Shorts (limited edition—seasonal)
13. Team Jersey (long sleeve)

Not Shown: IF Pint Glasses and DeFeet Socks





10



11



5



12

6



13

Kits/Complete Bikes

KIT	XTR	XT	LX	Dura Ace	Ultegra	Shimano 105	Record	Chorus
Rear Derailleur	XTR	XT	LX	DA	Ultegra	Shimano 105	Record	Chorus
Front Derailleur	XTR	XT	LX	DA	Ultegra	Shimano 105	Record	Chorus
Cranks	XTR	XT	LX	DA	Ultegra	Shimano 105	Record	Chorus
Bottom Bracket	XTR	XT	LX	DA	Ultegra	Shimano 105	Record	Chorus
Shifters	XTR	XT	LX	DA	Ultegra	Shimano 105	Record	Chorus
Brake Levers	XTR	XT	LX	DA	Ultegra	Shimano 105	Record	Chorus
Brakes	XTR	XT	LX	DA	Ultegra	Shimano 105	Record	Chorus
Headset	Chris King	Chris King	Chris King	Chris King	Chris King	Chris King	Chris King	Chris King
Bar	Kore Elite	Kore Elite	Kore Elite	TTT Forma SL	TTT Forma SL	TTT Forma SL	TTT Forma SL	TTT Forma SL
Stem	Kore Elite	Kore Elite	Kore Elite	TTT	TTT	TTT	TTT	TTT
Seatpost	Thomson	Thomson	Thomson	Thomson	Thomson	Thomson	Thomson	Thomson
Saddle	Selle Italia	Selle Italia	Selle Italia	Selle Italia	Selle Italia	Selle Italia	Selle Italia	Selle Italia
Hubs	XTR	XT	LX	DA	Ultegra	Shimano 105	Record	Chorus
Spokes	14/15	14/15	14/15	14/15	14/15	14/15	14/15	14/15
Rims	Mavic 517	Mavic 517	Mavic 225	Mavic Open Pro	Mavic Open Pro	Mavic Open Pro	Mavic Open Pro	Mavic Open Pro
Tires	Hutchinson Pythons	Hutchinson Pythons	Hutchinson Pythons	Vredstein Fortezza	Vredstein Fortezza	Vredstein Fortezza	Vredstein Fortezza	Vredstein

OPTIONS: For a complete up-to-date list of available frame kit options, as well as kit options for cyclocross and touring frames, please visit our website at www.ifbikes.com.

IF offers both its dealers and customers the option of purchasing a complete bike or a Mini Kit. Working with Security Bicycle Accessories, the premier kit provider for small and large frame builders, IF is able to offer an incredible

selection of options to our customers. From Shimano to Campagnolo, XTR to Dura Ace, TTT to Deda and beyond, IF is your one stop shop for the ultimate in complete bike kits. IF can also assist you with a Mini Kit which includes a Chris King Headset, Thomson

Seatpost, and Salsa Stem (painted to match for a little bit more). For a complete list of available parts, please contact your local dealer or check on line at www.ifbikes.com.

**NEW
2001**

Crown Jewel
TITANIUM

Ti Road Frame Specifications

SIZE	STANDOVER HEIGHT	TOP TUBE			SEAT ANGLE	SEAT OFFSET	FORK DROP	AXLE		'HEAD TUBE LENGTH	'WHEEL BASE	TRAIL
		LENGTH	ANGLE	TO B.B.				TUBE				
44cm	78.0cm	49.0cm	71.5°	73.0°	45mm	48mm	88.0mm	94.8cm	56.9mm		56.9mm	
46cm	79.9cm	50.0cm	71.5°	73.0°	45mm	48mm	108.0mm	95.5cm	56.9mm		56.9mm	
48 Short	73.8cm	50.0cm	71.5°	73.0°	45mm	48mm	128.0mm	95.9cm	56.9mm		56.9mm	

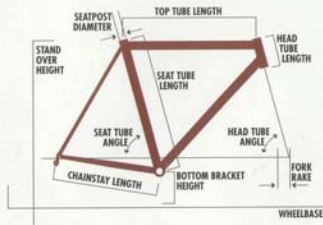
NOTE: frame sizes 44-48 Short use 430 wheels, frame sizes 46cm & above use 700c wheels.

48cm	73.9cm	51.0cm	72.0°	73.0°	50mm	73mm	77.0mm	95.8cm	56.9mm		56.9mm	
49cm	74.8cm	51.5cm	72.0°	73.0°	50mm	73mm	87.0mm	94.2cm	56.9mm		56.9mm	
50 Short	76.1cm	52.0cm	72.0°	73.0°	50mm	70mm	100.0mm	97.0cm	56.9mm		56.9mm	
50cm	76.1cm	53.0cm	72.0°	73.0°	50mm	70mm	100.0mm	98.0cm	56.9mm		56.9mm	
51cm	77.0cm	53.5cm	72.0°	73.0°	50mm	73cm	110.4mm	98.5cm	56.9mm		56.9mm	
52cm	78.0cm	54.0cm	72.0°	73.0°	50mm	70mm	120.4mm	99.0cm	56.9mm		56.9mm	
53cm	78.9cm	54.5cm	72.0°	73.0°	50mm	70mm	130.4mm	99.5cm	56.9mm		56.9mm	
54cm	79.9cm	55.0cm	73.0°	73.0°	45mm	70mm	134.3mm	99.6cm	56.0mm		56.0mm	
55cm	81.0cm	56.0cm	73.0°	73.0°	45mm	70mm	146.1mm	99.6cm	56.0mm		56.0mm	
56cm	81.8cm	57.0cm	73.0°	72.5°	45mm	70mm	154.5mm	100.1cm	56.0mm		56.0mm	
57cm	82.9cm	58.0cm	73.5°	72.5°	43mm	70mm	161.8mm	100.4cm	55.0mm		55.0mm	
58cm	83.9cm	59.0cm	73.5°	72.5°	43mm	70mm	171.7mm	101.4cm	55.0mm		55.0mm	
59cm	85.0cm	59.5cm	74.0°	72.0°	40mm	67mm	180.1mm	100.7cm	55.0mm		55.0mm	
60cm	85.9cm	60.0cm	74.0°	72.0°	40mm	67mm	190.0mm	101.2cm	55.0mm		55.0mm	
61cm	87.0cm	60.5cm	74.0°	72.0°	40mm	67mm	199.9mm	101.6cm	55.0mm		55.0mm	
62cm	88.0cm	61.0cm	74.0°	72.0°	40mm	67mm	209.8mm	101.1cm	55.0mm		55.0mm	
63cm	88.9cm	62.0cm	74.0°	72.0°	40mm	67mm	219.7mm	103.5cm	55.0mm		55.0mm	

NOTE: 62cm and larger frames require 1.25" clamp front derailleurs.

Bottom Bracket Height: variable**
 Front Derailleur: 44-54cm 1.125" clamp-on
 55cm and larger 1.375" clamp-on
 Chainstay Length: 41.5cm
 Bottom Bracket Width: 68mm
 Frame Weight (54cm): 2.79 lbs.
 Seatpost Size: 27.2mm
 Rear Axle Spacing: 130mm
 Fork Weight: 15 ounces (1.125" threadless)

**Includes 1cm headset extension



NOTE: All Measurements are center to center unless otherwise noted. Headtube heights are measured end to end. Top tubes are measured from the intersection of the top tube and head tube to the seat tube centerline, horizontal to the ground.



Touring Frame Specifications

SIZE	STANDOVER			TUBE HEAD			SEAT			FORK			TO B.B.			HEAD			WHEEL			TRAIL		
	HEIGHT	LENGTH	ANGLE	LENGTH	ANGLE	OFFSET	LENGTH	ANGLE	OFFSET	LENGTH	ANGLE	LENGTH	ANGLE	LENGTH	ANGLE	LENGTH	ANGLE	LENGTH	ANGLE	LENGTH	ANGLE	BASE	TRAIL	
36cm	68.3cm	50.5cm	71.0°	73.0°	45mm	48mm	90.0mm	97.7cm	50.0mm	49cm	72.0°	73.0°	50mm	73mm	75.0mm	85.0mm	103.0cm	82.4mm	45cm	50.0mm	97.7cm	50.0mm	50.0mm	
39cm	67.4cm	51.0cm	71.0°	73.0°	45mm	48mm	90.0mm	98.2cm	51.0mm	49cm	72.0°	73.0°	50mm	73mm	75.0mm	85.0mm	103.0cm	82.4mm	45cm	50.0mm	97.7cm	50.0mm	50.0mm	
41cm	66.8cm	51.5cm	71.0°	73.0°	45mm	48mm	90.0mm	98.2cm	51.5mm	49cm	72.0°	73.0°	50mm	73mm	75.0mm	85.0mm	103.0cm	82.4mm	45cm	50.0mm	97.7cm	50.0mm	50.0mm	

NOTE: Frame sizes 30-40cm use 26" mountain bike wheels, frame sizes 43cm & above use 700c wheels.

Bottom Bracket Height: variable**
Chainstay Length: 45.0cm (43cm for 37, 39 & 41cm frames)

Bottom Bracket Width: 68mm
Frame Weight (55cm): 3.8 lbs.

Crown Jewel Road Frame Specifications

SIZE	STANDOVER			TUBE HEAD			SEAT			FORK			TO B.B.			HEAD			WHEEL			TRAIL		
	HEIGHT	LENGTH	ANGLE	LENGTH	ANGLE	OFFSET	LENGTH	ANGLE	OFFSET	LENGTH	ANGLE	LENGTH	ANGLE	LENGTH	ANGLE	LENGTH	ANGLE	LENGTH	ANGLE	LENGTH	ANGLE	BASE	TRAIL	
44cm	69.7cm	49.5cm	71.5°	73.0°	45mm	48mm	79.0mm	94.8cm	56.9mm	50cm	72.0°	73.0°	50mm	73mm	75.0mm	85.0mm	102.5cm	84.8cm	45cm	50.0mm	97.7cm	50.0mm	50.0mm	
46cm	71.6cm	49.5cm	71.5°	73.0°	45mm	48mm	99.0mm	95.3cm	56.9mm	50cm	72.0°	73.0°	50mm	73mm	75.0mm	85.0mm	102.5cm	84.8cm	45cm	50.0mm	97.7cm	50.0mm	50.0mm	
48 Short	73.5cm	50.0cm	71.5°	73.0°	45mm	48mm	119.2mm	95.9cm	56.9mm	50cm	72.0°	73.0°	50mm	73mm	75.0mm	85.0mm	102.5cm	84.8cm	45cm	50.0mm	97.7cm	50.0mm	50.0mm	

NOTE: Frame sizes 44-48 Short use 650c wheels, frame sizes 48cm & above use 700c wheels.

Bottom Bracket Height: variable**
Chainstay Length: 41.5cm

Bottom Bracket Width: 68mm
Frame Weight (56cm): 3.57 lbs.

CLUB RACER Sport Touring Frame Specifications

SIZE	STANDOVER			TUBE HEAD			SEAT			FORK			AXLE			HEAD			WHEEL			TRAIL		
	HEIGHT	LENGTH	ANGLE	LENGTH	ANGLE	OFFSET	LENGTH	ANGLE	OFFSET	LENGTH	ANGLE	LENGTH	ANGLE	LENGTH	ANGLE	LENGTH	ANGLE	LENGTH	ANGLE	LENGTH	ANGLE	BASE	TRAIL	
48cm	72.1cm	49.5cm	71.5°	73.0°	45mm	48mm	50mm	80.0mm	81.8mm	50mm	73.0°	45mm	48mm	73mm	75mm	85mm	103.9cm	86.8mm	45mm	50mm	97.7cm	50mm	50mm	
49cm	74.8cm	52.0cm	72.0°	73.0°	50mm	52mm	73mm	70mm	70mm	70mm	73.0°	50mm	52mm	73mm	75mm	85mm	103.9cm	86.8mm	45mm	50mm	97.7cm	50mm	50mm	

NOTE: Frame sizes 44 & 48cm use 26" mountain bike wheels.

Bottom Bracket Height: variable**
Chainstay Length: 42.5cm

Bottom Bracket Width: 68mm
Frame Weight (55cm): 3.5 lbs.

PLANET Cyclocross Frame Specifications

SIZE	STANDOVER			TUBE HEAD			SEAT			FORK			AXLE			HEAD			WHEEL			TRAIL		
	HEIGHT	LENGTH	ANGLE	LENGTH	ANGLE	OFFSET	LENGTH	ANGLE	OFFSET	LENGTH	ANGLE	LENGTH	ANGLE	LENGTH	ANGLE	LENGTH	ANGLE	LENGTH	ANGLE	LENGTH	ANGLE	BASE	TRAIL	
44cm	71.2cm	50.0cm	71.0°	72.0°	45mm	45mm	71.3mm	96.3cm	64.7mm	50cm	72.0°	73.0°	50mm	73mm	75mm	85mm	102.2cm	97.8cm	64.7mm	50cm	97.8cm	64.7mm	64.7mm	
46cm	73.1cm	51.0cm	71.0°	72.0°	45mm	45mm	92.2mm	97.8cm	64.7mm	50cm	72.0°	73.0°	50mm	73mm	75mm	85mm	102.2cm	97.8cm	64.7mm	50cm	97.8cm	64.7mm	64.7mm	

Bottom Bracket Height: variable**
Chainstay Length: 42.5cm

Bottom Bracket Width: 68mm
Frame Weight (56cm): 3.85 lbs.

** Top tube length is measured from the center of the top tube/head tube junction to the center of the seat tube, parallel to the ground. Due to sloping top tubes, the physical length will often be different from the horizontal length given. The horizontal length is used to determine correct sizing.

** Call or check website (www.tbikes.com) for complete specifications.

Specifications

Frame sizes are measured from the center of the bottom bracket shell to the center of the top tube/seat tube junction. All standover heights are measured from the top of the top tube to the floor at a point 8" forward of the top tube/seat tube junction.

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Mountain Bike Frame Specifications

SIZE (Ch-Co)	STANDOVER			EFFECTIVE TUBE			HEAD TUBE			SEAT TUBE			WHEEL																												
	HEIGHT	LENGTH	ANGLE	LENGTH	ANGLE	OFFSET	LENGTH	ANGLE	LENGTH	ANGLE	LENGTH	ANGLE	LENGTH	ANGLE	BASE	TRAIL																									
14.5"	27.5"	22.0"	90mm	71.0°	72.0°	40.4"	15.5"	28.2"	22.6"	90mm	71.0°	72.0°	41.1"	17"	29.3"	23.0"	90mm	71.0°	72.0°	41.5"	18"	30.2"	23.3"	107mm	71.0°	72.0°	41.8"	19"	31.1"	23.6"	123mm	71.0°	72.0°	42.1"	20.5"	31.5"	24.0"	156mm	71.0°	72.0°	42.5"

Bottom Bracket Height: 12"
Chainstay Length: 16.75"

Bottom Bracket Width: 68mm
Headset Diameter: 1.125"
Frame Weight (17"): 3.7 lbs.

Mountain Bike Frame Specifications

SIZE (Ch-Co)	STANDOVER			EFFECTIVE TUBE			HEAD TUBE			SEAT TUBE			WHEEL																																			
	HEIGHT	LENGTH	ANGLE	LENGTH	ANGLE	OFFSET	LENGTH	ANGLE	LENGTH	ANGLE	LENGTH	ANGLE	LENGTH	ANGLE	BASE	TRAIL																																
10"	24.2"	20.9"	90mm	71.0°	72.0°	39.2"	12"	25.8"	21.3"	90mm	71.0°	72.0°	39.7"	13"	26.6"	21.5"	90mm	71.0°	72.0°	39.85"	14.5"	27.5"	21.6"	90mm	71.0°	72.0°	40.5"	15.5"	28.2"	22.3"	90mm	71.0°	72.0°	40.7"	17"	29.4"	22.6"	107mm	71.0°	72.0°	41.1"	18"	30.4"	23.0"	107mm	71.0°	72.0°	41.4"

Bottom Bracket Height: 12"
Chainstay Length: 16.75"

Bottom Bracket Width: 68mm
Headset Diameter: 1.125"
Frame Weight (14.5"): 3.4 lbs.

** Top tube length is measured from the center of the top tube/head tube junction to the center of the seat tube, parallel to the ground. Due to sloping top tubes, the physical length will be longer than the horizontal length given. The horizontal length is used to determine correct sizing.

** Call or check website (www.tbikes.com) for complete specifications.



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