

At Novara, we're as passionate about getting folks to ride bikes as we are about designing bikes. Which is why we, as part of the REI family, regularly donate bikes, gear and money to support cycling in all of its forms. It's all part of our master plan to get the entire planet riding bikes. Check out novarabike.com to learn more.



NOVARA

WORLD HEADQUARTERS

KENT, WASHINGTON

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www.novarabike.com



TRUVATIV



FSR
FULL SPEED AHEAD

RITCHEY

FOX
RACING SHOX

MANITOU

ROCK SHOX

SELLE san marco



Any day, any road, any rider

20
05

NOVARA

Never a bad time to ride.

Words to live by, in our humble opinion. We love a leisurely jaunt to our favorite coffee shop as much as we do a fast and twisty run of singletrack. And frankly, some of our favorite rides are those we do to and from work, slicing through backroads and bike paths in the early morning, escaping both traffic and the trappings of fossil fuels. So no matter your favorite time or place to ride, we'll have the bike. Because when we say there's never a bad time to ride, we're talking to you.

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MOUNTAIN FULL SUSPENSION



fox shocks
front & rear



It's true. Lighter is faster.
Which is why you'll find no
extra fat on the FSL. From
the WTB Laser Disc Lite
wheelset to the Truvativ
Stylo Team cranks, the FSL
rides lean and mean.

PONDEROSA FSL | Dialed in and ready to go fast. On twisty trails, up long steepes, and down bomber runs, the FSL will be your best buddy. The Fox fork is perfectly matched with the Fox rear shock for a smooth ride on even the most demanding terrain. Choice parts and disc brakes round out the package on this sweet ride.

Frame: **AN6 aluminum** Fork: **Fox FR 100mm** Crankset: **Truvativ Stylo Team**
Drivetrain: **Shimano Deore XT/LX** Highlights: **Avid disc brakes, WTB wheels**



TRUE TRAIL BIKES FOR YOUR ALL-DAY EPICS

If you like to go fast uphill as well as downhill, our full-suspension bikes are the ride for you. Carefully balanced front and rear suspension ensures that even after the longest rides, you're still going to want to come back for more.



24/7



Disc brakes. We love 'em.
They're reliable, they stop
like crazy in any weather,
and they don't care if your
wheels go out of true.
To us, those are things
that come in mighty handy.

PONDEROSA FS | Don't go broke going big. The Ponderosa FS delivers what you need to hit the trails hard, all the while going easy on your funds. To us, that means more road trips and more trails. With RockShox suspension front and rear, sturdy wheels and Hayes disc brakes, the FS is a trail-worthy rig that'll hang in there when things get rough. Frame: **AN6 aluminum** Fork: **RockShox Judy TT** Crankset: **Truvativ FiveD** Drivetrain: **Shimano Deore LX/Alivio** Highlights: **Hayes disc brakes**



3:17pm ... the trail blurs as you accelerate, trees blending into the background as you hammer into the curve ...

MOUNTAIN FS 2005

Garden of the Gods, Colorado Springs, Colo.

MOUNTAIN HARDTAILS



PONDEROSA HT | A good hardtail is wicked-fast and beautifully light. The Pondo delivers on both promises, and will have you tearing up the hills, passing tired-looking freeriders with glee.
Frame: **AN aluminum** Fork: **Manitou Axel Elite** Crankset: **Truvativ FireX** Drivetrain: **Shimano Deore XT/Deore** Highlights: **Avid Single Digit brakes**; **WTB WeirWolf tires**; **Truvativ bar, stem and seatpost**



Disc brakes



BONANZA | Totally tight and built to rip, the Bonanza might just be the best deal on a mountain bike out there. Choice parts, a sweet fork, and yes, my friends, those are disc brakes. We do it because we love you.
Frame: **6061 aluminum** Fork: **Manitou Axel Comp** Crankset: **Truvativ FiveD**
Drivetrain: **Shimano Deore/Alivio** Highlights: **WTB WeirWolf tires**

7:30am ... into the forest and through the early-morning chill, your mind clear, your focus on the trail ...

MOUNTAIN HT 2005



ASPEN | A fast and capable trail bike, the Aspen will get anybody out into the dirt. Built tough to take on the trails, with a superstrong 6061 aluminum frame teamed up with a host of dirt-worthy parts.
Frame: **6061 aluminum** Fork: **RST Gila T5** Crankset: **Truvativ ISO-Flow**
Drivetrain: **Shimano Alivio/Acera** Highlights: **WTB Mutano Raptor tires**



FAST-HANDLING FUN WITH NO STRINGS ATTACHED

The key to happiness, it was once said, consists of two things: a nice, light hardtail mountain bike and a killer section of twisty trail. Some things never change.



24/7



Travel for all conditions. That's what you get with Rapid Travel Wind Down (RTWD), found on the new Manitou Black fork. Let it loose for the rough stuff, wind it down for the smoother trails.



Scott, Sarah and Wes negotiate the rock garden at the Keystone Resort Bike Park, in Colorado's White River National Forest.

THE WORLD IS NOW YOUR PLAYGROUND

A big-travel bike changes how you ride. It's all about finding the good hits. Rocks, logs, dirt, or a pile of rickety boards held together by rusty nails. Whatever. If it's rideable, ride it. If not, keep going until it is.



Built to grind

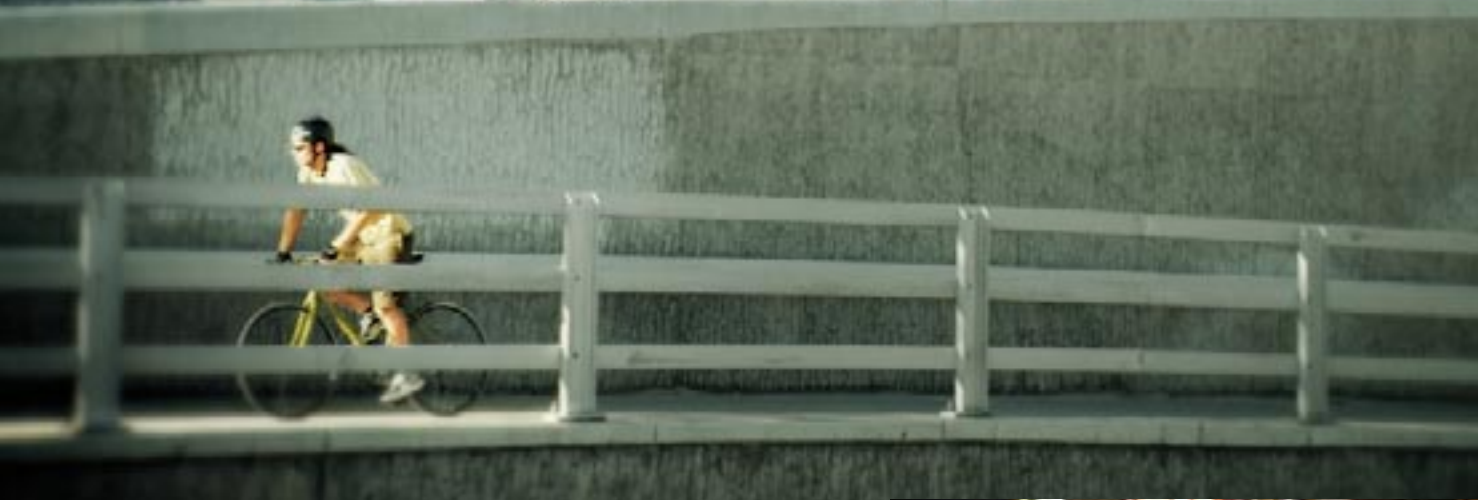


BUZZ KING B | This one's a favorite around here because it makes every ride more fun. You start seeing terrain a little differently when you're sitting on the King B's saddle. With five inches of travel, what was once an obstacle is now a launching pad. To keep it all under control, we threw on the sticky Kenda Nevegal tires and teamed them up with Hayes hydraulic brakes. Frame: **AN6 aluminum** Fork: **Manitou Black Super** Crankset: **Truvativ Blaze** Drivetrain: **Shimano Deore LX/Deore** Highlights: **Manitou Black Super with RTWD and rear Manitou Swinger shock**

4:20pm ... a rider takes aim and launches into the air, hanging gracefully for an instant before hitting the ground ...

ALL MOUNTAIN 2005





3:30am ... silently cutting through the night, home from the punk rock show, a shadow seen but never caught ...



BIG BUZZ | In the future, everybody will have this bike. It's an ideal blend of quickness and strength, with big wheels, fast tires, and Avid disc brakes to bring you back from warp speed. Start your future now.
Frame: **7005 aluminum** Fork: **Bladed alloy** Crankset: **Truvativ Elita**
Drivetrain: **SRAM X-7** Highlights: **Avid disc brakes and WTB wheels**

BUZZ | For those who thrash just a little harder, we bring the Buzz. It's got tougher 26" wheels and a little bit fatter tires. Folks loved tearing it up on the older version, but now we're throwing down some disc brakes. Because standing still isn't what this bike is about.
Frame: **7005 aluminum** Fork: **Chromoly** Crankset: **Truvativ Blaze with bash guard** Drivetrain: **SRAM 5.0** Highlights: **Hayes disc brakes**



STRIPPED-DOWN AND STYLISH

Shoot the alleys, race the buses, dodge the cars. Disc brakes, lots of gears, and total reliability. Just what you need to conquer the pavement.





What makes a great commuter bike?
Everything working together. Fenders, lights, rack, suspension seatpost—every amenity to sweeten your ride is already on the Fusion. Available in step-through frame.

FUSION | This isn't just a bunch of doodads hung on a touring bike. Nope, we wouldn't build a bike that way. Instead, we designed the Fusion from scratch so that it'd be the best commuter bike out there. Internal gears, built-in generator hub, fast wheels and thoughtfully designed fenders and rack. It all adds up to a reliable and fun-to-ride bike that'll get you there and back without any hassles.
Frame: **6061 aluminum** Fork: **Shaped alloy**
Crankset: **Shimano** Drivetrain: **Shimano Nexus internal**
Highlights: **Everything you want, fully integrated**

6:30am ... past the gas pumps and rolling pollution-free through the city, you're off to work with a big ol' grin ...



SAVE THE PLANET, ONE RIDE AT A TIME

Bike to work, on errands or just around town and free yourself of vehicle-induced stress. Arrive refreshed, energized and already looking forward to the ride home.



El Dorado Canyon State Park, Colo.



10:39am ... a two-wheeled adventure begins, in search of simplicity and the perfect place to take a long nap ...



SAFARI | Made for the epic tour. Maybe it's Alaska. Maybe it's Africa. Maybe both. Even if these are just the aspiration, and you're more likely to be found on a gravel road headed for a hike or local lake, this is the bike that'll take you there. Comfortable for the long haul, and durable as only a purpose-built tourer can be.

Frame: **7005 aluminum** Fork: **Chromoly** Crankset: **Shimano Deore**
Drivetrain: **Shimano Deore LX** Highlights: **Unique multiposition handlebar**

RANDONEE | This is probably the most versatile bike we make. Sure it can do a loaded tour with aplomb, but it's also a fun bike to just ride. There's a Reynolds steel frame for comfort on long rides. Cantilever brakes and ample tire clearance make it a great commuter or even cyclocross bike. You didn't hear this from us, but it's quite possible that this is the only bike you'll ever need. Frame: **Reynolds 520 chromoly**

Fork: **Chromoly** Crankset: **Shimano Tiagra** Drivetrain: **Shimano Tiagra**
Highlights: **Smooth ride, nice Vittoria tires, and rack mounts galore**



THE FREEDOM TO CHOOSE YOUR OWN ROAD

Versatility is the guiding concept for our touring bikes, because even on the best-planned bike tours, there will be a sunlit gravel path begging to be explored.





Cyclocross at South Seatac Park, Wash.



Carbon on a 'cross bike?
That's the Novara way

12:22pm ... the bell rings in your ears as you hammer, sweating and muddy, accelerating faster and faster now that you know you're one lap away from a merciful end ...



ELEMENT | Race it on Saturday, ride it to work on Monday. The Element is as happy on dirt as on pavement, thanks to a thoughtful design and careful construction. Lightweight aluminum frame and fork, great parts and some snazzy paint. What more could you want? Disc brake mounts on the frame and fork if you want to upgrade later? You got 'em. Go nuts.
Frame: **AN6 aluminum** Fork: **Alloy cross** Crankset: **Truvativ Elita**
Drivetrain: **Shimano Tiagra** Highlights: **WTB Pure V Race saddle, Ritchey Aero rims, Ritchey SpeedMax Cross tires**



RIVET | A pure race-bred superstar, built wicked-light and with nearly telepathic handling. Our testers said you only need to think about where you want to go, and this bike is already there. Strange as it sounds, they speak the truth. Fully built for riding fast, this is one of the few cyclocross bikes with carbon stays and a carbon fork. The result is an unbeatable, superfast ride.
Frame: **AN6 aluminum w/ carbon stays** Fork: **Carbon cross** Crankset: **Ritchey Cross V** Drivetrain: **Shimano Ultegra, Shimano 105** Highlights: **Ritchey Pro cockpit, Ritchey Aero DS rims, Crank Bros. Candy pedals**



THE MAYHEM OF MUD, SWEAT AND GEARS

Cyclocross has always been a way roadies stay fit during winter, but nowadays more and more people are finding these versatile bikes perfect for all kinds of riding.



Reaching 12,000 ft. on Mt. Evans, Colo.



TEAM TRIONFO | What's it take to go fast? Here's the recipe we used for the Team Trionfo: Carbon. Lots of it. All over the place. Dura-Ace components. Proven frame geometry that won't let you down when you enter a sweeper at 50 mph. Scary-light Mavic Ksyrium SSC SL wheels. Now just add muscle and nerve, stir at 90 rpm, and you're gonna go fast. Frame: **AN6 butted aluminum with Columbus Muscle rear** Fork: **Columbus Muscle carbon** Crankset: **Dura-Ace Hollowtech** Drivetrain: **Dura-Ace 10-speed** Highlights: **Everything**



Dura-Ace. There's really nothing better. From the beefy yet graceful crank to a chain that you'll be tempted to take off and hook onto your favorite medallion, it's the good stuff.



Columbus Muscle carbon front & rear



MUSCLE + SWEAT + TECHNOLOGY = SPEED
Steeped in a tradition of going fast and hard, the modern road bike is a technological marvel. Carbon meets aluminum, muscle meets metal. And records are broken as rubber lays waste to asphalt.





STRADA | A proven performer, the Strada lets you go fast without a furious outlay of cash. A light AN6 aluminum frame is teamed with a road-smoothing carbon fork. Shimano 105 components and Shimano R550 wheels keep things spinning nicely.

Frame: **AN6 aluminum** Fork: **EVO carbon** Crankset: **Shimano 105**

Drivetrain: **Shimano 105** Highlight: **Vittoria Rubino tires**

TRIONFO | Don't let the triple crank fool you: This is a race-ready thoroughbred. From the monocoque carbon fork to the Mavic Ksyrium Equipe wheels, this bike is made to go fast and hard. Butted main tubes and carbon stays erase all doubt—this thing's a rocket.

Frame: **AN6 butted aluminum w/ carbon seatstays** Fork: **EVO monocoque carbon** Crankset: **FSA carbon** Drivetrain: **Shimano Ultegra**

Highlights: **Stinky-fast, stinky-light**



The thoughtful geometry and component choices on these bikes come from thousands of hours of riding. The result is great-riding real-world bikes.

10:15am ... hammering, sweating, pushing yourself to the front as the group slowly but undeniably morphs into two ...



ROAD 20 05



FORZA | The latest addition to our family of new-school speed machines, the Forza is built for those who like to go fast and be comfortable. We thought it wasn't too much to ask for. You'll be able to dial in the perfect fit, too, thanks to the adjustable Ritchey stem. Frame: **6061 aluminum** Fork: **EVO carbon** Crankset: **Truvativ Touro** Drivetrain: **Shimano** Highlights: **Ritchey flat bar and stem, Vittoria Zaffiro tires**

7:12pm ... taking back the city streets, spinning through the cool evening air until you've achieved critical mass and explored every unfamiliar road ...

Both of these bikes combine road bike speed with the upright comfort and safety of flat bars. We started in 2003 with the eXpress, a bike folks loved from the moment we put it on the floor. For 2005, we've added the Forza. Long live freedom of choice!

EXPRESS | Some have called it the ultimate city bike, thanks to the combination of upright position and flat-out speed. But that would undersell its potential as an excellent choice for somebody getting ready for a triathlon or long group ride. Which, of course, would undersell its potential as a ripping-fast commuter bike. Are you sensing a theme here? Bottom line is that the eXpress is really what every bike should be: fast, light, versatile, and really fun to ride. A light AN6 aluminum frame, wicked-fast Shimano low-spoke-count wheels, and a carbon fork combine for a fast, smooth ride. Plus it's got racier road bikes beat, with rack mounts and fender-friendly tire clearance. Frame: **AN6 aluminum** Fork: **EVO carbon with aluminum steerer** Crankset: **Truvativ Elita** Drivetrain: **Shimano 105** Highlights: **Lightweight and fast Shimano R550 wheels, Ritchey adjustable stem and flat bar, puncture-resistant tires**

FLAT BAR ROAD 2005





CAREMA | Light and fast, like a road bike should be. But comfortable? You bet, thanks to a host of tweaks and careful planning. We start with the frame, making sure every tube is just the right size for the best fit.

Frame: **AN6 aluminum** Fork: **EVO carbon with aluminum steerer**
Crankset: **Shimano Sora** Drivetrain: **Shimano Sora/Tiagra**
Highlights: **Vittoria Zaffiro tires**

12:22pm ... a perfect escape, the lunch ride. Friendship, exercise and equal parts physical and mental catharsis ...



CAREMA PRO | Ready to crank it up a notch? The Carema Pro is upgraded with choice parts where it'll make the most difference. If you're thinking about racing or just like to go fast, here's your ride.

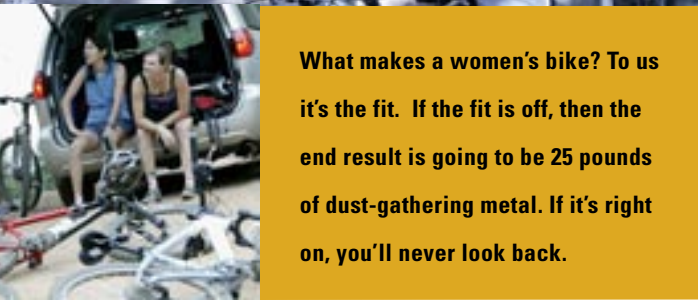
Frame: **AN6 aluminum** Fork: **EVO carbon with aluminum steerer** Crankset: **Shimano 105** Drivetrain: **Shimano 105** Highlights: **Ritchey bar and stem**



NO COMPROMISES, NO EXCUSES, NO PROBLEM

We often wonder why all bike makers don't offer women's bikes. Don't they know that a properly fitted bike makes riding so much more fun? We're sensing some unresolved issues with their mothers.





What makes a women's bike? To us it's the fit. If the fit is off, then the end result is going to be 25 pounds of dust-gathering metal. If it's right on, you'll never look back.

BLISS | Full suspension, built for women. Which means we've tweaked every detail and labored over every part so that it'll fit better. Which means you'll go faster, fly farther and want to go back out sooner. The Bliss features disc brakes, RockShox suspension front and rear, and WTB Epic Wolf tires. It's ready for the trails whenever you are.

Frame: **AN6 aluminum** Fork: **RockShox Judy C** Crankset: **Truvativ FiveD**
Drivetrain: **Shimano Deore LX/Alivio** Highlights: **Shimano disc brakes**





Disc brakes



PIEDRA | If you want to get out on the trails without a lot of hassle, then grab the Piedra and start going. A strong aluminum frame is paired with an RST suspension fork, and WTB Mutano Raptor tires provide fast-rolling yet sure grip.

Frame: **6061 aluminum** Fork: **RST Gila T5** Crankset: **Truvativ ISO-Flow**
Drivetrain: **Shimano Alivio/Acera** Highlight: **Superstrong 6061 frame**



3:30pm ... playing a fast game of follow the leader, time to think only of what lies ahead: the trail, the rock, the looming log-ride nemesis ...

Lots of little things have to work together to make a bike fit and ride right. Crank length, stem length and rise, seat choice and bar width all affect the overall feel of a bike. But no worries. We've taken care of it. You just keep your eyes on the trail.

BONITA | We built the Bonita supertough, ready to take whatever you throw at it. Show no mercy. Really. Its superbomber 6061 aluminum frame can take it. Plus, we matched it up with Manitou's Axel Comp fork, which will soak up anything really nasty that pops up on the trail. Rocks, roots, gophers. You name it. And lest you think we want you to crash headlong into a tree, we've hung a set of Shimano disc brakes to keep even the biggest downhills manageable. Of course, as on all of our women's bikes, we've dialed in the fit at all critical contact points. This includes Truvativ bar and stem, plus WTB's Speed She saddle, designed for women. Frame: **6061 aluminum** Fork: **Manitou Axel Comp** Crankset: **Truvativ FiveD** Drivetrain: **Shimano Deore/Alivio** Highlight: **Plush Manitou Axel Comp fork**

WOMEN'S MTB 2005





The Boulder Dushanbe Teahouse in Boulder, Colo.



10:30am ... grab the bike and go, heading down the road in search of a big breakfast and a cup of strong coffee ...



XR | Our top-end comfort bike gives you a beefy RockShox Metro fork to soak up bumps. A suspension seatpost treats your seat right, and the adjustable stem lets you decide how tall you sit in the saddle. Frame: **6061 aluminum** Fork: **RockShox Metro suspension** Crankset: **Truvativ FiveD** Drivetrain: **SRAM 5.0 9-speed**

CORSA | Like its big brother the XR, the Corsa is built for comfort. Big 700c wheels roll smooth and fast wherever you ride. Suspension fork and seatpost absorb bumps, and the adjustable stem gets the fit where you want it. Frame: **6061 aluminum** Fork: **RST CT-Com-1 suspension** Crankset: **Truvativ FiveD** Drivetrain: **SRAM 4.0 8-speed**





Available in
step-through
frame



METRO DELUXE | Getting out and starting to ride just got easier. All you gotta do is hop on the Metro Deluxe and start pedaling. Once you do you won't want to stop. We've thought of everything—fast-rolling 26" tires, a suspension fork and seatpost for a butter-smooth ride, and a comfortable seat. That way you'll come back for more. So hop on and get ready for a big ol' grin to start spreading across your face. Frame: **6061 aluminum** Fork: **RockShox Metro** Crankset: **Truvativ FiveD** Drivetrain: **SRAM 4.0/Shimano Acera 8-speed** Highlights: **Totally comfortable and fun!**

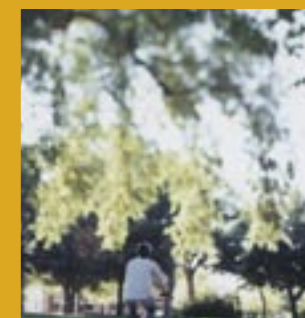


METRO | Head out into the sunshine, we say. Go find a park and take a nap. Head to the local coffee shop and hang out reading Kafka. Whatever. Just do it now before somebody else buys your Metro and starts living the good life that's really intended for you. Frame: **6061 aluminum** Fork: **RST CT-Com-1** Crankset: **Truvativ X-Flow** Drivetrain: **SRAM 3.0 7-speed** Highlights: **The cush sunshine push machine!**



11:10am ... to the farmers' market looking for wheat-free goodies and local organics ...

Somewhere along the way bikes became complicated. We say it's time to bring back simplicity, and these are the bikes that can do it. You just get on and ride, no fancy pants needed.



CLASSICS 2005



MINI BUZZ | Here's a single-speed as happy on the dirt as it is burning up the pavement. Built tough to take the trashing it craves, the Mini Buzz is a direct descendant of our bigger Buzz bikes. Check out the details, such as Kenda flame tires, flame grips and hot red paint. From jumping dirt berms to ripping down a trail or blasting to the park, the Mini Buzz is sure to be the choice ride.



SUPPORTING FUTURE RIPPERS EVERYWHERE

At Novara, we take our kids' bikes seriously. The careful attention to details makes sure they'll be riding them for years to come.





TRACTOR/MOXIE | Available in two versions, both share the same superstrong 6061 aluminum frame teamed up with 24" wheels. Great first trail bikes for young riders, these will hold up to the abuse that kids heap upon their bikes. Suspension forks smooth out rougher terrain, and a wide gear range provides ample choices for hitting the hills or trails. Excellent brakes keep it all under control.



3:17pm ... outta school, legs pumping, adrenaline flowing, eager eyes searching for the long way home ...



DIRT RIDER 20" 5-SPEED | Built for fun, this one features five speeds and sturdy 20" wheels. A great first geared bike for kids, it features a suspension fork and quality, reliable parts. And, at the risk of sounding like we're boasting, we have to say it's pretty sharp looking.

KIDS' 20 05

DIRT RIDER 20" SINGLE SPEED | Sometimes simple is best. With that in mind, we packaged simplicity into a bike that's ready to zoom the local trails and parks. All you gotta do is get 'em on and they'll ride!



24H



DIRT RIDER 16" | Who wants to ride a bike that doesn't look cool? No kid we know, that's for sure. But in addition to looking great, it's also got to hold up better than a department store bike. That's why Novara kids' bikes feature solid, sturdy construction, and come with reliable parts and accessories. Both the Dirt Rider 16" and 12" (which, incidentally, refers to the size of the wheels) come with both training wheels and a bell. Everything you need to get the next generation of bike riders started strong.



DIRT RIDER 12" | Similar to the Dirt Rider 16", but built for our smallest riders. Same sturdy construction, but available in either a yellow hornet or white-and-pink bunny treatment. It's our version of a personality test. As with the Dirt Rider 16", these bikes come with a bell and training wheels. The perfect first bike that'll make learning to ride fun for everybody.

9am ... the best way to start the day, TV off, and searching for unicorns in the fresh morning air ...



KIDS' 20
05

NOVARA BICYCLES 2005 SPECIFICATIONS

	Ponderosa FSL	Ponderosa FS	Ponderosa HT	Bonanza	Aspen	Buzz King B	Big Buzz	Buzz	Fusion	Safari	Randonee	Rivet	Element
Frame	AN6 aluminum full suspension	AN6 aluminum full suspension	AN6 aluminum	6061 aluminum	6061 aluminum	AN6 aluminum full suspension	7005 aluminum	7005 aluminum	6061 aluminum	7005 aluminum	Reynolds 520 chromoly	AN6 aluminum cyclocross	AN6 aluminum cyclocross
Fork	Fox FR 100mm	RockShox Judy TT	Manitou Axel Elite	Manitou Axel Comp	RST Gila T5	Manitou Black Super 90–120mm RTWD	Shaped alloy	Chromoly	Shaped alloy	Chromoly	Chromoly	Carbon cross	Alloy cross
Rear Shock	Fox Float R	RockShox BAR Air	—	—	—	Manitou Swinger Air SPV 190mm	—	—	—	—	—	—	—
Rims	WTB Laser Disc XC	Alex DH22	WTB Dual Duty XC	WTB Dual Duty XC	WTB Dual Duty XC	WTB SpeedDisc	WTB Dual Duty	Alex DH22	Alex ACE19	Mavic XM317	Mavic A319S	Ritchey Aero DS Comp	Ritchey Aero
Front Hub	WTB Laser Disc Lite	Shimano M475 disc	Shimano M475 disc	Formula alloy disc	Formula alloy	Shimano M475 disc	Shimano M475 disc	Formula alloy disc	Shimano Nexus Dynamo	Shimano Deore	Shimano Tiagra	Ritchey Comp 20H	Ritchey OE 32H
Rear Hub	WTB Laser Disc Lite	Shimano M475 disc	Shimano M475 disc	Formula alloy disc	Formula alloy	Shimano M475 disc	Shimano M475 disc	Formula alloy disc	Shimano Nexus 8-speed Internal	Shimano Deore	Shimano Tiagra	Ritchey Comp 24H	Ritchey OE 32H
Tires	WTB Epic Wolf Race 2.1	WTB Moto Raptor Comp 2.14	WTB WeirWolf Comp w/DNA 2.1	WTB WeirWolf Comp 2.1	WTB Mutano Raptor 2.14	Kenda Nevegal 2.35 Folding	Vittoria Randonneur 700x28	Vittoria Randonneur 26x1.75	Vittoria Randonneur 700x35	Continental Town & Country 26x1.9	Vittoria Randonneur 700x32	Geax Blade Cross 700x33	Ritchey SpeedMax Cross Comp
Front Derailleur	Shimano Deore LX	Shimano Alivio	Shimano Deore LX	Shimano Alivio	Shimano Acera	Shimano Deore LX	Shimano 2200	Shimano Alivio	—	Shimano Deore LX	Shimano Tiagra	Shimano Tiagra	Shimano 2200
Rear Derailleur	Shimano Deore XT	Shimano Deore LX	Shimano Deore XT	Shimano Deore	Shimano Alivio	Shimano Deore LX	SRAM X-7	SRAM 5.0	—	Shimano Deore LX	Shimano Tiagra	Shimano Ultegra	Shimano 105
F. Shift Lever	Shimano Deore LX x 3	Shimano Alivio x 3	Shimano Deore LX x 3	Shimano Alivio x 3	Shimano Alivio x 3	Shimano Deore x 3	SRAM X-7 Trigger x 2	SRAM 5.0 Twist x 2	—	SRAM Attack x 3	Shimano R500 x 3	Shimano 105 x 2	Shimano Tiagra x 2
R. Shift Lever	Shimano Deore LX x 9	Shimano Alivio x 8	Shimano Deore LX x 9	Shimano Alivio x 8	Shimano Alivio x 8	Shimano Deore x 9	SRAM X-7 Trigger x 9	SRAM 5.0 Twist x 9	Shimano Nexus 8-speed Revo	SRAM Attack x 9	Shimano R500 x 8	Shimano 105 x 9	Shimano Tiagra x 9
Rear Cogs	SRAM 7.0 11/32 x 9	SRAM 5.0 11/32 x 8	SRAM 7.0 11/32 x 9	Shimano Alivio 11/30 x 8	Shimano Alivio 11/30 x 8	SRAM 5.0 11/32 x 9	SRAM 7.0 11/34 x 9	SRAM 7.0 11/34 x 9	Shimano 19T	SRAM 7.0 11/34 x 9	SRAM 11/28 x 8	Shimano 105 12/25 x 9	SRAM PG-950 12/26 x 9
Crankset	Truvativ Stylo Team 42/32/22	Truvativ FiveD 42/32/22	Truvativ FireX 44a/32a/22	Truvativ FiveD 42/32/22	Truvativ ISO-Flow 42/32/22	Truvativ Blaze 36/24 w/Bash Guard	Truvativ Elita 48/39	Truvativ Blaze 38/28	Shimano Nexus NX80 Hollowtech 46T w/Guard	Shimano Deore 48/36/26	Shimano Tiagra 52/42/30	Ritchey Cross V Double 48/38	Truvativ Elita Cyclocross 48/39
Bottom Bracket	Giga X Drive	Truvativ	Truvativ ISIS	Truvativ	Truvativ	Truvativ ISIS	Truvativ ISIS	Truvativ ISIS	Shimano Square Taper	Shimano Deore Octalink	Shimano Tiagra	Shimano Ultegra	Truvativ ISIS
Chain	Shimano HG93	Shimano HG73	Shimano HG73	Shimano IG	Shimano IG	Shimano HG73	Shimano HG73	Shimano HG73	Shimano IG31	Shimano HG73	Shimano HG73	Shimano HG93	Shimano HG73
Pedals	—	Cage w/toe-clips	Shimano M520	Cage w/toe-clips	Cage	BMX cage	BMX cage	BMX cage	Alloy platform	Cage w/toe-clips	Platform w/toe-clips	Crank Brothers Candy C	Platform w/toe-clips
Headset	WTB Momentum Grease Guard	WTB Comp ST	FSA Orbit MX	WTB SC	WTB SC	FSA Orbit MX	FSA Internal	Ritchey Scuzzy Logic Comp	WTB SC	Ritchey Scuzzy Logic Comp	Ritchey Scuzzy Logic Comp	Ritchey Scuzzy Logic Comp	Ritchey Scuzzy Logic Comp
Handlebar	Ritchey Rizer Comp	Ritchey Rizer OE	Truvativ XR Riserbar	Truvativ LE Riserbar	Ritchey Rizer	Truvativ XR Riserbar	Truvativ XR Flatbar	Truvativ LE Riserbar	Kalloy Cozy Comfort Bar	Trekking	Ritchey Biomax	Ritchey Logic Pro Road	Truvativ XR Roadbar
Stem	Ritchey Pro	Ritchey	Truvativ XR 3D	Truvativ XR 3D	Ritchey	Truvativ XR 3D	Alloy	Alloy	Kalloy angle adjust	Ritchey angle adjust	Ritchey angle adjust	Ritchey Pro Road	Truvativ XR 3D
Saddle	WTB Pure V Race	WTB Speed V	WTB Pure V Race	WTB Speed V	WTB Speed V	WTB Pure V Comp	WTB Pure V Comp	WTB Pure V Comp	Velo Fast Comfort	Selle Royal Lookin	Selle Royal Lookin	Fi'zi:k Aliante Sport	WTB Pure V Race
Seatpost	Ritchey Comp	Alloy	Truvativ XR	Alloy	Alloy	Truvativ XR	Alloy	Alloy	Post Moderne suspension	Post Moderne suspension	Ritchey Comp V2	Ritchey Comp V2	Truvativ XR
Brakes	Avid CPS 7 disc	Hayes MX2 Mechanical	Avid Single Digit 5	Shimano M475 disc	Tektro Linear Pull	Hayes HFX9 Hydraulic	Avid CPS 7 disc	Hayes MX2 Mechanical	Rear: Shimano roller, front: Tektro	Shimano M420 Vee	Shimano R550 Cantilever	Avid Shorty 6	Avid Shorty 4
Brake Levers	Avid Speed Dial 7	Hayes HML1	Avid FR 5	Shimano M420	Tektro	Hayes HFX9 Hydraulic	Avid Speed Dial 7	Hayes HML1	Tektro w/comfort grip	Shimano Deore	Shimano R500	Shimano 105	Shimano Tiagra
Color(s)	Silver/Platinum	Shadow/Sunburst	Very Black/Colorado Red	Very Black/Bruise Blue	Very Black/Army Green	Very Black/Battleship	Split Pea	Rattlecan Black	Phil Green	Crystal Blue	Root Beer	Rust	Algae
Style #	715-802	715-798	715-793	715-789	715-786	715-803	715-870	715-869	715-871	715-883	715-882	715-885	715-884

Team Trionfo	Trionfo	Strada	eXpress	Forza	Carema Pro	Carema	Bliss	Bonita	Piedra	
AN6 triple-butted w/Columbus Muscle r. triangle	AN6 triple-butted w/carbon seatstays	AN6 aluminum	AN6 aluminum	6061 aluminum	AN6 aluminum	AN6 aluminum	Women's AN6 aluminum full suspension	6061 aluminum	6061 aluminum	Frame
Columbus Muscle carbon	EVO monocone carbon fiber	EVO carbon fiber	EVO carbon fiber w/alloy steerer	EVO carbon fiber	EVO carbon fiber w/alloy steerer	EVO carbon fiber w/alloy steerer	RockShox Judy C	Manitou Axel Comp	RST Gila T5	Fork
—	—	—	—	—	—	—	RockShox BAR Air	—	—	Rear Shock
Mavic Ksyrium SSC SL	Mavic Ksyrium Equipe	Shimano R550 wheels	Shimano R550 wheels	Shimano R500 wheels	Shimano R550 wheels	Alex ACE19	WTB SpeedDisc	WTB Dual Duty XC	WTB Dual Duty XC	Rims
Mavic	Mavic	Shimano	Shimano	Shimano	Shimano	Shimano Sora	Shimano M475 disc	Formula alloy disc	Formula Alloy	Front Hub
Mavic	Mavic	Shimano	Shimano	Shimano	Shimano	Shimano Sora	Shimano M475 disc	Formula alloy disc	Formula Alloy	Rear Hub
Vittoria Open Corsa CX 700x23	Vittoria Diamante Pro TT 700x23	Vittoria Rubino TT 700x23	Vittoria Randonneur 700x28	Vittoria Zaffiro 700x28	Vittoria Rubino TT 700x23	Vittoria Zaffiro 700x28	WTB Epic Wolf Race 1.95	WTB WeirWolf Comp 2.1	WTB Mutano Raptor 2.14	Tires
Shimano Dura-Ace	Shimano Ultegra	Shimano 105	Shimano R443-B	Shimano R443-B	Shimano 105	Shimano Sora	Shimano Alivio	Shimano Alivio	Shimano Acera	Front Derailleur
Shimano Dura-Ace	Shimano Ultegra	Shimano 105	Shimano 105	Shimano Sora	Shimano 105	Shimano Sora	Shimano Deore LX	Shimano Deore	Shimano Alivio	Rear Derailleur
Shimano Dura-Ace x 2	Shimano Ultegra x 3	Shimano 105 x 3	Shimano SL-R440 x 3	Shimano SL-R440 x 3	Shimano 105 x 3	Shimano R500 x 3	Shimano Alivio x 3	Shimano Alivio x 3	Shimano Alivio x 3	F. Shift Lever
Shimano Dura-Ace x 10	Shimano Ultegra x 9	Shimano 105 x 9	Shimano SL-R440 x 9	Shimano SL-R440 x 8	Shimano 105 x 9	Shimano R500 x 8	Shimano Alivio x 8	Shimano Alivio x 8	Shimano Alivio x 8	R. Shift Lever
Shimano Ultegra 12/25 x 10	Shimano Ultegra 12/25 x 9	Shimano 105 12/25 x 9	Shimano 105 12/25 x 9	Shimano 13/26 x 8	Shimano 105 12/25 x 9	Shimano Tiagra 12/25 x 8	SRAM 5.0 11/32 x 8	Shimano Alivio 11/30 x 8	Shimano Alivio 11/30 x 8	Rear Cogs
Shimano Dura-Ace 53/39	FSA Carbon Pro Elite 53/42/30	Shimano 105 52/42/30	Truvativ Elita 52/42/30	Truvativ Touro 52/42/30	Shimano 105 52/42/30	Shimano Sora 52/42/30	Truvativ FiveD 42/32/22	Truvativ FiveD 42/32/22	Truvativ ISO-Flow 42/32/22	Crankset
Shimano Hollowtech II	Shimano Ultegra	Shimano 105	Truvativ ISIS	Truvativ	Shimano 105	Shimano Sora	Truvativ	Truvativ	Truvativ	Bottom Bracket
Shimano Dura-Ace 10-speed	Shimano HG93	Shimano HG73	Shimano HG73	SRAM	Shimano HG73	Shimano HG73	Shimano HG73	Shimano IG	Shimano IG	Chain
—	—	—	Cage w/toe-clips	Cage w/toe-clips	Platform w/toe-clips	Platform w/toe-clips	Cage w/toe-clips	Cage w/toe-clips	Cage	Pedals
Ritchey Pro Internal	Ritchey Pro Internal	Ritchey Zero Stack Comp	FSA Cartridge Zero Stack	Ritchey Scuzzy Logic OE	Ritchey Scuzzy Logic Comp	Ritchey Scuzzy Logic Comp	WTB Comp ST	WTB SC	WTB SC	Headset
FSA Wing Pro (31.8mm)	FSA Wing Pro (31.8mm)	Ritchey Biomax Comp	Ritchey Pro Mountain	Ritchey Mountain	Ritchey Biomax Comp	Ritchey Biomax Comp	Ritchey Rizer Comp	Truvativ LE Riserbar	Ritchey Rizer	Handlebar
FSA OS w/carbon cap (31.8mm)	FSA OS w/carbon cap (31.8mm)	Ritchey Road Comp	Ritchey angle adjust	Ritchey angle adjust	Ritchey Road Comp	Ritchey Road Comp	Ritchey	Truvativ XR 3D	Ritchey	Stem
Selle San Marco Aspide	Selle San Marco Aspide	Selle San Marco Era Luxe	Fi'zi:k CP Pavé	Velo Fast Comfort	Fi'zi:k CP Vitesse	Fi'zi:k CP Vitesse	WTB Speed She	WTB Speed She	WTB Speed She	Saddle
FSA Carbon Fiber K-Force	FSA SL-220	Ritchey Comp	Ritchey Comp	Alloy	Ritchey Comp	Ritchey Comp	Ritchey	Alloy	Alloy	Seatpost
Shimano Dura-Ace	Shimano Ultegra	Shimano 105	Shimano A550 (57mm)	Tektro alloy (57mm)	Shimano 105	Shimano Sora	Shimano M475 disc	Shimano M475 disc	Tektro Linear Pull	Brakes
Shimano Dura-Ace	Shimano Ultegra	Shimano 105	Shimano R440	Tektro alloy	Shimano 105	Shimano R500	Shimano Deore	Shimano M420	Tektro Short Reach	Brake Levers
Silver/Platinum	Kingfisher Blue	Cappuccino	Barracuda	Ember	Mellow Yellow	Stellar Blue	Silver/Ice Blue	White/Powder Blue	Silver/Metallic Red	Color(s)
715-880	715-879	715-878	715-876	715-872	715-877	704-253	715-801	715-791	715-787	Style #



NOVARA BICYCLES 2005 SPECIFICATIONS

	XR	Corsa	Metro Deluxe	Metro	Mini Buzz	Tractor	Moxie	Dirt Rider 20" 5-spd	Dirt Rider 20" SS	Dirt Rider 16"	Dirt Rider 12"	
Frame	6061 aluminum	6061 aluminum	6061 aluminum	6061 aluminum	High-tensile steel	6061 aluminum	6061 aluminum	6061 aluminum	High-tensile steel	High-tensile steel	High-tensile steel	Frame
Fork	RockShox GPS Metro	RST CT-Com-1	RockShox GPS Metro	RST CT-Com-1	BMX uni-crown	RST Capa C5	RST Capa C5	RST Omni	BMX uni-crown	BMX uni-crown	BMX uni-crown	Fork
Rear Shock	—	—	—	—	—	—	—	—	—	—	—	Rear Shock
Rims	Alex ACE19	Alex X202	Alex ACE18	Alex X101	Steel	Alex	Alex	Alex	Alex	Steel	Steel	Rims
Front Hub	Formula alloy	Formula alloy	Formula alloy	Formula alloy	Steel	Steel	Steel	Steel	Steel	Steel	Steel	Front Hub
Rear Hub	Formula alloy	Formula alloy	Formula alloy	Formula alloy	Steel	Steel	Steel	Steel	Steel	Steel	Steel	Rear Hub
Tires	Kenda 700x40	Kenda 700x40	Kenda 26x1.95	Kenda 26x1.95	Kenda Street Rod 20x2.0	Kenda K831 24x1.95	Kenda K831 24x1.95	Kenda K831 20x2.0	Kenda K831 20x2.0	Kenda K50 16x1.75	Rubber	Tires
Front Derailleur	Shimano C102	Shimano C102	Shimano C050	Shimano C050	—	Shimano TY10	Shimano TY10	—	—	—	—	Front Derailleur
Rear Derailleur	SRAM 5.0	SRAM 4.0	SRAM 4.0	SRAM 3.0	—	Shimano TY15	Shimano TY15	Shimano TY22	—	—	—	Rear Derailleur
F. Shift Lever	SRAM 4.0 x 3	SRAM 3.0 x 3	SRAM 3.0 x 3	SRAM 3.0 x 3	—	Shimano RS31 x 3	Shimano RS31 x 3	—	—	—	—	F. Shift Lever
R. Shift Lever	SRAM 4.0 x 9	SRAM 3.0 x 8	SRAM 3.0 x 8	SRAM 3.0 x 7	—	Shimano RS31 x 5	Shimano RS31 x 5	Shimano RS31	—	—	—	R. Shift Lever
Rear Cogs	Shimano HG 11/34 x 9	Shimano Acera 11/30 x 8	Shimano Acera 11/30 x 8	Shimano 11/34 x 7	16T	Shimano 14/28 x 5	Shimano 14/28 x 5	Shimano 14/28 x 5	16T	16T	16T	Rear Cogs
Crankset	Truvativ FiveD 48/38/28	Truvativ FiveD 48/38/28	Truvativ FiveD 42/32/22	Truvativ X-Flow 42/34/24	Steel 32T	Shimano C050 42/34/24	Shimano C050 42/34/24	Steel 40T	Steel 40T	Steel 32T	Steel 28T	Crankset
Bottom Bracket	Truvativ	Truvativ	Truvativ	Truvativ	Steel	Shimano	Shimano	Steel	Steel	Steel	Steel	Bottom Bracket
Chain	KMC/Shimano IG	KMC/Shimano IG	KMC/Shimano IG	KMC/Shimano IG	KMC	KMC	KMC	KMC	KMC	KMC	KMC	Chain
Pedals	Comfort platform	Comfort platform	Comfort platform	Comfort platform	Wellgo resin body	Wellgo resin body	Wellgo resin body	Wellgo resin body	Wellgo resin body	Wellgo resin body	Wellgo resin body	Pedals
Headset	WTB SC	WTB SC	WTB SC	WTB SC	Steel	WTB	WTB	Steel	Steel	Steel	Steel	Headset
Handlebar	Alloy	Alloy	Alloy	Alloy	Steel BMX	Alloy	Alloy	Steel	Steel	Steel BMX	Steel BMX	Handlebar
Stem	Kalloy angle adjust	Kalloy angle adjust	Kalloy angle adjust	Kalloy angle adjust	Steel BMX threadless	Alloy threadless	Alloy threadless	Steel	Steel	Steel BMX	Steel BMX	Stem
Saddle	Velo Comfort	Velo Comfort	Velo Comfort	Velo Comfort	Velo VL-7034	Velo VL-5028	Velo VL-5028	Velo VL-5028	Velo VL-5028	Velo VL-5020	Yes	Saddle
Seatpost	Post Moderne suspension	Post Moderne suspension	Post Moderne suspension	Post Moderne suspension	Steel	Alloy	Alloy	Steel	Steel	Steel	Steel	Seatpost
Brakes	Tektro Linear Pull	Tektro Linear Pull	Tektro Linear Pull	Tektro Linear Pull	Tektro	Tektro	Tektro	Tektro	Tektro and rear coaster	Rear coaster	Rear coaster	Brakes
Brake Levers	Tektro w/comfort grip	Tektro w/comfort grip	Tektro w/comfort grip	Tektro w/comfort grip	Tektro	Tektro	Tektro	Tektro	Tektro (rear only)	—	—	Brake Levers
Colors	Silver/Smoke	Metallic Blue	Root Beer	Metallic Red	Scab	Black/Gravel	Pearl/Twinkle Blue	Silver/Blue Black/Gravel	Pearl/Maui Blue Black/Yellow	Pearl/Purple Black/Blue Flame	Go-Go Pink Screamin' Yellow	Color(s)
Style #	704-264	704-265	715-804	704-263	715-897	715-893	715-894	715-892	715-891	715-890	715-886	Style #

Specifications subject to change.

GEOMETRY

Model	Ponderosa FS1 & FS				Buzz King B				Ponderosa HT				Aspen				Bonanza				Buzz				
Size	15"	17"	19"	14"	16"	18"	13"	15"	17"	15"	17"	19"	15"	17"	19"	15"	17"	19"	17"	19"	21"				
Seat Tube Center-Top	17.4	19.4	21.4	16.2	18.6	20.6	15.0	17.0	19.0	20.9	17.0	19.0	20.9	17.0	19.0	20.9	17.2	19.2	21.2	23.0					
Seat Tube Center-Center	15.0	17.0	19.0	14.0	16.0	18.0	13.0	15.0	17.0	19.0	15.0	17.1	19.0	15.0	17.1	19.0	15.0	17.1	19.0	21.0					
Top Tube	21.6	22.2	22.9	21.6	22.2	22.8	21.2	22.0	22.6	23.3	21.6	22.0	22.5	21.6	22.0	22.5	20.4	20.8	21.5	22.1					
Stand-Over	29.2	30.6	31.8	29.6	31.0	31.6	28.6	29.0	30.4	31.7	29.4	30.8	32.1	29.8	31.0	32.3	27.5	28.5	30.2	31.5					
Rear Center	16.7	16.7	16.7	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.7	16.7	16.7	16.7					
Front Center	24.8	25.4	25.7	25.9	26.5	27.0	23.7	24.7	25.2	25.7	24.2	24.6	25.0	24.2	24.6	25.0	23.3	23.4	24.1	24.5					
Wheelbase	41.6	42.1	42.4	42.8	43.4	44.0	40.6	41.5	42.0	42.5	41.0	41.4	41.9	41.0	41.4	41.9	40.0	40.0	40.7	41.2					
Offset	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	2.0	2.0	2.0	2.0					
Head Tube Angle	71	71.0	71.0	69	69	69	71.0	71.0	71.0	71.0	71	71	71	71	71	71	72	72	72	72					
Seat Tube Angle	73	73	73	73.5	73.5	73.5	72	72	72	72	72	72	72	72	72	72	73	73	73	73					
Model	Big Buzz				Fusion				Rivet				Randonee				Safari								
Size	14"	16"	18"	20"	16"	18"	20"	Step-thru	52cm	54cm	56cm	58cm	47cm	52cm	55cm	59cm	13"	15"	17"	19"	21"				
Seat Tube Center-Top	16.2	18.0	20.0	22.0	18.0	20.0	22.0	17.0	57.5	59.5	61.5	63.5	50.2	54.9	58.5	62.1	15.0	17.0	19.0	21.0	23.0				
Seat Tube Center-Center	14.0	16.0	18.0	20.0	16.0	18.0	20.0	15.0	52.0	54.0	56.0	58.0	47.0	51.8	55.4	59.0	13.0	15.0	17.1	19.0	21.0				
Top Tube	21.0	21.5	22.5	23.0	21.7	22.2	22.5	22.6	53.0	53.5	55.0	56.5	52.4	54.6	56.5	58.0	21.1	21.5	22.2	23.0	23.8				
Stand-Over	29.3	30.1	31.3	32.2	29.0	30.5	32.0	25.0	79.6	81.4	83.2	85.0	78.9	81.2	83.8	87.2	26.4	28.5	29.7	31.0	32.3				
Rear Center	17.1	17.1	17.1	17.1	17.2	17.2	17.2	17.2	42.5	42.5	42.5	42.5	43.5	43.5	43.5	43.5	16.9	16.9	16.9	16.9	16.9				
Front Center	24.0	24.5	25.3	25.5	24.2	24.6	24.8	23.7	58.9	58.1	59.6	61.2	58.8	59.9	60.4	61.90	23.8	24.0	24.6	25.1	25.4				
Wheelbase	41.0	41.3	42.2	42.3	41.4	41.8	42.0	40.9	100.5	100.6	101.2	102.8	101.3	102.4	103.0	104.5	40.6	40.9	41.4	41.9	41.9				
Offset	2.2	2.2	2.2	2.2	1.7	1.7	1.7	1.7	4.5	4.5	4.5	4.5	5.5	5.5	5.5	5.5	2.0	2.0	2.0	2.0	2.0				
Head Tube Angle	72	72	72	72	72.0	72.0	72.0	72.0	71.0	72.0	72.0	72.0	72	72	72	72	72	72	72	72	72				
Seat Tube Angle	73	73	73	73	73.0	73.0	73.0	73.0	74.0	73.5	73.5	73.5	73	73	73	73	73	72	72	72	72				
Model	Element				Piedra				Bonita				Bliss				Carema Pro								
Size	48cm	52cm	54cm	56cm	58cm	12"	13.5"	15"	12"	13.5"	15"	12"	13.5"	15"	38cm	41cm	45cm	48cm	53cm						
Seat Tube Center-Top	53.5	57.5	59.5	61.5	63.5	17.0	19.0	20.9	17.0	19.0	20.9	14.0	19.0	20.9	42.5	45.5	49.5	52.5	57.5						
Seat Tube Center-Center	48.0	52.0	54.0	56.0	58.0	15.0	17.1	19.0	15.0	17.1	19.0	12.0	17.1	19.0	38.0	41.0	45.0	48.0	53.0						
Top Tube	51.6	53.2	53.6	55.1	56.6	21.6	22.0	22.5	21.6	22.0	22.5	20.5	22.0	22.5	51.3	51.6	52.6	53.0	53.8						
Stand-Over	77.8	79.6	81.4	83.2	85.0	27.0	28.5	29.3	27.2	28.7	29.5	27.6	29.1	29.9	67.5	70.3	74.1	76.9	81.7						
Rear Center	42.5	42.5	42.5	42.5	42.5	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9	40.5	40.5	40.5	40.5	40.5						
Front Center	57.8	58.9	58.1	59.6	61.2	24.2	24.6	25.0	24.2	24.6	25.0	23.7	24.6	25.0	57.2	57.2	57.6	57.6	57.6						
Wheelbase	99.5	100.5	100.6	101.2	102.8	41.0	41.4	41.9	41.0	41.4	41.9	40.6	41.4	41.9	96.9	96.9	97.3	97.3	97.3						
Offset	4.5	4.5	4.5	4.5	4.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	4.5	4.5	4.5	4.5	4.5						
Head Tube Angle	71.0	71.0	72.0	72.0	72.0	71	71	71	71	71	71	71	71	71	71	73.0	73.0	73.0	73.0	73.0					
Seat Tube Angle	74.0	74.0	73.5	73.5	73.5	72	72	72	72	72	72	73.5	72	72	74.0	74.0	74.0	74.0	74.0	74.0					
Model	Carema				Forza				eXpress				Strada												
Size	38cm	40cm	43cm	47cm	50cm	47cm	52cm	55cm	59cm	47cm	52cm	55cm	59cm	47cm	51cm	55cm	57cm	60cm							
Seat Tube Center-Top	42.0	44.0	47.0	51.0	54.0	51.6	56.3	61.5	63.5	51.5	56.5	59.5	63.5	52.0	56.0	60.0	62.0	64.5							
Seat Tube Center-Center	38.0	40.0	43.0	47.0	50.0	47.0	52.0	56.0	58.0	47.0	52.0	55.0	59.0	47.5	51.5	55.5	57.5	60.0							
Top Tube	51.4	51.6	53.4	53.4	53.4	52.7	5.0	55.0	56.5	52.5	54.5	56.5	58.0	53.0	55.0	56.9	58.0	59.7							
Stand-Over	66.2	67.5	68.4	76.4	77.9	76.5	80.1	83.5	87.1	76.0	79.8	82.5	86.1	76.4	79.8	83.6	85.6	88.3							
Rear Center	40.5	40.5	40.5	40.5	40.5	42.5	42.5	42.5	42.5	43.0	43.0	43.0	43.0	40.5	40.5	40.5	40.5	40.5							
Front Center	57.2	57.2	58.5	58.5	58.5	57.4	58.3	58.6	61.2	60.1	60.1	60.9	61.5	57.1	59.0	61.0	62.1	63.9							
Wheelbase	96.9	96.9	98.6	98.6	98.6	98.9	99.8	101.2	102.8	102.1	102.1	102.9	103.5	96.8	98.6	100.6	101.7	103.5							
Offset	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5							
Head Tube Angle	73.0	73.0	73.0	73.0	73.0	72.0	72.0	72.0	72.0	71.0	71.0	72.0	72.5	73.0	73.0	73.0	73.0	73.0	73.0						
Seat Tube Angle	74.0	74.0	74.0	74.0	74.0	74.0	73.5	73.5	73.5	75.0	74.0	73.5	73.0	74.0	74.0	74.0	74.0	74.0	74.0						
Model	Team Triomto, Triomto				Metro, Metro Deluxe				Corsa, XR																
Size	48cm	50cm	52cm	54cm	56cm	58cm	60cm	62cm	12"	13.5"	15"	17"	19"	Step-thru	12.75"	14"	16"	18"	20"						
Seat Tube Center-Top	52.5	53.0	53.6	54.5	55.8	57.0	57.4	58.0	14.0	15.6	17.0	19.0	21.0	17.0	14.7	16.0	18.0	20.0	22.0						
Seat Tube Center-Center	48.0	50.0	52.0	54.0	56.0	58.0	60.0	62.0	12.0	13.5	15.0	17.0	19.0	15.0	12.7	14.0	16.0	18.0	20.0						
Top Tube	52.2	54.5	56.5	58.5	60.5	62.5	64.5	66.5	19.9	19.8	20.8	21.8	22.3	22.1	20.8	20.9	21.2	21.9	22.1						
Stand-Over	76.7	77.9	79.2	80.9	82.7	84.5	86.2	88.3	26.2	27.5	28.7	30.4	31.7	24.0	28.5	29.3	30.1	31.3	32.2						
Rear Center	40.3	40.3	40.3	40.5	40.7	40.7	40.9	40.9	16.9	16.9	16.9	16.9	16.9	16.9	17.3	17.3	17.3	17.3	17.3						
Front Center	56.4	57.0	57.7	58.2	59.2	59.7	59.6	60.2	22.8	23.0	24.2	24.6	25.0	24.2	23.4	23.8	24.2	24.6	24.8						
Wheelbase	95.4	96.1	96.7	97.2	98.7	99.2	99.3	99.9	39.7	39.9	41.0	41.4	41.8	41.0	40.6	40.9	41.3	41.7	41.9						
Offset	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	1.7	1.7	1.7	1.7	1.7	1.7	1.8	1.8	1.8	1.8	1.8						
Head Tube Angle	73.0	73.0	73.0	73.0	73.0	73.5	73.5	73.5	71	71	71	71	71	71	71	71	71	71	71						
Seat Tube Angle	74.5	74.5	74.5	74.0	73.5	73.5	73.0	73.0	74	74	74	72	72	74	73	73	73	72	72						



Avi Mahan puts the new Tractor through a hard test session at Lincoln Park.



Sarah Miller and Lorena Zimmer test Novara's hydration packs. Check out novarabike.com for all the details on new Novara products and bikes—plus see what's going on in the world of Novara.



It's easy to join the Novara tribe. Just get out and ride.



The Mahan boys light it up.



NOVARA

When we talk about "Never a bad time to ride," we speak from experience. From our daily lunch ride to racing road, mountain and cyclocross, the Novara team logs thousands of miles every year. That's why we're so confident you'll love the ride of your Novara bike, the function of your Novara hydration pack or any of the cool Novara products you can get exclusively at REI. So feel the love and next time you're in Seattle, come out and ride with us.



Novara Product Line Manager Steve Gluckman logged over 7,000 miles in 2004 on all kinds of bikes so that your Novara would be great. Is that dedication, or what?



REI Product Manager Brian Foley leads the squadra.



Although 2005 is the first year Novara has built cyclocross bikes, we've been part of the scene for years, sponsoring local races and generally getting dirty in the mud. Kevin Myette, Director of Business Operations, hops a barrier at South Seatac Park.