



SEASON 2015

INNOVATION DEFINED





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Pic Front Cover
Cedric Ravanel and Gatien Pernet
Team GT Pulse Session
 Photo Credit: Julien Barety

WELCOME TO AMERICAN CLASSIC

American Classic is the bicycle industry leader in the wheel and component design arena. We embrace improvement, fearlessly fusing engineering technology, quality and style into our product line. We are actively shaping the future of the bicycle industry and not sitting still to react to what others do.

Bill Shook, the founder and engineer of American Classic leaves the beaten path to seek new and innovative ways to improve bicycle technology with the single-minded purpose of making bicycle sport enjoyable for all who want to ride and race. We remain true to that chosen path. We strive for excellence and pave the way for a successful tomorrow with big picture creative thinking with you, the cyclist, in mind. Bill started riding at the age of 14. He trained hard and became a champion road and track cyclist, earning a place on the US National Team. While racing, Bill started his design career building his projects in his Dad's garage. In 1974, he created and fabricated the first large tube aluminum bicycle in the world and raced it all

over the country. While racing professionally, Bill strove to find the best equipment, the lightest tires and rims. In the 1970's in the US, fine equipment was hard to find and that is what sparked the idea of American Classic — a place where Bill could design and distribute high performance components for riders every where. After retiring from a successful racing career, Bill received a master's degree in mechanical engineering from Ohio State University. Now he had the engineering expertise and everything was in place for American Classic to become a reality. In 1982, the first products were new concepts, the lightweight water bottle cage and the revolutionary lightweight adjustable seatpost. The rest is history. American Classic now has two facilities including our own testing and quality control center, rim factory and wheel building and assembly plant. American Classic has a broad variety of unique designs in all disciplines including road, track, triathlon, cyclocross, trekking, cross country, all mountain, downhill and handcycling. All this, because Bill couldn't find the right wheels to race in the 70's.



COMPANY

INNOVATION DEFINED

THE FINE ART OF ENGINEERING

American Classic continues to change the face of cycling componentry to improve your cycling experience. To build something truly different American Classic's engineer, Bill Shook and our technical staff work together through every stage of product development and production. It's a partnership that makes innovation possible and that's exactly how our new products were created.

Our Collection is the culmination of three decades of research, development, testing and results bringing the world's fastest, most advanced wheels to you. We are ahead of the curve this year with our ever expanding selection. We feature wide tubeless ready wheels and rims for road and mountain, road disc brake options and carbon. Our hubs offer all thru axle disc options and new 11 speed cassette bodies for road and mtb disc. You name it, we've got it and more.

This has been a busy year of creating new technology. Our time tested road Sprint 350 is better than ever as it is now tubeless ready. Carbonator is AC's new all carbon tubeless mountain bike wheel available in 27.5 and 29. These new wheels are for the competitive rider determined to reach maximum riding potential.





ROAD
WHEELS

AC ROAD TUBELESS TECHNOLOGY

THE LEADER IN TUBELESS TECHNOLOGY

AC tubeless wheels take rim technology to the next level. Our mountain bikers are successfully riding and racing tubeless, and now this innovation is available for our AC road riders. Our tubeless wheels are set up with a base layer of AC fiber tape covering the spoke holes and two layers of AC honey colored tape to seal the rim. Next, install tubeless ready clincher tires and pump liquid sealant into the system through our proven AC valves. The liquid sealant replaces the conventional tube.

You may ask how our tubeless system works. Bill Shook designed the rim with a bead barb running along the edge of the bead shelf. When installed, the tire firmly pops into position over the bead barb. The tire bead centers and tightly grips the circumference of the rim creating a sealed environment to hold the liquid sealant without burping.

The number one reason to run tubeless wheels is to avoid flat tires. In the event of a puncture, the sealant quickly fills and closes small holes in the tire preventing flats caused by glass, metal and other debris. Pinch flats can not occur as the tube is not part of the system.

Our tubeless system is about speed. It lowers wheel weight at the extreme outer edge of the rim resulting in lower rolling resistance and better performance. In a traditional clincher set up, the tire and tube interface moves as the wheel rolls, creating friction and energy loss. With the AC tubeless set up, there is no frictional energy loss between the tire and tube because the tube is gone. Liquid sealant is lighter than a tube. You can ride lighter weight tires with our tubeless system because you don't have to use tires made with heavy, inflexible puncture layers. Overall, our tubeless system is lighter and the wheel will spin up faster with less rider energy output. And the best part is flat tires are past history.





WIDE RIMS IMPROVE CYCLING PERFORMANCE

THE SPIRIT OF INNOVATION

Everybody is talking about wider rims for both road and mountain bike. What does it really mean for you, the rider? There are a few wide rim profiles on the market but they are either heavy, or too light and flexy. Bill Shook used his mathematical abilities to design our revolutionary wide rims, attaining the goal of being light, stiff, strong, aerodynamic and wide, all in one rim. To start, wide rims mean riding lighter, smaller performance tires with cushiony, high air volume and firm surface grip. Larger width tires offer more air volume but they are heavy with a sluggish ride quality. The desired combined wheel and tire qualities are achieved by stretching out the smaller tire casing on a wide rim and effectively making the tire bigger.

Also, smaller tires on wide rims reduce tire roll on the rims. With a narrow rim and a wide tire, the rim floats from side to side on the tire. Using a wider rim with a smaller tire minimizes float for improved handling, confidence and control. The rim is lower weight at the extreme outer edge of the wheel decreasing rolling resistance and boosting speed. Our wider, lighter rims translate into crisp accelerations, firm ground control, faster rolling on the flats and decisive handling for the extra edge needed by competitive athletes.



ARGENT ROAD TUBELESS

SERIES 3

DISCIPLINE Road **RIMS** Argent Road Tubeless 390gr Aluminum Clincher Rims 700c **SPOKES** AC Bladed Spokes Black / AC Aluminum Nipples Silver / 18h Radial Front / 24h 3-Cross Drive, Radial Non-Drive Rear **WEIGHT FRONT** 586gr **REAR** 786gr **PAIR** 1372gr **HUBS/SPACING FRONT** Micro 58 100mm **REAR** AC High-Low 130mm / Rear Spline Shimano/SRAM 10/11 or Campagnolo 10/11 **INCLUDED** AC Tubeless Road Tape Installed / AC Tubeless Valves **QUICK RELEASE** Cromoly QR's **UPGRADES** Ceramic Bearings / Ti QR's / Wheel Bag
Can be ridden with regular tire and tube



ARGENT ROAD TUBELESS

DISC

DISCIPLINE Road / Cyclocross **RIMS** Argent Road Tubeless 390 gr Aluminum Clincher Disc Rims 700c **SPOKES** AC Bladed Spokes Black / AC Aluminum Spoke Nipples Silver / 24h 2-Cross Front and Rear **WEIGHT FRONT** 708gr **REAR** 823gr **PAIR** 1531gr **HUBS/SPACING FRONT** Disc 130 100mm / 15mm Thru Axle Disc 100mm / 9mm Thru Axle Disc 100mm **REAR** Disc 225 135mm / 10mm x 135mm Thru Axle Disc / 142mm Thru Axle Disc / Shimano/SRAM 10/11 or Campagnolo 10/11 **BRAKE INTERFACE** 6 Bolt International Standard **INCLUDED** AC Tubeless Tape Installed AC Tubeless Valves **QUICK RELEASE** Cromoly QR's **UPGRADES** Ceramic Bearings / Titanium QR's / Wheel Bag / Thru Axle QR's
Can be ridden with regular tire and tube



ROAD TUBELESS

SERIES 3

DISCIPLINE Road **RIMS** Road Tubeless 310gr Aluminum Clincher Rims 700c **SPOKES** AC Race Blade 14/16 Gauge Spokes Black / AC Aluminum Nipples Silver / 24h Radial Front / 24h 3-Cross Drive, Radial Non-Drive Rear **WEIGHT FRONT** 543gr **REAR** 689gr **PAIR** 1232gr **HUBS/SPACING FRONT** Micro 58 100mm **REAR** AC High-Low 130mm / Rear Spline Shimano/SRAM 10/11 or Campagnolo 10/11 **INCLUDED** AC Tubeless Road Tape Installed / AC Tubeless Valves **QUICK RELEASE** Cromoly QR's **UPGRADES** Ceramic Bearings / Ti QR's / Wheel Bag / For race or special event use // Can be ridden with regular tire and tube



MAGNESIUM CLINCHER

SERIES 3

DISCIPLINE Road **RIMS** Magnesium 300gr Clincher Rims 700c **SPOKES** AC Race Blade 14/16 Gauge Spokes Black / AC Aluminum Nipples Silver / 24h Radial Front / 24h 3-Cross Drive, Radial Non-Drive Rear **WEIGHT FRONT** 540gr **REAR** 686gr **PAIR** 1226gr **HUBS/SPACING FRONT** Micro 58 100mm **REAR** AC High-Low 130mm / Rear Spline Shimano/SRAM 10/11 or Campagnolo 10/11 **INCLUDED** Kool Stop All-Weather Brake Pads **QUICK RELEASE** Cromoly QR's **UPGRADES** Ceramic Bearings / Ti QR's / Wheel Bag
For race or special event use



HURRICANE ROAD TUBELESS

DISCIPLINE Road / Cyclocross / Trekking / Urban **RIMS** Hurricane Tubeless 400gr Aluminum Clincher Rim Brake Rims 700c **SPOKES** AC 14/15 Gauge Spokes Black / AC Aluminum Spoke Nipples Silver / 32h 3-Cross Front and Rear **WEIGHT FRONT** 736gr **REAR** 844gr **PAIR** 1580gr **HUBS/SPACING** Gray Color **FRONT** 105 100mm **REAR** RD 205 130mm Shimano/SRAM 10/11 or Campagnolo 10/11 **QUICK RELEASES** Cromoly QR's **UPGRADES** Ceramic Bearings / Titanium QR's / Wheel Bag // Can be ridden with regular tire and tube



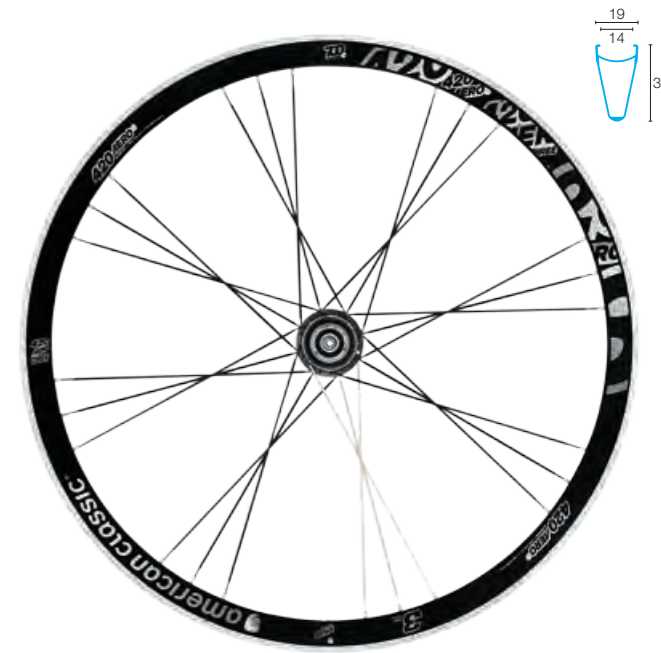
HURRICANE ROAD TUBELESS DISC

DISCIPLINE Road / Cyclocross / Trekking / Urban **RIMS** Hurricane Tubeless 400gr Aluminum Clincher Disc Rims 700c 32h 3-Cross Front and Rear **SPOKES** AC 14/15 Gauge Spokes Black / AC Aluminum Spoke Nipples Silver / 32h 3-Cross Front and Rear **WEIGHT FRONT** 768gr **REAR** 878gr **PAIR** 1646gr **HUBS/SPACING** Gray Color **FRONT** Disc 130 100mm / 15mm Thru Axle Disc 100mm / 9mm Thru Axle Disc 100mm **REAR** Disc 225 135mm / 10mm x 135mm Thru Axle Disc / 142mm Thru Axle Disc / Shimano/SRAM 10/11 or SRAM XX1 **BRAKE INTERFACE** 6 Bolt International Standard **INCLUDED** AC Tubeless Tape Installed / AC Tubeless Valves **QUICK RELEASES** Cromoly QR's **UPGRADES** Ceramic Bearings / Titanium QR's / Wheel Bag / Thru Axle QR's // Can be ridden with regular tire and tube



420 AERO TRACK

DISCIPLINE Track / Road **RIMS** 420gr 34mm Aluminum Clincher Rims 700c **SPOKES** AC Bladed Spokes Black / AC Aluminum Nipples Silver / 18 Radial Front / 24h 2-Cross Rear **WEIGHT FRONT** 745gr **REAR** 840gr **PAIR** 1585gr **HUBS/SPACING FRONT** Track 100mm **REAR** Track 120mm, Fixed Only **INCLUDED** Shook Integrated Bolt System / Lock Ring **EXTRAS** Ceramic Bearings / Wheel Bag



420 AERO 3 BLACK

DISCIPLINE Road / Triathlon / Cyclocross **RIMS** 34mm Deep Section 420gr Aluminum Clincher Rims 700c **SPOKES** AC Bladed Spokes Black / AC Aluminum Nipples Silver / 18h Radial Front / 24h 3-Cross Drive, Radial Non-Drive Rear **WEIGHT FRONT** 663gr **REAR** 867gr **PAIR** 1530gr **HUBS/SPACING FRONT** Micro 58 100mm **REAR** AC High-Low 130mm / Rear Spline Shimano/SRAM 10/11 or Campagnolo 10/11 **QUICK RELEASE** Hubs **UPGRADES** Cromoly QR's / Ceramic Bearings / Ti QR's / Wheel Bag



ALUMINUM TUBULAR

DISC AND RIM BRAKE

DISCIPLINE Road / Cyclocross **RIMS** AC 400gr Aluminum Tubular Disc or Rim Brake Rims 700c **SPOKES** AC 14/15 Gauge Spokes Black / AC Aluminum Nipples Silver / 32h 3-Cross Front and Rear **WEIGHT** **DISC BRAKE** Front 722 gr / Rear 849 gr / Pair 1571 gr **RIM BRAKE** Front 697 gr / Rear 829 gr / Pair 1526 gr **HUBS/SPACING** **DISC BRAKE** 6 Bolt / Front Disc 130 100mm / 15mm Thru Axle Disc 100mm / 9mm Thru Axle Disc 100mm / Rear Disc 225 135mm / 10mm x 135mm Thru Axle Disc / 142mm Thru Axle Disc / Rear Spline Shimano/SRAM 10/11 or SRAM XX1 **RIM BRAKE** Front 105 100mm / Rear RD 205 130mm / Rear Spline Shimano/SRAM 10/11 or Campagnolo 10/11 **QUICK RELEASE** Cromoly QR's **UPGRADES** Ceramic Bearings / Titanium QR's / Wheel Bag

14 / ROAD WHEELS

NEW

SPRINT 350

TUBELESS

DISCIPLINE Road **RIMS** Sprint 350 Tubeless 350gr Aluminum Clincher Rim Brake Rims 700c **SPOKES** AC 14/15 Gauge Spokes Black / AC Aluminum Spoke Nipples Silver / 28h Radial Front / 32h 3-Cross Rear **WEIGHT** **FRONT** 598 gr **REAR** 798 gr **PAIR** 1396 gr **HUBS/SPACING** Gray Color **FRONT** Micro 58 100 mm **REAR** RD 205 130 mm Shimano/SRAM 10/11 or Campagnolo 10/11 **QUICK RELEASES** Cromoly QR's **UPGRADES** Ceramic Bearings / Titanium QR's / Wheel Bag // Can be ridden with regular tire and tube



Madi Serpico
Triathlete

Photo credit: Jordan Bryden



WHAT IS UNIQUE ABOUT SERIES 3 CARBON

AMERICAN CLASSIC HAS ENTIRE NEW LINE OF CARBON FIBER WHEELS, ENGINEERED INSIDE AND OUT FOR TOP PERFORMANCE.

Carbon fiber is composed of extremely thin, bonded fiber made of carbon atoms. Thousands of carbon fibers are bundled together into cloth-like sheets. The sheets are combined with plastic resin. The sheets are placed into a mold with the fibers oriented in specific directions to create the desired characteristics of strength, stiffness or flexibility for the completed rim. Carbon fiber is used in wheels because of the high strength-to-weight ratio, low weight and the ability to mold the sheets into aerodynamic shapes. The subject of intense study in cycling, aerodynamics is the air flow over and around your wheels, bike and body as you ride. The goal of aerodynamics is to reduce the wind resistance called drag on your equipment, so the rider slices through the air and goes faster. At slow speeds, there is smooth air flow called laminar flow. As speed increases, the laminar flow turns to turbulent flow. There is a "sweet spot," the point of reduced drag, when the air begins to tumble over and across the wheel surfaces in turbulent flow. The key to top carbon fiber wheel design is to produce rim shapes that optimize, capture and maintain the aerodynamic sweet spot for each rim depth.

The engineering process on our carbon fiber rims starts from the inside, dictating the direction and lay up of the fibers to form stronger internal spoke beds for structural integrity and stiffness. The outside of each wheel is designed with unique features for aerodynamic performance to achieve the "sweet spot". There is a gentle curved shape down to the spoke bed minimizing drag by bringing the air flow back together without turbulence. Each shape creates air pressure fluctuations causing a ripple effect to induce turbulent air flow to reduce drag at higher speeds. The large, smooth carbon surfaces bring air back together reducing cavitation behind the spokes. The new lightweight Carbon TT Disk is the ultimate in aerodynamics with lenticular skins to sustain the sweet spot for maximized power output.

CASSETTE SPLINES

There are many new cassette spline standards on the market. American Classic offers them all! [SHIMANO/SRAM 11 FOR ROAD AND DISC](#) / [CAMPAGNOLO 10/11](#) / [SRAM XX1](#)



CARBON 40 ALL CARBON CLINCHER

DISCIPLINE Road / Triathlon **RIMS** Carbon 40mm Series 3 All Carbon Clincher Rims 700c
SPOKES AC Bladed Spokes Black / AC Aluminum Spoke Nipples Silver / 18h Radial Front
 24h 3-Cross Drive / Radial Non-Drive Rear **WEIGHT FRONT** 616gr **REAR** 801gr **PAIR** 1417gr
HUBS/SPACING Gray Color **FRONT** Micro 58 100mm **REAR** AC High-Low 130mm **SPLINE**
 Shimano/SRAM 10/11 or Campagnolo 10/11 **QUICK RELEASE** Cromoly QR's **UPGRADES**
 Ceramic Bearings / Titanium QR's / Wheel Bag // Carbon specific brake pads recommended



CARBON 58 CLINCHER SERIES 3

DISCIPLINE Road / Triathlon / Cyclocross / Trekking **RIMS** Carbon 58mm Series 3 Clincher
 Rims 700c **SPOKES** AC Bladed Spokes Black / AC Aluminum Nipples Silver / 18h Radial
 Front / 24h 3-Cross Drive, Radial Non-Drive Rear **WEIGHT FRONT** 851gr **REAR** 1059gr **PAIR**
 1910gr **HUBS/SPACING** **FRONT** Micro 58 100mm **REAR** AC High-Low 130mm / Rear Spline
 Shimano/SRAM 10/11 or Campagnolo 10/11 **QUICK RELEASE** Cromoly QR's **UPGRADES**
 Ceramic Bearings / Titanium QR's / Wheel Bag



CARBON TT 3 TUBULAR

DISCIPLINE Road / Triathlon **RIM WIDTH** 21.5mm **WEIGHT** 684gr **SPACING** Front 100mm
QUICK RELEASE Cromoly QR **UPGRADES** Titanium QR / Wheel Bag **BRAKE SURFACE**
 High TG Resin // Carbon specific brake pads recommended



CARBON TT DISK TUBULAR

DISCIPLINE Road / Triathlon **RIM WIDTH** 21mm **WEIGHT** 1225gr **HUBS/SPACING** Rear
 130mm Shimano/SRAM 10/11 **QUICK RELEASE** Cromoly QR **UPGRADES** Titanium QR /
 Wheel Bag **BRAKE SURFACE** High TG Resin // Carbon specific brake pads recommended



CARBON 46 TUBULAR

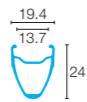
DISCIPLINE Road / Triathlon / Cyclocross **RIMS** Carbon 46mm Series 3 Tubular Rims 700c
SPOKES AC Bladed Spokes Black / AC Aluminum Spoke Nipples Silver / 18h Radial Front
 24h 3-Cross Drive / Radial Non-Drive Rear **WEIGHT FRONT** 585gr **REAR** 774gr **PAIR** 1359gr
HUBS/SPACING Gray Color **FRONT** Micro 58 100mm **REAR** AC High-Low 130mm **SPLINE**
 Shimano/SRAM 10/11 or Campagnolo 10/11 **QUICK RELEASES** Cromoly QR's **UPGRADES**
 Ceramic Bearings / Titanium QR's / Wheel Bag // Carbon specific brake pads recommended



CARBON 46 TUBULAR DISC

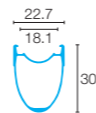
DISCIPLINE Road / Triathlon / Cyclocross **RIMS** Carbon 46mm Tubular Rims 700c **SPOKES**
 AC Bladed Spokes Black / AC Aluminum Spoke Nipples Silver / 24h 2-Cross Front and Rear
WEIGHT FRONT 692gr **REAR** 805gr **PAIR** 1497gr **HUBS/SPACING** Gray Color **FRONT** Disc
 130 100mm / 15mm Thru Axle Disc 100mm / 9mm Thru Axle Disc 100mm **REAR** Disc 225
 135mm / 10mm x 135mm Thru Axle Disc / 142mm Thru Axle Disc / Rear Spline / Shimano/
 SRAM 10/11 or SRAM XX1 **BRAKE INTERFACE** 6 Bolt International Standard **QUICK**
RELEASES Cromoly QR's **UPGRADES** Ceramic Bearings / Titanium QR's / Wheel Bag / Thru
 Axle QR's





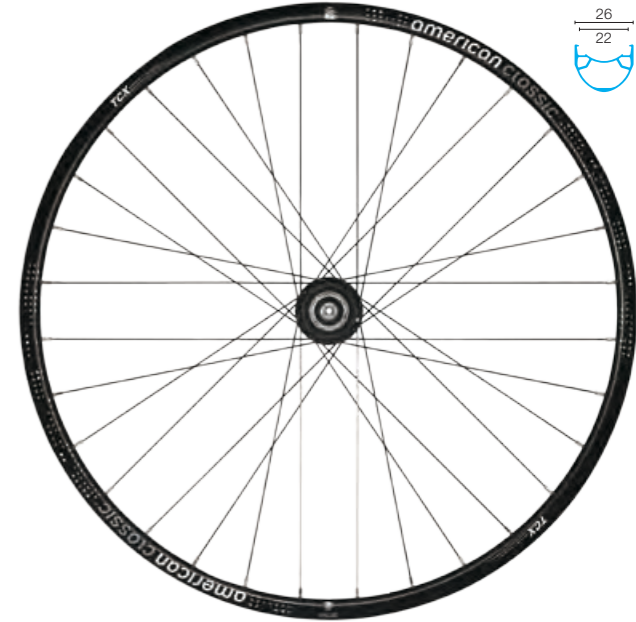
VICTORY

DISCIPLINE Road / Trekking **RIMS** Victory 24mm Deep Aluminum Clincher Rims 700c
SPOKES AC 14 / 15 Gauge Spokes Black / AC Brass Nipples Silver / 24h Radial Front /
 28h 3-Cross Rear **WEIGHT FRONT** 718gr **REAR** 930gr **PAIR** 1648gr **HUBS/SPACING**
FRONT Victory 100mm **REAR** Victory 130mm / Rear Spline Shimano/SRAM 9/10/11 or
 Campagnolo 10/11 **QUICK RELEASE** Cromoly QR's **INCLUDED** Stainless Steel Bearings
UPGRADES Titanium QR's / Wheel Bag



VICTORY 30 TUBELESS

DISCIPLINE Road / Triathlon / Cyclocross **RIMS** Victory 30mm Tubeless Aluminum Clincher
 Rims 700c **SPOKES** AC Bladed Spokes Black / AC Aluminum Spoke Nipples Silver **WEIGHT**
FRONT 654gr **REAR** 893gr **PAIR** 1547gr **HUBS/SPACING** Black Victory 100mm / Rear
 Victory 130mm Shimano/SRAM 9/10/11 or Campagnolo 10/11 **QUICK RELEASES** Cromoly
 QR's **INCLUDED** Stainless Steel Bearings **UPGRADES** Titanium QR's / Wheel Bag
 Can be ridden with regular tire and tube



TCX TUBELESS DISC AND RIM BRAKE

DISCIPLINE Trekking / Cyclocross / Urban / Road **RIMS** TCX Tubeless Aluminum Clincher Rims
 700c **SPOKES** AC 14 / 15 Gauge Spokes Black / AC Brass Nipples Silver 32h 3-Cross Front and
 Rear **WEIGHT DISC BRAKE** Front 896gr / Rear 999gr / Pair 1895gr **RIM BRAKE** Front 865gr /
 Rear 973gr / Pair 1838gr **HUBS/SPACING DISC BRAKE** Front Terrain Disc 100mm / Terrain
 15mm Thru Axle Disc 100mm / Terrain 9mm Thru Axle Disc 100mm / Rear Terrain Disc 135mm /
 Terrain 142mm Thru Axle Disc / Terrain 10mm Thru Axle Disc 135mm / Spline Shimano/SRAM
 9/10/11 or SRAM XX1 **RIM BRAKE** Front Victory High Flange 100mm / Rear Victory 130mm
 Rear Spline Shimano/SRAM 9/10/11 or Campagnolo 10/11 **BRAKE INTERFACE DISC BRAKE**
 6 Bolt International Standard **INCLUDED** AC Tubeless Tape Installed / AC Tubeless Valves /
 Stainless Steel Bearings **QUICK RELEASE** Cromoly QR **UPGRADES** Titanium QR's / Wheel
 Bag / Thru Axle QR's // Can be ridden with tire and tube



Owen Daniels



Photo Credit Brandon Barsugli
Courtesy of Possibilities



HANDCYCLE CARBON 50 TUBULAR DISC AND RIM BRAKE

DISCIPLINE Handcycling **RIMS** Carbon 50mm Tubular Rims 650 C **SPOKES** AC Bladed Spokes Black / AC Aluminum Nipples Silver / 24h 2-Cross Front / 24h Radial Rear **WEIGHT** **DISC BRAKE FRONT** 746gr **REAR** 650gr **TRIO** 2046gr **RIM BRAKE FRONT** 726gr **REAR** 650gr **TRIO** 2026gr **HUBS/SPACING** **FRONT** RD 205 130mm / Front Spline Shimano/SRAM 10/11 or Campagnolo 10/11 or Disc 225 135mm Shimano/SRAM 10/11 or SRAM XX1 **REAR** Handcycle Bolt-On Hubs **QUICK RELEASE** Cromoly QR **UPGRADES** Titanium QR **BRAKE SURFACE** New high TG resin brake surface system / Carbon specific brake pads are recommended



HANDCYCLE 650 C DISC AND RIM BRAKE

DISCIPLINE Handcycling **RIMS** 30mm Aluminum Clincher Rims 650 C **SPOKES** AC Bladed Spokes Black / AC Brass Nipples Silver / 24h 2-Cross Front / 24h Radial Rear **WEIGHT** **DISC BRAKE FRONT** 840gr **REAR** 726gr **TRIO** 2324gr **RIM BRAKE FRONT** 820gr **REAR** 726gr **TRIO** 2304gr **HUBS/SPACING** **FRONT** RD 205 130mm / Front Spline Shimano 10/11 or Campagnolo 10/11 or Disc 225 135mm Shimano/SRAM 10/11 or SRAM XX1 **REAR** Handcycle Bolt-On Hubs **QUICK RELEASE** Cromoly QR **UPGRADES** Titanium QR



HANDCYCLE BOLT-ON HUB

DISCIPLINE Handcycling **WEIGHT** 141gr **DRILLING** 24h **SPACING** 100mm **BEARINGS** 6803C3 Stainless Steel

The first product in our line of handcycle products, Bill Shook designed a light weight bolt-on hub for improved riding performance. This hub is about a smooth ride, fast accelerations and maintaining speed. The newly designed titanium bolt is a standard 1/2 x 24 tpi with internally recessed 10mm socket head that closes securely and is easy to take on and off with a 10mm hex key tool. Bolt retracts into the axle for traveling. Large 17mm axle and stout 17mm stainless steel bearings. Stiff and strong with big 3.5mm thick high flanges. Sealed system to keep dirt out of the bearings. Easy maintenance. Slim looking high flange cut outs top off this upgrade to your bike.



MTB TUBELESS TECHNOLOGY

THE NUMBER ONE REASON TO RUN
TUBELESS WHEELS IS TO AVOID FLAT TIRES.

Our mountain bikers have been successfully riding and racing AC tubeless wheels for the last few years. Bill Shook is taking tubeless rim technology to the next level. Our tubeless wheels are set up with two AC honey colored tape layers to cover the spoke holes. Next, install tubeless ready clincher tires and pump liquid sealant into the system through our proven AC valves. The liquid sealant replaces the conventional tube.

You may ask how our tubeless system works. Bill Shook designed the rim with a bead barb running along the edge of the bead shelf. When installed, the tire firmly pops into position over the bead barb. The tire bead centers and tightly grips the circumference of the rim creating a sealed environment to hold the liquid sealant without burping. The number one reason to run tubeless wheels is to avoid flat tires. The sealant quickly fills and closes small holes in the tire preventing flats caused by rocks, thorns and other trail debris. Pinch flats can not occur because a tube is not needed. Our tubeless system is about speed. It lowers wheel weight at the extreme outer edge of the rim resulting in lower rolling resistance.

In a traditional clincher set up, the tire and tube interface moves as the wheel rolls, creating friction and energy loss. With the AC tubeless set up, there is no frictional energy loss between the tire and tube because the tube is gone. Liquid sealant is lighter than a tube. You can ride lighter weight tires with our tubeless system because you don't have to use tires made with heavy, inflexible puncture layers. Overall, our tubeless system is lighter and the wheel will spin up faster with less rider energy output. And the best part is flat tires are past history.



Photo Credit Julien Barety

Cedric Ravanel
Team GT Pulse Session



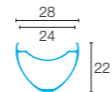
THE 27.5 ADVANTAGE

MID-SIZED EXCELLENCE ACHIEVED

Whether you call it 650B or 27.5, this mountain bike standard is here to stay. American Classic was a believer from the beginning, now introducing our second generation of 27.5 wheels and rims. Blending the best features of 26" and 29" mountain bikes, the advantages of 27.5 are legion. 27.5 riders tout the 29er big wheel advantages of lower rolling resistance and high speed, better traction, improved roll over characteristics and larger contact patch. Smaller like 26", our 27.5 system is light weight offering quick maneuverability and acceleration, a lower center of gravity and reduced suspension travel limitations. AC new 27.5 line up is mid-sized excellence achieved.

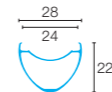


bike
TIPP



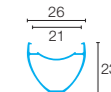
MTB RACE 27.5 TUBELESS

DISCIPLINE MTB Cross Country **RIMS** Race Tubeless Aluminum Disc Rims 350gr **SPOKES** AC Race Round 14 /16 Gauge Spokes Black / AC Aluminum Nipples Silver / 32h 3-Cross Front and Rear **WEIGHT FRONT** 662gr **REAR** 773gr **PAIR** 1435gr **HUBS/SPACING FRONT** Disc 130 100mm / 15mm Thru Axle Disc 100mm / 9mm Thru Axle Disc 100mm **REAR** Disc 225 135mm / 10mm x 135mm Thru Axle Disc / 142mm Thru Axle Disc / Shimano/SRAM 9/10/11 or SRAM XX1 **BRAKE INTERFACE** 6 Bolt International Standard **INCLUDED** AC Tubeless MTB Tape Installed / AC Tubeless Valves **QUICK RELEASE** Cromoly QR's **UPGRADES** Ceramic Bearings / Titanium QR's / Wheel Bag / Thru Axle QR's
Can be ridden with regular tire and tube. UST Tires are not recommended



MTB RACE 29 TUBELESS

DISCIPLINE MTB Cross Country **RIMS** Race Tubeless Aluminum Disc Rims 360gr **SPOKES** AC Race Round 14 /16 Gauge Spokes Black / AC Aluminum Nipples Silver / 32h 3-Cross Front and Rear **WEIGHT FRONT** 670gr **REAR** 789gr **PAIR** 1459gr **HUBS/SPACING FRONT** Disc 130 100mm / 15mm Thru Axle Disc 100mm / 9mm Thru Axle Disc 100mm **REAR** Disc 225 135mm / 10mm x 135mm Thru Axle Disc / 142mm Thru Axle Disc / Shimano/SRAM 9/10/11 or SRAM XX1 **BRAKE INTERFACE** 6 Bolt International Standard **INCLUDED** AC Tubeless MTB Tape Installed / AC Tubeless Valves **QUICK RELEASE** Cromoly QR's **UPGRADES** Ceramic Bearings / Titanium QR's / Wheel Bag / Thru Axle QR's
Can be ridden with regular tire and tube. UST Tires are not recommended



MTB 29 TUBELESS

DISCIPLINE MTB Cross Country **RIMS** MTB Tubeless Aluminum Disc Rims 29" **SPOKES** AC 14/15 Gauge Spokes Black / AC Aluminum Nipples Silver / 32h 3-Cross Front and Rear **WEIGHT FRONT** 748gr **REAR** 852gr **PAIR** 1600gr **HUBS/SPACING FRONT** Disc 130 100mm / 15mm Thru Axle Disc 100mm / 9mm Thru Axle Disc 100mm **REAR** Disc 225 135mm / 10mm x 135mm Thru Axle Disc / 142mm Thru Axle Disc / Shimano 9/10/11 or SRAM XX1 **BRAKE INTERFACE** 6 Bolt International Standard **INCLUDED** AC MTB Tubeless Tape Installed / AC Tubeless Valves **QUICK RELEASE** Cromoly QR's **UPGRADES** Ceramic Bearings / Titanium QR's / Wheel Bag / Thru Axle QR's // Can be ridden with regular tire and tube



WIDE LIGHTNING 27.5 TUBELESS

DISCIPLINE MTB Cross Country / Enduro **RIMS** MTB Wide Lightning Tubeless Aluminum Disc Rims 27.5" **SPOKES** AC 14/15 Gauge Spokes Black / AC Aluminum Spoke Nipples Silver / 32h 3-Cross Front and Rear **WEIGHT FRONT** 698gr **REAR** 814gr **PAIR** 1512gr **HUBS/SPACING** Gray Color **FRONT** Disc 130 100mm / 15mm Thru Axle Disc 100mm / 9mm Thru Axle Disc 100mm **REAR** Disc 225 135mm / 10mm x 135mm Thru Axle Disc / 142mm Thru Axle Disc / Shimano/SRAM 9/10/11 or SRAM XX1 **BRAKE INTERFACE** 6 Bolt International Standard **INCLUDED** AC Tubeless Tape Installed / AC Tubeless Valves **QUICK RELEASES** Cromoly QR's **UPGRADES** Ceramic Bearings / Titanium QR's / Wheel Bag / Thru Axle QR's Can be ridden with regular tire and tube



WIDE LIGHTNING 29 TUBELESS

DISCIPLINE MTB Cross Country / Enduro **RIMS** MTB Wide Lightning Tubeless Aluminum Disc Rims 29" **SPOKES** AC 14/15 Gauge Spokes Black / AC Aluminum Spoke Nipples Silver / 32h 3-Cross Front and Rear **WEIGHT FRONT** 727gr **REAR** 842gr **PAIR** 1569gr **HUBS/SPACING** Gray Color **FRONT** Disc 130 100mm / 15mm Thru Axle Disc 100mm / 9mm Thru Axle Disc 100mm / Lefty Disc 100mm **REAR** Disc 225 135mm / 10mm x 135mm Thru Axle Disc / 142mm Thru Axle Disc / Shimano/SRAM 9/10/11 or SRAM XX1 / Single Speed Disc 135mm QR 10mm or 142mm **BRAKE INTERFACE** 6 Bolt International Standard **INCLUDED** AC Tubeless Tape Installed / AC Tubeless Valves **QUICK RELEASES** Cromoly QR's **UPGRADES** Ceramic Bearings / Titanium QR's / Wheel Bag / Thru Axle QR's // Can be ridden with regular tire and tube



NEW

CARBONATOR 27.5 / 29 TUBELESS

DISCIPLINE MTB Cross Country / Enduro **RIMS** Carbonator Tubeless All Carbon Disc Rims 27.5 / 29" **SPOKES** AC 14/15 Gauge Spokes Black / AC Aluminum Nipples Silver 32h3-Cross Front and Rear **WEIGHT 27.5 FRONT** 740gr **REAR** 855gr **PAIR** 1595gr **WEIGHT 29 FRONT** 784gr **REAR** 892gr **PAIR** 1676gr **HUBS/SPACING** **FRONT** Disc 130 100mm / 15mm / Thru Axle Disc 100mm / 9mm Thru Axle Disc 100mm **REAR** Disc 225 135mm / 10mm x 135mm Thru Axle Disc / 142mm Thru Axle Disc / Shimano/SRAM 9/10/11 or SRAM XX1 **BRAKEINTERFACE** 6 Bolt International Standard **INCLUDED** AC MTB Tubeless Tape Installed / AC Tubeless Valves **QUICK RELEASE** Cromoly QR's **UPGRADES** Ceramic Bearings / Titanium QR's / Wheel Bag / Thru Axle QR's // Can be ridden with regular tire and tube





ALL MOUNTAIN 27.5/29 TUBELESS

DISCIPLINE All Mountain / MTB Cross Country / Enduro **RIMS** All Mountain Tubeless Aluminum Disc Rims 27.5/29" **SPOKES** AC 14/15 Gauge Spokes Black / AC Aluminum Nipples Silver 32h 3-Cross Front and Rear **WEIGHT 27.5 FRONT** 784gr **REAR** 889gr **PAIR** 1673gr **WEIGHT 29 FRONT** 822gr **REAR** 930gr **PAIR** 1752gr **HUBS/SPACING FRONT** Disc 130 100mm / 15mm Thru Axle Disc 100mm / 9mm Thru Axle Disc 100mm **REAR** Disc 225 135mm / 10mm x 135mm Thru Axle Disc / 142mm Thru Axle Disc / Shimano/SRAM 9/10/11 or SRAM XX1 **BRAKE INTERFACE** 6 Bolt International Standard **INCLUDED** AC MTB Tubeless Tape Installed / AC Tubeless Valves **QUICK RELEASE** Cromoly QR's **UPGRADES** Ceramic Bearings / Titanium QR's / Wheel Bag / Thru Axle QR's // Can be ridden with regular tire and tube



TERRAIN 27.5/29 TUBELESS

DISCIPLINE MTB Cross Country **RIMS** Terrain Tubeless Aluminum Disc Rims 27.5/29" **SPOKES** AC 14 /15 Gauge Spokes Black / AC Brass Nipples Silver 32h 3-Cross Front and Rear **WEIGHT 27.5 FRONT** 868gr **REAR** 977gr **PAIR** 1845gr **WEIGHT 29 FRONT** 896gr **REAR** 999gr **PAIR** 1895gr **HUBS/SPACING FRONT** Terrain Disc 100mm / Terrain 15mm Thru Axle Disc 100mm / Terrain 9mm Thru Axle Disc 100mm **REAR** Shimano/SRAM 9/10/11 or SRAM XX1 / Terrain Disc 135mm / Terrain 10mm x 135mm Thru Axle Disc / Terrain 142mm Thru Axle Disc **BRAKE INTERFACE** 6 Bolt International Standard **INCLUDED** AC MTB Tubeless Tape Installed / AC Tubeless Valves / Stainless Steel Bearings **QUICK RELEASE** Cromoly QR's **UPGRADES** Titanium QR's / Wheel Bag / Thru Axle QR's
Can be ridden with regular tire and tube





AC
RIMS

AC RIMS

AGGRESSIVELY FAST

»Many of our customers asked us for rims because to them, there is something personal in crafting their own wheels. Bill Shook responded to this call with the new high end AC rim line.«

Photo Credit Julien Barety

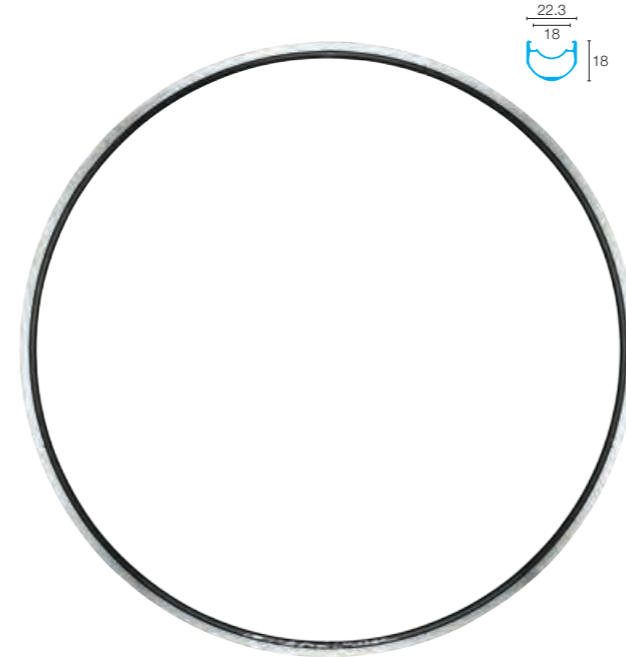
Cedric and Cecile Ravanel
Team GT Pulse Session



RIM TECHNOLOGY

RESEARCH AND INNOVATION

Our focus is on performance tubeless rims because of the demand for high quality, wide, lightweight tubeless rims for competition and training. With use of engineering, Bill created wide rim profiles in a high strength aluminum alloy that blends lightness with robustness. The rims use our proven bead barb technology to hook on the tire bead to help keep the tire in place without burping. Rims are hand joined and sleeved at our AC facility to assure roundness and uniform strength. After finishing, our AC rims are inspected by real people who carefully gauge and examine them to match our quality spec. The result is the highest quality rims that build up well, hold speed and handle decisively. American Classic rims are better than any other rim out there.



NEW

AC RD 2218 RIMS TUBELESS ROAD

DISCIPLINE Road / Cyclocross / Trekking / Urban / Triathlon WEIGHT 375gr DRILLING 24 / 28 / 32 ERD 700c 600 COLOR Black Anodized // Can be ridden with regular tire and tube



NEW

101 RIMS 26/27.5/29 TUBELESS DISC

DISCIPLINE MTB Cross Country / Cyclocross / Road WEIGHT 26" 329gr / 27.5" 357gr / 29" 381gr DRILLING 24 / 28 / 32 ERD 26" 537 / 27.5" 562 / 29" 600 COLOR Black Anodized // Can be ridden with regular tire and tube



AC
HUBS

AC HUBS

THE TECHNOLOGICAL ADVANTAGE

»We design our products down to the smallest details to optimize our product line and improve your enjoyment on the bike. We don't settle for what's available on the market. It is our efforts to make better components that boost the ride quality and reliability of your wheels.«

Bill Shook | President





SIX PAWL

CAM ACTUATED ENGAGEMENT SYSTEM

One of Bill Shook's most important designs is his patented Six Pawl Cam Actuated Engagement System found in our hubs. All six oversized pawls engage in unison whenever drive torque is applied. No other multiple pawl system on the market can ensure that all pawls are engaged at the same time. The cam plate powers the pawls into engagement simultaneously. There are new expanded cupped engagement pockets in the cam plate for improved contact. The secondary ratchet system does the coasting quietly and forces engagement of the large pawls only for drive torque transfer. The cassette body has 24 ratchet teeth for quick engagement with the pawls. Each pawl is made from super strong tool steel and has double tips for 12 points of engagement to work in conjunction with the 24 ratchet teeth. The one piece forged 7075 aluminum cassette body is hard anodized and is topped with Bill's latest steel face body design.



STEEL FACE

CASSETTE BODY

Bill Shook's strong suit is finding answers to industry wide problems. Aluminum cassette bodies are damaged by the individual cassette cogs, and from loose fitting shimano cassettes. Bill Shook's ingenious answer is his latest patented design, the steel faced cassette body. All our shimano style cassette bodies are now equipped with the proven steel face on the splines so that the body will not be damaged by the cassette. Each steel insert is securely dovetailed in place by hand with Bill's specially designed insert tooling. Steel is harder than aluminum which protects the softer aluminum from being gouged by the cassette. You get the best of both worlds, a light weight aluminum body with the protection of a steel surface. The steel faced cassette will prolong the life of your American Classic hub and make changing cassettes easier. A brilliantly simple solution to an annoying problem. It is Bill Shook's attention to detail that make American Classic's wheels better than the rest.



SPLINES

CASSETTE SPLINES

There are many new cassette spline standards on the market. American Classic offers them all!

- SHIMANO/SRAM 9/10/11 FOR ROAD AND DISC HUBS
- SRAM XX1
- CAMPAGNOLO 10/11



MICRO 58 FRONT

DISCIPLINE Road / Trekking / Triathlon / Cyclocross **WEIGHT** 58gr **DRILLING** 18 / 20 / 24 / 28 **SPACING** 100mm **BEARINGS** 688 Stainless Steel / Ceramic Upgrade available **INCLUDED** Cromoly QR / Ti QR Upgrade available



RD 205 REAR

DISCIPLINE Road / Trekking / Triathlon / Cyclocross **WEIGHT** 205gr **DRILLING** 24 / 28 / 32 **SPACING** 130mm **BEARINGS** 6803C3 Stainless Steel / Ceramic Upgrade available **SPLINE** Shimano/SRAM 9/10/11 or Campagnolo 10/11 **INCLUDED** Cromoly QR / Ti QR Upgrade available



TRACK FRONT

DISCIPLINE Track / Road **WEIGHT** 105gr **DRILLING** 18 **SPACING** 100mm **BEARINGS** 6803C3 Stainless Steel / Ceramic Upgrade available **INCLUDED** Shook Integrated Bolt System



LEFTY DISC FRONT

DISCIPLINE Cross Country **WEIGHT** 132gr **DRILLING** 32 **BEARINGS** 6805 Fork Side and 6902 Stainless Steel **BRAKE INTERFACE** 6 Bolt International Standard **INCLUDED** Aluminum Cap and Steel Bolt for Lefty



105 FRONT

DISCIPLINE Road / Trekking / Mountain / Cyclocross **WEIGHT** 105gr **DRILLING** 32 **SPACING** 100mm **BEARINGS** 6803C3 Stainless Steel / Ceramic Upgrade available **INCLUDED** Cromoly QR / Ti QR Upgrade available



MTB 210 REAR

DISCIPLINE Mountain / Road 135mm Applications **WEIGHT** 210gr **DRILLING** 32 **SPACING** 135mm **BEARINGS** 6803C3 Stainless Steel / Ceramic Upgrade available **SPLINE** Shimano/SRAM 9/10/11 **INCLUDED** Cromoly QR / Titanium QR Upgrade available



TRACK REAR

DISCIPLINE Track / Road **WEIGHT** 180gr **DRILLING** 24 **SPACING** 120mm **BEARINGS** 6803C3 Stainless Steel / Ceramic Upgrade available **INCLUDED** Shook Integrated Bolt System / Lock Ring // This is not a "Flip-Flop" or "Fixed-Free" hub



15MM THRU AXLE DISC FRONT

DISCIPLINE Cross Country / All Mountain **WEIGHT** 116gr **DRILLING** Front 24 (road) / 28 / 32 **SPACING** 15mm x 100mm Thru Axle **BEARINGS** 6803C3 Stainless Steel / Ceramic Upgrade available **BRAKE INTERFACE** 6 Bolt International Standard



DISC 130 FRONT

DISCIPLINE Mountain / Cross Country **WEIGHT** 130gr **DRILLING** Front 24 (road) / 28 / 32 **SPACING** 100mm **BEARINGS** 6803C3 Stainless Steel / Ceramic Upgrade available **BRAKE INTERFACE** 6 Bolt International Standard **UPGRADE** Cromoly QR / Titanium QR Upgrade available



9MM THRU AXLE DISC FRONT

DISCIPLINE Cross Country / All Mountain **WEIGHT** 122gr **DRILLING** Front 24 (road) / 28 / 32 **SPACING** 9mm x 100mm Thru Axle **BEARINGS** 6803C3 Stainless Steel / Ceramic Upgrade available **BRAKE INTERFACE** 6 Bolt International Standard **UPGRADE** 9mm Thru Axle Quick Release



SINGLE SPEED DISC REAR

DISCIPLINE Cross Country **WEIGHT** 244gr **DRILLING** 32 **SPACING** 135mm **BEARINGS** 6803C3 Stainless Steel / Ceramic Upgrade available **BRAKE INTERFACE** 6 Bolt International Standard **INCLUDED** Cromoly QR / Lock Ring / 18 Tooth Cog / Spacers / Also available in 10mm Thru Axle or 142mm Thru Axle / Not a trials hub



DISC 225 REAR

DISCIPLINE Mountain / Cross Country / Road **WEIGHT** 225gr **DRILLING** 24 (road) / 28 / 32 **SPACING** 135mm **BEARINGS** 6803C3 Stainless Steel / Ceramic Upgrade available **SPLINE** Shimano/SRAM 9/10/11 or SRAM XX1 **BRAKE INTERFACE** 6 Bolt International Standard **INCLUDED** Cromoly QR / Titanium QR Upgrade available



10MM THRU AXLE DISC REAR

DISCIPLINE Cross Country / All Mountain / Road **WEIGHT** 223gr **DRILLING** Front 24 (road) / 28 / 32 **SPACING** 10mm x 135mm Thru Axle **BEARINGS** 6803C3 Stainless Steel / Ceramic Upgrade available **SPLINE** Shimano/SRAM 9/10/11 or SRAM XX1 **BRAKE INTERFACE** 6 Bolt International Standard **UPGRADE** 10mm Thru Axle Quick Release



142MM THRU AXLE DISC REAR

DISCIPLINE Cross Country / All Mountain / Road **WEIGHT** 223gr **DRILLING** Front 24 (road) / 28 / 32 **SPACING** 12mm x 142mm Thru Axle **BEARINGS** 6803C3 Stainless Steel / Ceramic Upgrade available **SPLINE** Shimano/SRAM 9/10/11 or SRAM XX1 **BRAKE INTERFACE** 6 Bolt International Standard



Cécile Ravanel
Team GT Pulse Session
XCE Champion of France

Photo Credit Julien Baret



AC COMPO NENTS

THE NEXT LEVEL

»Bill Shook speaks slowly, deliberately – the hallmark of a meticulous engineer who lives by a few key rules when designing wheels, hubs and components: Make them durable, strong and light. And if those parts are aerodynamic and attractive, so much the better. That formula has made American Classic – a small but influential builder – a leader when it comes to high-end components.«

Marc Sani | Bicycle Retailer & Industry News



SEATPOST

ROAD / MOUNTAIN / TREKKING /
CYCLOCROSS / TRIATHLON

LENGTH 350mm **DIAMETERS / WEIGHT**
27.2 200 gr / 31.6 210 gr **SETBACK** 25.4mm
COLOR Black **TOOLS NEEDED** Torque
Wrench with 4mm Hex Key **TORQUE SPEC** 35
Inch-Pounds, 4 Nm



TUBELESS VALVES

ROAD / MOUNTAIN

LENGTH 36mm, 46mm **WEIGHT** Pair 6gr 36 mm, Pair 8 gr 46 mm **COLOR** Red Anodized
Improved thicker, stronger removable valve core threads and new double o-rings for an air tight seal. When you see a red valve, you know it's AC.



NEW

RIM STICKERS

Your wheels will look new and fresh when you replace worn decals. New rim sticker kit for 2 wheels. Colors available are on the website.



TUBELESS TAPE ROAD / MOUNTAIN

ROAD TUBELESS

10mm base layer, 22mm wide outer layer
 10M AC Road Kit wraps 2 wheels, 1 base layer and outer layer 2 times around - 700c
 50M AC Road Shop Kit wraps 12 wheels, 1 base layer and outer layer 2 times around - 700c

MTB TUBELESS

25mm, 28mm or 32mm wide
 10M AC MTB Roll wraps 2 wheels, 2 times around - 29"
 50M AC Shop Roll wraps 12 wheels, 2 times around - 29"



RETROFIT THRU AXLE CONVERSION KITS ROAD / MOUNTAIN

DISC 130

Can be converted between:
 Standard QR
 15mm Thru Axle
 9mm Thru Axle Quick Release

105 FRONT

No Conversions are available for the 105 Front

TERRAIN FRONT DISC

Can be converted between:
 Standard QR
 15mm Thru Axle
 9mm Thru Axle Quick Release

LEFTY DISC

No Conversions are available for the Lefty Disc

MTB REAR HUBS:

DISC 225

Can be converted between:
 Standard QR
 10mm x 135mm Thru Axle
 12mm x 142mm Thru Axle

TERRAIN REAR DISC

Can be converted between:
 Standard QR
 10mm x 135mm Thru Axle
 12mm x 142mm Thru Axle

SINGLE SPEED DISC

Can be converted between:
 Standard QR
 12mm x 142mm Thru Axle
 10mm x 135mm Thru Axle



QUICK RELEASE

ROAD / TREKKING / TRIATHLON
CYCLOCROSS / MOUNTAIN

LENGTH / WEIGHT Cromoly Front 100mm / 46gr
Road Rear 130mm / 48gr / MTB Rear 135mm / 49gr
LENGTH / WEIGHT Titanium Front 100mm / 40gr
Road Rear 130mm / 42gr / MTB Rear 135mm / 43gr

This is an entirely new quick release. This tested design focuses on improved lever function so that the quick release stays closed tight. The springs are stainless steel. The cam has an aluminum on plastic glide surface. Fork contacts are knurled for a superior grip. American Classic is committed to continually improving the function of our products at all levels to offer an improved riding experience to our customers.



9MM AND 10MM THRU AXLE

QUICK RELEASE
MOUNTAIN

LENGTH / WEIGHT 9mm x 100mm / 64gr / 10mm x 135mm / 80gr

The purpose of the 9mm front and 10mm rear thru axle system is to stiffen a standard QR mountain bike frame without unscrewing an unwieldy, heavy bolt. Our Thru Axle Quick Releases act as an axle and centers the hub in the QR fork or frame drop out without fishing for adjustment. It's easy to change the wheel because it is a quick release, not a bolt. Mechanism clamps tightly. It is stronger than a traditional QR skewer with a beefy aluminum shaft and steel contact points against the frame for superior grip. For a noticeable improvement in stiffness, try the AC Thru Axle QR's.

AC CLOTHING



WHEEL BAG

ROAD / TREKKING / TRIATHLON / CYCLOCROSS / MOUNTAIN

Stow your wheelset in the new premium AC wheel bag, the fusion of style and function. Bill Shook generously measured out this bag making it large enough to fit a pair 29ers with beefy 2.3 tires or a pair of 700c road wheels with tires. AC black nylon alphanotype graphic fabric and logo are custom designed for this project by our artists at Groupe Dejour. Thick padding inside to protect your wheel investment. Wheel bags help to keep your car and gear clean and organized. Twin zippers with carrying handles and a shoulder strap. Padded center divider and hard rubber reinforcement circles are inside each bag to prevent the axle from punching through the bag. Inner pocket features a velcro closure for storing quick releases and tools. An AC exclusive design, well thought out and luxurious like no other wheel bag on the market.

FRONT HUB SPEC

	WIDTH	HOLE COUNT	WEIGHT	SPOKE HOLE SIZE	CENTER TO LEFT OUTSIDE	CENTER TO RIGHT OUTSIDE	SPOKE CIRCLE DIAMETER	STAINLESS STEEL BEARINGS
MICRO 58	100 mm	18 / 20 / 24 / 28	58 gr	2.5 mm	35.5 mm	35.5 mm	29 mm	688
TRACK FRONT	100 mm	18	105 gr	2.5 mm	32.5 mm	32.5 mm	58 mm	6803C3
VICTORY FRONT	100 mm	18 / 24	58 gr	2.5 mm	35.5 mm	35.5 mm	29 mm	688
VICTORY HIGH FLANGE FRONT	100 mm	32	146 gr	2.5 mm	32.5 mm	32.5 mm	58 mm	6902
105 FRONT	100 mm	32	105 gr	2.5 mm	32.5 mm	32.5 mm	58 mm	6803C3
DISC 130	100 mm	24 / 28 / 32	130 gr	2.5 mm	24.5 mm	32.5 mm	58 mm	6803C3
15mm THRU AXLE DISC	100 mm	32	116 gr	2.5 mm	24.5 mm	32.5 mm	58 mm	6803C3
9mm THRU AXLE DISC	100 mm	32	122 gr	2.5 mm	24.5 mm	32.5 mm	58 mm	6803C3
LEFTY DISC		32	132 gr	2.5 mm	21.0 mm	33.5 mm	58 mm Fork Side 45 mm Outside	6805 Fork Side 6902 Outside
TERRAIN DISC FRONT	100 mm	32	158 gr	2.5 mm	24.5 mm	32.5 mm	58 mm	6902
TERRAIN 15mm THRU AXLE DISC	100 mm	32	148 gr	2.5 mm	24.5 mm	32.5 mm	58 mm	6902
TERRAIN 9mm THRU AXLE DISC	100 mm	32	169 gr	2.5 mm	24.5 mm	32.5 mm	58 mm	6902



REAR HUB SPEC

	WIDTH	HOLE COUNT	WEIGHT	SPOKE HOLE SIZE	CENTER TO LEFT OUTSIDE	CENTER TO RIGHT OUTSIDE	SPOKE CIRCLE DIAMETER	STAINLESS STEEL BEARINGS
RD 205	130 mm	24 / 28 / 32	205 gr	2.5 mm	30.0 mm	20.0 mm	66 mm	6803C3
ROAD HIGH-LOW FLANGE	130 mm	24	205 gr	2.5 mm	38.0 mm	18.0 mm	60 mm Drive 36 mm Non-Drive	6803C3
TRACK REAR	120 mm	24	180 gr	2.5 mm	37.2 mm	32.7 mm	66 mm	6803C3
VICTORY REAR	130 mm	24 / 28	240 gr	2.5 mm	30.0 mm	20.0 mm	60 mm	6902 Hub Shell 15267 Cassette Body
MTB 210	135 mm	32	210 gr	2.5 mm	27.4 mm	22.6 mm	66 mm	6803C3
DISC 225 and All Thru Axle Disc Hubs Older 9/10 Speed	135 mm	32		2.5 mm	27.4 mm	22.6 mm	66 mm	6803C3
DISC 225 and All Thru Axle Disc Hubs NEW 9/10/11 Speed. Serial Number Starts with the Letter "D" or "E"	135 mm	24 / 28 / 32		2.5 mm	29.5 mm	20.4 mm	66 mm	6803C3
SINGLE SPEED DISC	135 mm	32	244 gr	2.5 mm	33.9 mm	32.8 mm	66 mm	6803C3
TERRAIN DISC REAR and All Thru Axle Disc Hubs Older 9/10 Speed	135 mm	32	262 gr	2.5 mm	27.4 mm	22.6 mm	60 mm	6902 Hub Shell 15267 Cassette Body
TERRAIN DISC REAR and All Thru Axle Disc Hubs NEW 9/10/11 Speed. Serial Number Starts with the Letter "D" or "E"	135 mm	32	262 gr	2.5 mm	29.5 mm	20.2 mm	60 mm	6902 Hub Shell 15267 Cassette Body
HANDCYCLE BOLT-ON	100 mm	24	141 gr	2.5 mm	32.5 mm	32.5 mm	58 mm	6803C3

*All hubs are weighed without QR's, Bolts or Thru Axles

WHEELSET ROAD

	DRILLING Front / Rear	WEIGHT FRONT with AC Spokes	WEIGHT REAR with AC Spokes	WEIGHT PAIR with AC Spokes	RIDER WEIGHT Limit / lbs / kg	RIM WIDTH	RIM DEPTH	RIM STRIP	RIM ERD
ARGENT ROAD TUBELESS SERIES 3	18 / 24	586 gr	786 gr	1372 gr	235 / 107	22.0 mm	30.0 mm		576
ARGENT ROAD TUBELESS DISC	24 / 24	708 gr	823 gr	1531 gr	235 / 107	22.0 mm	30.0 mm		576
ROAD TUBELESS SERIES 3	24 / 24	543 gr	689 gr	1232 gr	200 / 91	22.0 mm	21.0 mm		596
MAGNESIUM CLINCHER SERIES 3	24 / 24	540 gr	686 gr	1226 gr	200 / 91	22.3 mm	22.6 mm		592
HURRICANE ROAD TUBELESS	32 / 32	736 gr	844 gr	1580 gr	250 / 114	22.3 mm	24.0 mm		588
HURRICANE ROAD TUBELESS DISC	32 / 32	768 gr	878 gr	1646 gr	250 / 114	22.3 mm	24.0 mm		588
420 AERO TRACK	18 / 24	745 gr	840 gr	1585 gr	235 / 107	19.0 mm	34.0 mm	16 mm	572
420 AERO 3	18 / 24	663 gr	867 gr	1530 gr	235 / 107	19.0 mm	34.0 mm	16 mm	572
ALUMINUM TUBULAR RIM BRAKE	32 / 32	697 gr	829 gr	1526 gr	235 / 107	23.0 mm	24.0 mm		588
ALUMINUM TUBULAR DISC BRAKE	32 / 32	722 gr	849 gr	1571 gr	235 / 107	23.0 mm	24.0 mm		588
SPRINT 350 TUBELESS	28 / 32	598 gr	798 gr	1396 gr	220 / 100	22.6 mm	24.0 mm		589
CARBON 40 ALL CARBON CLINCHER	18 / 24	616 gr	801 gr	1417 gr	220 / 100	22.0 mm	40.0 mm	18 mm	558
CARBON 58 CLINCHER	18 / 24	851 gr	1059 gr	1910 gr	250 / 114	22.0 mm	58.0 mm	18 mm	528
CARBON 46 TUBULAR	18 / 24	585 gr	774 gr	1359 gr	235 / 107	22.0 mm	46.0 mm		549
CARBON 46 TUBULAR DISC	24 / 24	692 gr	805 gr	1497 gr	235 / 107	22.0 mm	46.0 mm		549
CARBON TT 3 TUBULAR FRONT		684 gr			275 / 125	21.5 mm			
CARBON TT DISK TUBULAR REAR			1225 gr		275 / 125	21.0 mm			
VICTORY	24 / 28	718 gr	930 gr	1648 gr	250 / 114	19.4 mm	24.0 mm	16 mm	590
VICTORY 30 TUBELESS	18 / 24	654 gr	893 gr	1547 gr	245 / 112	22.7 mm	30.0 mm		576
TCX TUBELESS RIM BRAKE	32 / 32	865 gr	973 gr	1838 gr	280 / 127	26.0 mm	21.0 mm		594
TCX TUBELESS DISC BRAKE	32 / 32	896 gr	999 gr	1895 gr	280 / 127	26.0 mm	21.0 mm		594

* All wheels are weighed without QR's, Bolts, Valves, Rim Strip or Rim Tape.

WHEELSET MTB

	DRILLING Front / Rear	WEIGHT FRONT with AC Spokes	WEIGHT REAR with AC Spokes	WEIGHT PAIR with AC Spokes	RIDER WEIGHT Limit / lbs / kg	RIM WIDTH	RIM DEPTH	RIM STRIP	RIM ERD
MTB RACE 27.5 TUBELESS	32 / 32	662 gr	773 gr	1435 gr	210 / 95	28.0 mm	22.0 mm		554
MTB RACE 29 TUBELESS	32 / 32	670 gr	789 gr	1459 gr	210 / 95	28.0 mm	22.0 mm		592
MTB 29 TUBELESS	32 / 32	748 gr	852 gr	1600 gr	235 / 107	26.0 mm	23.0 mm		593
WIDE LIGHTNING 29 TUBELESS SINGLESPEED	32 / 32	727 gr	842 gr	1569 gr	235 / 107	32.0 mm	22.0 mm		592
WIDE LIGHTNING 27.5 TUBELESS	32 / 32	698 gr	814 gr	1512 gr	235 / 107	32.0 mm	22.0 mm		554
WIDE LIGHTNING 29 TUBELESS	32 / 32	727 gr	842 gr	1569 gr	235 / 107	32.0 mm	22.0 mm		592
ALL MOUNTAIN 27.5 TUBELESS	32 / 32	784 gr	889 gr	1673 gr	250 / 114	28.0 mm	23.0 mm		555
ALL MOUNTAIN 29 TUBELESS	32 / 32	822 gr	930 gr	1752 gr	250 / 114	28.0 mm	23.0 mm		593
TERRAIN 27.5 TUBELESS	32 / 32	868 gr	977 gr	1845 gr	280 / 127	26.0 mm	21.0 mm		556
TERRAIN 29 TUBELESS	32 / 32	896 gr	999 gr	1895 gr	280 / 127	26.0 mm	21.0 mm		594
CARBONATOR 27.5 TUBELESS	32 / 32	740 gr	855 gr	1595 gr	235 / 107	33.0 mm	24.0 mm		554
CARBONATOR 29 TUBELESS	32 / 32	784 gr	892 gr	1676 gr	235 / 107	33.0 mm	24.0 mm		592

WHEELSET HANDCYCLE

	DRILLING Front / Rear	WEIGHT FRONT with AC Spokes	WEIGHT REAR with AC Spokes	WEIGHT PAIR with AC Spokes	RIDER WEIGHT Limit / lbs / kg	RIM WIDTH	RIM DEPTH	RIM STRIP	RIM ERD
HANDCYCLE 650 C DISC	24 / 24 / 24	840 gr	742 gr	TRIO: 2324 gr	245 / 112	18.3 mm	30.0 mm	16 mm	522
HANDCYCLE CARBON 50 TUBULAR DISC	24 / 24 / 24	746 gr	650 gr	TRIO: 2046 gr	240 / 110	20.0 mm	50.0 mm		490
HANDCYCLE 650 C RIM BRAKE	24 / 24 / 24	820 gr	742 gr	TRIO: 2304 gr	245 / 112	18.3 mm	30.0 mm	16 mm	522
HANDCYCLE CARBON 50 TUBULAR RIM BRAKE	24 / 24 / 24	726 gr	650 gr	TRIO: 2026 gr	240 / 110	20.0 mm	50.0 mm		490

* All AC Tubeless Road and MTB wheels can be ridden tubeless with sealant or with regular tire and tube.

SERVICE DEPARTMENT USA

American Classic offers service provided by our highly qualified Technical Staff and Wheel Builders. Services include wheel rebuilds, re-tensioning and truing, hub maintenance, hub cassette body and bearing changes, and general repairs. Call our sales department for estimates on parts and service work. Our USA sales team will take your order and issue a return authorization (RA) number.

TIRE PRESSURE

Maximum tire pressure for road clincher wheels is not to exceed 120 PSI/8.3 Bars. If your road clincher tires are rated below 120 PSI/8.3 Bars, do not exceed the rated tire pressure. Exceeding the maximum tire pressure can damage the tire and rim causing an accident and injury. For road tubeless tires, proper tire installation is required and do not go below 90 PSI/6.2 Bars to avoid burping or sudden air loss which can cause an accident or injury.

For minimum tire pressure for mountain bike wheels, follow the minimum pressure rating recommended by the tire manufacturer. Going below the minimum tire pressure can cause burping and/or damage the tire and rim causing an accident or injury.

AC QUICK RELEASE

Your American Classic wheels come with QR hardware. Failure to close the quick release or thru axle quick release properly can result in accident or injury. If in doubt, ask your retailer to help you make sure you know how to install and remove your wheels safely. Check to ensure that your wheel quick releases are securely clamped, each time before you ride your bicycle.

AC CRASH REPLACEMENT PROGRAM

American Classic has a new wheel crash replacement plan for wheelsets bought in the USA from an authorized dealer or distributor for a period of 2 years from date of purchase by the original owner. This is a screamin' deal to protect your investment in your wheels. The original owner must keep their original proof of purchase receipt and crash replacement plan receipt in order to make a claim under this plan.

Sign up and the specific terms, requirements and exclusions of the plan are set forth at amclassic.com. The plan must be purchased within 10 days of the date of purchase of the wheelset. This plan does not apply retroactively or for wheelsets purchased on online auctions. Sign up today!

AC PATENTS

USA Patents

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7,490,406 / 8,371,660

Chinese Patents (PRC)

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ZL 2007 1 0198507.2 / ZL200710198508.7
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Taiwan Patents

478984 / M297339 / I286624
I267457 / 498037 / 1299705 / 099104598
I350253 / I353313 / I347907 / I415753 / I404640

Other patents applied



Bill Shook
President

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