

2012 DRAGON 29 SPORT



Gloss Black

UPGRADES/CHANGES FROM 2011

New Manitou Tower Expert ACT Air fork

FSA Orbit MX headset

New Avid Elixir 1 brakes

FEATURES/BENEFITS

Reynolds 520 butted chromoly tubes put the thicker section near the ends where the welds are and the tube stress is, creating a stronger tube and stiffer frame with outstanding feel.

Manitou's Tower Expert 29" fork utilizes the ACT air spring, a hybrid coil/air spring like the MARS spring. However, while the coil and air springs in the MARS system work in series and contribute equally to the spring rate, the ACT Air system consists of a coil spring inside an air chamber. The energy of an impact is primarily absorbed by the coil spring. The air chamber provides enough adjustability to set the proper amount of sag for a given rider weight, and also contributes a certain amount of bottom-out resistance.

WTB Speed Disc All mountain rims feature WTB's proprietary Global Bead System design that utilizes deeper grooves for the bead seats as well as two raised lips that lock the tire's bead in place on the rim. This holds the tire firmly in place and greatly reduces the chance of "burping" the tire off the rim in tubeless set-ups.

SRAM's X7 package offers high-end performance at a value pricepoint with their highly successful Impulse Technology, 1:1 Actuation and Direct Route cable technology for precise shifting with less effort.

SRAM's S800 crank arms are made from AL-6066 forged alloy which is 33% stronger than AL-6061.

Avid's Elixir 1 hydraulic disc brakes feature a new ambidextrous lever body with Tapered Bore technology, easy access 3mm tooling reach adjustment and two piece caliper: features found on higher lever Elixirs but now at an entry price.

Ritchey's cockpit parts are manufactured by a 3D-forging process, allowing the part to be three dimensionally shaped in a single step while carefully controlling inner wall thickness. This forging process yields optimal grain structure and eliminates all internal imperfections, allowing Ritchey to use less material without sacrificing strength or durability.

Our Jamis XC saddle features a long, narrow shell that offers multiple, efficient pedaling positions with a full length pressure relief channel for a more comfortable platform and strong-but-light chromoly rails.

Geax is regarded as one of the best tire manufacturers in the world, offering tires with higher thread counts and leading-edge compounds. Their Saguaros are renowned for offering a light, responsive ride.

SPECIFICATIONS

| | |
|-------------|---|
| Frame | Reynolds 520 chromoly main tubes and stays, reinforced head tube collars, gusseted down tube, forged dropouts |
| Fork | Manitou Tower Expert, ACT Air spring with TPC Absolute Plus damping technology, external rebound, Compression to 'lock' adjust, 32mm stanchions, aluminum steerer, 100mm travel |
| Headset | FSA Orbit MX, Alloy cups, ACB bearings |
| Wheels | WTB Speed Disc All Mountain eyeletted rims, 32H, Shimano M475 6-bolt disc hubs, WTB 14g stainless steel spokes |
| Tires | Geax Saguario 29 x 2.2" |
| Derailleurs | SRAM X7 medium cage rear and X7 28.6mm dual pull front |
| Shiftlevers | SRAM X7 trigger, 9-speed |
| Chain | KMC Z99 |
| Cassette | SRAM PG-950, 9-speed, 11-34 |
| Crankset | SRAM S800, 44/32/22, 170mm (15"), 175mm (17-21") |
| BB Set | SRAM GXP integrated |
| Pedals | Flats, alloy body/steel cage |
| Brakeset | Avid Elixir 1 hydraulic disc brakes with 180mm front & 160mm rear HS1 rotors |
| Handlebar | Ritchey Comp flat bar, 31.8 x 10° x 660mm |
| Stem | Ritchey OS, 6° rise x 90mm (15"), 100mm (17"), 110mm (19"), 120mm (21") |
| Grips | Jamis Lock-On, dual density |
| Seat Post | Ritchey 2-bolt, 27.2 x 350mm, with alloy QR clamp |
| Saddle | Jamis XC with pressure relief channel, chromo rails |
| Sizes | 15", 17", 19", 21" |
| Color | Gloss Black |
| Weight | 31.00lbs |

GEOMETRY

| SIZE | CENTER of BB to TOP of TT | EFFECTIVE TT LENGTH | HT ANGLE | ST ANGLE | CHAINSTAY | WHEELBASE | FORK RAKE | BB HEIGHT | HEADTUBE | STANDOVER |
|------|---------------------------|---------------------|----------|----------|-----------|------------|-----------|-----------|----------|-----------|
| 15" | 14.13/359 | 22.44/570 | 72° | 74° | 17.72/450 | 41.61/1057 | 1.50/38 | 11.93/303 | 4.33/110 | 29.88/759 |
| 17" | 16.14/410 | 23.23/590 | 72° | 73.5° | 17.72/450 | 42.16/1071 | 1.50/38 | 11.93/303 | 4.33/110 | 31.06/789 |
| 19" | 18.15/461 | 24.02/610 | 72° | 73° | 17.72/450 | 42.75/1086 | 1.50/38 | 11.93/303 | 4.33/110 | 32.20/818 |
| 21" | 20.12/511 | 24.61/625 | 72° | 73° | 17.72/450 | 43.34/1101 | 1.50/38 | 11.93/303 | 4.33/110 | 33.27/845 |