

# 2012 XENITH COMP



Natural Carbon

## UPGRADES/CHANGES FROM 2011

- Xenith Comp frame with PressFit 30 BB system
- Selle San Marco SPID Arrowhead saddle
- Shimano 10-Speed chain
- FSA PressFit 30 BB

## FEATURES/BENEFITS

Born from the same molds as our SL and Team, sharing many of the same design features, constructed with our lightweight-but-durable Dyad Plus lay-up.

The Xenith's Tri-Oval SST differential tubing diameters (larger diameters on larger frames, smaller diameters on smaller frames) support big riders without punishing smaller ones.

Designing the fork to incorporate a 1.5" crown race allowed us to produce a full-hollow fork, from steerer tube through crown and down to the dropouts: it's not just lighter, it's stronger!

Our seatstays run full length from dropout to seat tube increasing lateral stiffness while offering greater vertical compliance than standard larger diameter monostays.

Xenith's "muscle" shaped chainstays are asymmetrical, with the driveside 10% larger than the non-driveside, yielding 30% more volume & stiffness to offset drivetrain torque.

Our front derailleur clamp spreads shifting forces around the tube instead of localizing them at one point as would the more standard rivet-on front derailleur perch.

The top of the Xenith seat tube is slotted twice on each side to spread clamp torque around the tube, and seat posts are securely clamped with a lightweight 1-bolt 7075 seat clamp.

The larger 46mm bore diameter of the PressFit 30 BB system increases ply compaction yielding a lighter frame with increased frame strength. The key difference with PressFit 30 is how the bearings are fitted into the frame. Bearings are housed in nylon cups that are pressed into the frame's bottom bracket shell. Like BB30, PressFit 30 uses the same bearing that is designed for a 30mm spindle cranksets. Advantages of PressFit 30: Improved bearing-to-shell interface, greater bearing durability and simple installation.

Mavic CXP-22 rims mated with Formula smooth spinning hubs and black stainless spokes, meticulously built, make a great all-around wheelset.

FSA's Gossamer Press Fit 30 forged alloy crank with oversized aluminum axle is over 100g lighter than it's MegaExo counterpart.

FSA's compact chainring concept is revolutionary: a 34T inner chainring offers a 15% lower gear ratio than traditional 39T double ring'd road cranks, but the 50T outer loses only 6% off the top end compared to the 53T traditional outer. You get the hill climbing capability of a triple, yet less weight than a standard double

Shimano's new 105 drivetrain assures light, precise shifting over all 20 speeds.

Vittoria's Zaffiro slick 23c tires offer legendary, road-holding capability and superior ride quality.

Selle San Marco's new SPID Arrowhead saddle looks racy while at the same time is designed for comfortably thanks to the ergonomic shape and pressure relief cut-out in the shell.

## SPECIFICATIONS

Frame	High performance carbon fiber with mid-modulus fibers, Dyad Plus lay-up, tri-oval shaped top and down tubes with SST tubing diameters, 1 1/8-1 1/2" head tube, PressFit 30 BB shell, asymmetrical chainstays, twin seat stays, forged one-piece dropouts with replaceable derailleur hanger
Fork	Jamis Xenith Comp level, full carbon composite, 1.5" hollow formed crown, monocoque one-piece forming technology, carbon dropouts with stainless axle interfaces
Headset	FSA, integrated, sealed bearing, 1 1/8-1 1/2"
Wheels	Mavic CXP-22 rims with CNC sidewalls, 28/32H, Formula alloy hubs with QR and 14g black stainless steel spokes
Tires	Vittoria Zaffiro Slick, 700 x 23c
Derailleurs	Shimano 105 RD-5700 rear and 105 FD-5700 braze-on front with 34.9mm alloy clamp
Shiftlevers	Shimano 105, ST-5700 Dual Control STI, 20-Speed
Chain	KMC X10
Cassette	Shimano 10-Speed 11-25T
Crankset	FSA Gossamer compact double with Press Fit 30, 50/34T, 170mm (48/51), 172.5mm (54/56), 175mm (58/61)
BB Set	FSA PressFit 30
Pedals	N/A
Brakeset	Tektro R540 forged alloy dual pivot calipers with cartridge pads and Shimano 105 ST-5700 STI brake levers
Handlebar	Ritchey Logic, 6061 aluminum, 31.8 x 400mm (48/51) 420mm (54/56), 440mm (58/61)
Stem	Ritchey Road, 3D forged 6061 alloy, 6° x 90mm (48/51), 100mm (54/56), 120mm (58/61)
Tape	Jamis gel suede tape with Jamis logo and "J" end plug
Seat Post	Jamis carbon fiber micro-adjust, 31.6 x 300mm with Jamis 7075-AL CNC aluminum 1-bolt seat post clamp
Saddle	Selle San Marco SPID Arrowhead with Syntex cover and carbon steel rails
Sizes	48, 51, 54, 56, 58, 61cm
Color	Natural Carbon
Weight	19.00lbs

Road

## GEOMETRY

SIZE	CENTER of BB to TOP of TT	EFFECTIVE TT LENGTH	HT ANGLE	ST ANGLE	CHAINSTAY	WHEELBASE	FORK RAKE	BB HEIGHT	HEADTUBE	STANDOVER	STACK	REACH
48	16.77/426	20.27/515	72.5°	73°	15.94/405	37.09/942	1.69/43	10.67/271	3.94/100	28.11/714	19.76/502	14.21/361
51	18.42/468	20.83/529	73°	73°	15.94/405	37.52/953	1.69/43	10.67/271	4.72/120	29.41/747	20.59/523	14.57/370
54	19.13/486	21.42/544	73°	73°	15.94/405	38.07/967	1.69/43	10.67/271	5.51/140	30.16/766	21.34/542	14.88/378
56	19.92/506	22.24/565	73°	73°	15.94/405	38.90/988	1.69/43	10.67/271	6.30/160	30.86/784	22.09/561	15.51/394
58	20.55/522	22.83/580	73°	73°	15.94/405	39.49/1003	1.69/43	10.67/271	7.09/180	31.57/802	22.83/580	15.83/402
61	21.22/539	23.23/590	73°	73°	15.94/405	39.92/1014	1.69/43	10.67/271	7.87/200	32.12/816	23.58/599	16.02/407