

**PHYSICAL**

Colour	Titanium/gun metal
Length	1900mm (approx)
Width	680mm
Height	670mm
Track	650mm
Seat from road	250mm
Weight	22lbs (10kg)*
Rider weight max	220lbs (100kg)*

FRAME CONSTRUCTION

Rear main tube is 6000 T6 series Aluminium tubing bonded to Electron21 Magnesium lugs.

Front boom and arms are custom multi layer, high modulus carbon fibre construction, tuned balanced stack construction Bi Directional & Uni Directional, twill weave exterior.

Tubes are hand bonded using aerospace specification epoxy adhesives.

All frame fittings are taper bored spigot to reduce stress points and reduce weight,

Seat mounted on multi layer laminated carbon fibre leaf springs. Shore50 rubber seat mountings for improved damping

EQUIPMENT

Shimano Dura Ace 11sp shifters, with Shimano Ultegra Double chainset [50-34] 11speed Ultegra cassette 11.32, Shimano Ultegra front and rear derailleur mechanisms.

Alternative gearing can be specified if required, please ask.

All cables Shimano SLR cable system

Chain pulleys Advanced Velo Design large diameter, non toothed giving lower resistance.

AXLES

Titanium 6Al-4V, with additional weight saving machining

FASTENERS

Aircraft grade Aluminium, Titanium where applicable. Most fastenings are aluminium unless critical.

BEARINGS

High quality SKF labyrinth roller bearings throughout, modified for lower rolling resistance,

WHEELS**FRONT**

Modified (lighter) Sturmey Archer 70mm single sided drum brake laced to 28hole x 406 rims, Sapin stainless steel spokes, brass nipples.

Rim profile optimised with tyres to give greater aerodynamic efficiency and minimise rolling resistance

REAR

AVD/Burrows hub laced to 32 hole x 559 eyeleted rim, stainless steel spokes, brass nipples.

Rim profile optimised with tyres to give greater aerodynamic efficiency and minimise rolling resistance

TYRES

Continental Grand Prix or Schwalbe One, front 406x25 rear 559x25, Other tyres can be specified if required, please ask.

SEAT

Carbon (High Modulus) composite, with Ventisit seat cushion (2 thicknesses available), washable and fast drying.

BESPOKE SIZING

Custom fit to riders individual specifications, 50mm adjustment with seat on main tube. Special engineering options available for disabled users.

From £4553* (Net Ex Works)

Dependant on final spec, tax and shipping – please enquire for details or for Euro and US prices.

Image for reference only. Specification may alter, depending on availability of parts, we always look to upgrade rather than compromise the performance, contact us for further details if unsure