



### Geometry Chart

Size	49cm	52.5cm	54.5cm	56cm	57.5cm	59cm	61cm
<b>A.EffectiveTopTube</b>	499	525	545	560	575	590	610
<b>B.StandOver</b>	670.2	714.48	744.3	770.11	785.96	808.4	830.55
<b>C.Reach</b>	360.24	368.13	371.97	381.19	390.42	399.65	407.74
<b>D.Stack</b>	517.85	547.09	565.97	584.85	603.73	622.61	641.5
<b>E.TotalSeatTubeLength</b>	390	440	475	510	520	545	570
<b>F.HeadtubeLength</b>	90	120	140	160	180	200	220
<b>G.HeadtubeAngle</b>	71	70.75	70.75	70.75	70.75	70.75	70.75
<b>H.SeatTubeAngle</b>	75	74	73	73	73	73	72.5
<b>I.BBDrop</b>	70	70	70	70	70	70	70
<b>J.BBHeight</b>	279	279	279	279	279	279	279
<b>K.ChainstayLength</b>	430	430	430	430	430	430	430
<b>L.ForkLengthAxletoCrown</b>	405	405	405	405	405	405	405
<b>M.ForkOffset</b>	50	50	50	50	50	50	50
<b>N.Wheelbase</b>	996.14	1011.96	1022.39	1038.21	1054.03	1069.85	1084.54
<b>CrankArmLength</b>	165	170	170	172.5	172.5	175	175
<b>HandlebarWidth</b>	380	400	420	440	460	460	460
<b>RecommendedRiderHeight</b>	142cm-157cm	155cm-165cm	162cm-173cm	170cm-180cm	178-188cm	185-193cm	190cm-UP
<b>StemLength</b>	70	70	80	90	90	100	110

### Measurements based on

- A Warbird Carbon Fork which is 405 x 50mm offsetA 700c x 32mm tire measuring 698mm in diameter
- Standover for all sizes is measured vertically to top of toptube from a position 50mm forward of BB center