



Geometry Chart

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

Measurements based on

- A Warbird Carbon Fork which is 405 x 50mm offset
- A 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