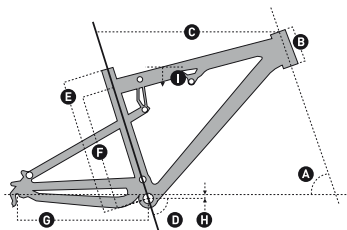




SERVICE

GEOMETRY

SPARK



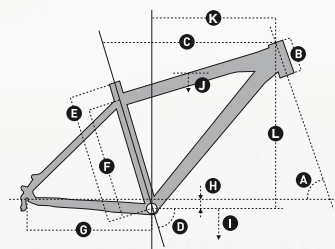
SPARK CARBON

Size	A	B		C		D	E		F		G		H		I		wheel base		Stem length
	head angle °	mm	inches	mm	inches	°	mm	inches	mm	inches	mm	inches	mm	inches	mm	inches	mm	inches	mm
S	69.5	110	4.3	555	21.9	73.5	400	15.7	337	13.3	422	16.6	-10	-0.4	727	28.6	1055	41.5	90
M	69.8	120	4.7	585	23.0	73.5	450	17.7	387	15.2	422	16.6	-10	-0.4	758	29.8	1082	42.6	90
L	70.0	140	5.5	610	24.0	73.5	490	19.3	429	16.9	422	16.6	-10	-0.4	789	31.1	1106	43.5	100
XL	70.0	160	6.3	640	25.2	73.5	540	21.3	479	18.9	422	16.6	-10	-0.4	825	32.5	1137	44.8	110

SPARK ALLOY

S	69	110	4.3	555	21.9	73.5	400	15.7	337	13.3	422	16.6	-7	-0.3	727	28.6	1067	42.0	90
M	69	120	4.7	585	23.0	73.5	450	17.7	387	15.2	422	16.6	-7	-0.3	758	29.8	1098	43.2	90
L	69	140	5.5	610	24.0	73.5	490	19.3	429	16.9	422	16.6	-7	-0.3	789	31.1	1125	44.3	100
XL	69	160	6.3	640	25.2	73.5	540	21.3	479	18.9	422	16.6	-7	-0.3	825	32.5	1151	45.3	110

SCALE



SCALE 26"

Size	A	B		C		D	E		F		G		H		I		J		wheel base		Reach		Stack		Stem length
	head angle °	mm	inches	mm	inches	°	mm	inches	mm	inches	mm	inches	mm	inches	mm	inches	mm	inches	mm	inches	mm	inches	mm	inches	mm
XS(alloy model)	70	100	3.9	540	21.3	73.5	350	13.8	284	11.2	420	16.5	-30	-1.2	310	12.2	695	27.4	1025	40.4	380	15.0	552	21.7	80
S	70	110	4.3	555	21.9	73.5	390	15.4	324	12.8	420	16.5	-30	-1.2	310	12.2	733	28.9	1073	42.2	387	15.2	566	22.3	80
M	70	120	4.7	585	23.0	73.5	440	17.3	374	14.7	420	16.5	-30	-1.2	310	12.2	765	30.1	1073	42.2	414	16.3	576	22.7	90
L	70	135	5.3	610	24.0	73.5	480	18.9	414	16.3	420	16.5	-30	-1.2	310	12.2	792	31.2	1099	43.3	435	17.1	590	23.2	100
XL	70	160	6.3	640	25.2	73.5	530	20.9	464	18.3	420	16.5	-30	-1.2	310	12.2	830	32.7	1131	44.5	458	18.0	613	24.1	110
XXL(alloy model)	70	170	6.7	650	25.6	73.5	580	22.8	514	20.2	420	16.5	-30	-1.2	310	12.2	862	33.9	1140	44.9	465	18.3	618	24.3	120

SCALE 29" CARBON

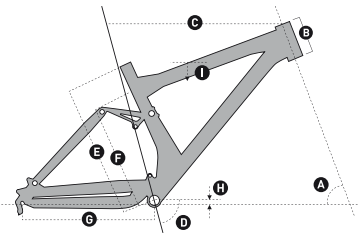
M	69.5	105	4.1	600	23.6	72.5	440	17.3	375	14.8	438	17.2	-60	-2.4	310	12.2	783	30.8	1096	43.1	405	15.9	618	24.3	80
L	69.5	115	4.5	620	24.4	72.5	480	18.9	415	16.3	438	17.2	-60	-2.4	310	12.2	810	31.9	1117	44.0	422	16.6	628	24.7	90
XL	69.5	125	4.9	640	25.2	72.5	530	20.9	465	18.3	438	17.2	-60	-2.4	310	12.2	842	33.1	1137	44.8	439	17.3	637	25.1	100

SCALE 29" ALLOY

Size	A	B		C		D	E		F		G		H		J		wheel base		Stem length
	head angle °	mm	inches	mm	inches	°	mm	inches	mm	inches	mm	inches	mm	inches	mm	inches	mm	inches	mm
S	69.5	105	4.1	590	23.2	72.5	395	15.6	333	13.1	440	17.3	-60	-2.4	753	29.6	1086	42.8	70
M	69.5	115	4.5	600	23.6	72.5	440	17.3	378	14.9	440	17.3	-60	-2.4	785	30.9	1097	43.2	80
L	69.5	125	4.9	620	24.4	72.5	480	18.9	418	16.5	440	17.3	-60	-2.4	811	31.9	1127	44.4	90
XL	69.5	140	5.5	640	25.2	72.5	530	20.9	468	18.4	440	17.3	-60	-2.4	848	33.4	1141	44.9	100



GENIUS



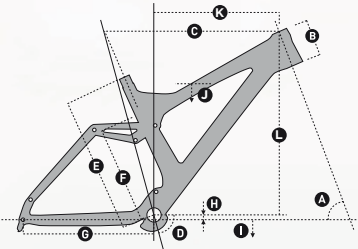
GENIUS CARBON

Size	A	B		C		D	E		F		G		H		I		wheel base		Stem length
	head angle °	mm	inches	mm	inches	°	mm	inches	mm	inches	mm	inches	mm	inches	mm	inches	mm	inches	mm
S	68.3	100	3.9	555	21.9	73.5	440	17.3	337	13.3	428	16.9	10	0.4	771	30.4	1088	42.8	80
M	68.5	115	4.5	585	23.0	73.5	450	17.7	358	14.1	428	16.9	10	0.4	786	30.9	1117	44.0	80
L	68.7	135	5.3	610	24.0	73.5	475	18.7	384	15.1	428	16.9	10	0.4	807	31.8	1141	44.9	90
XL	68.9	160	6.3	640	25.2	73.5	500	19.7	410	16.1	428	16.9	10	0.4	830	32.7	1171	46.1	100

GENIUS ALLOY

S	68.5	110	4.3	555	21.9	73.5	440	17.3	336	13.2	428	16.9	10	0.4	778	30.6	1086	42.8	80
M	68.5	120	4.7	585	23.0	73.5	450	17.7	358	14.1	428	16.9	10	0.4	791	31.1	1117	44.0	80
L	68.5	135	5.3	610	24.0	73.5	475	18.7	384	15.1	428	16.9	10	0.4	810	31.9	1144	45.0	90
XL	68.5	160	6.3	640	25.2	73.5	500	19.7	410	16.1	428	16.9	10	0.4	833	32.8	1176	46.3	100

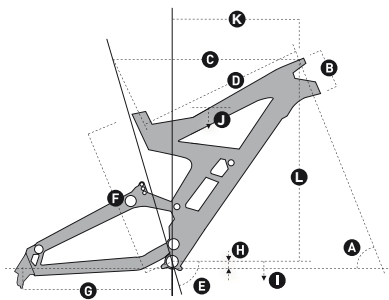
GENIUS LT



Size	A	B		C		D	E		F		G		H		I		J		K		L		Stem length		
	head angle	head tube		top tube horizontal		seat angle	BB center to top of seattube		BB center to toptube center		chainstay		BB offset		BB height		standover height		wheel base		Reach			Stack	
	°	mm	inches	mm	inches	°	mm	inches	mm	inches	mm	inches	mm	inches	mm	inches	mm	inches	mm	inches	mm	inches		mm	
S (High setting)	67.0	120	4.7	560	22.0	74.2	440	17.3	306	12.0	428	16.9	23	0.9	367	14.4	779	30.7	1122	44.2	390	15.4	594	23.4	60
S (Low setting)	66.3	120	4.7	560	22.0	73.5	440	17.3	306	12.0	428	16.9	15	0.6	358	14.1	775	30.5	1125	44.3	383	15.1	599	23.6	60
M (High setting)	67.0	120	4.7	585	23.0	74.2	460	18.1	310	12.2	428	16.9	23	0.9	367	14.4	780	30.7	1147	45.2	414	16.3	594	23.4	60
M (Low setting)	66.3	120	4.7	585	23.0	73.5	460	18.1	310	12.2	428	16.9	15	0.6	358	14.1	775	30.5	1150	45.3	408	16.1	599	23.6	60
L (High setting)	67.0	120	4.7	610	24.0	74.2	490	19.3	326	12.8	428	16.9	23	0.9	367	14.4	788	31.0	1172	46.1	439	17.3	594	23.4	70
L (Low setting)	66.3	120	4.7	610	24.0	73.5	490	19.3	326	12.8	428	16.9	15	0.6	358	14.1	783	30.8	1175	46.3	433	17.0	599	23.6	70



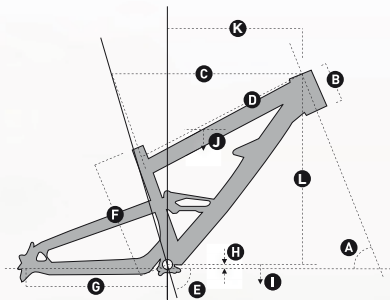
GAMBLER



Size	A	B		C		D	E	F		G		H		I		J		K		L		Stem length			
	head angle	head tube		top tube horizontal		top tube actual	seat angle	BB center to top of seattube		chainstay		BB offset		BB height		standover height		wheel base		Reach			Stack		
	°	mm	inches	mm	inches	mm	inches	°	mm	inches	mm	inches	mm	inches	mm	inches	mm	inches	mm	inches	mm		inches		
Short	64.0	115	4.5	565	22.2	496	19.5	72.0	425	16.7	430	16.9	19	0.7	364	14.3	790	31.1	1135	44.7	374.5	14.7	586	23.1	50
Long	64.0	115	4.5	600	23.6	527	20.7	72.0	425	16.7	430	16.9	19	0.7	364	14.3	790	31.1	1170	46.1	409.5	16.1	586	23.1	50

measured with 203mm fork (Fork length 579mm)

VOLTAGE FR

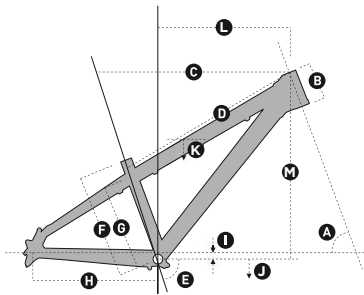


	A	B		C		D		E	F		G		H		I		J				K	L			
Size	head angle	head tube		top tube horizontal		top tube actual		seat angle	BB center to top of seattube		chainstay		BB offset		BB height		standover height		wheel base		Reach		Stack		Stem length
	°	mm	inches	mm	inches	mm	inches	°	mm	inches	mm	inches	mm	inches	mm	inches	mm	inches	mm	inches	mm	inches	mm		
Short	65.0	118	4.6	557	21.9	533	21.0	73.3	365	14.4	425	16.7	3	0.1	348	13.7	777	30.6	1134	44.6	394	15.5	567	22.3	50
Long	65.0	118	4.6	582	22.9	555	21.9	73.3	365	14.4	425	16.7	3	0.1	348	13.7	777	30.6	1159	45.6	419	16.5	567	22.3	50

measured with 180mm fork (Fork length 565mm)



VOLTAGE



VOLTAGE YZ TMO FRAME A

Size	A		B		C		D		E		F		G		H		I		J		K		L		M		Stem length
	head angle	head tube	top tube horizontal		top tube actual		seat angle	BB center to top of seattube		BB center to toptube center		chainstay	BB offset		BB height		standover height		wheel base		Reach		Stack				
	°	mm	inches	mm	inches	mm	inches	°	mm	inches	mm	inches		mm	inches	mm	inches	mm	inches	mm	inches	mm	inches	mm	inches		
one size	68.5	110	4.3	595	23.4	567	22.3	71.0	316	12.4	266	10.5	385mm with IDS washer +5mm or -6mm	-15	-0.6	325	12.8	702	27.6	1050	41.3	400	15.7	567	22.3	40	

VOLTAGE YZ 0.1 FRAME B

one size	68.5	°	110	inches	575	inches	568	inches	74.0	°	330	inches	280	inches	405	inches	-15	inches	325	inches	707	inches	1078	inches	414	inches	562	inches	40
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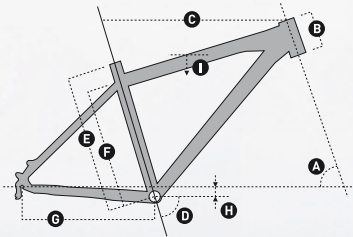
VOLTAGE YZ FRAME C

Size	A		B		C		D		E		F		G		H		I		J		K		wheel base		Stem length
	head angle		head tube		top tube horizontal		top tube actual		seat angle		BB center to top of seat tube		BB center to toptube center		chainstay		BB offset		BB height		standover height		mm	inches	mm
XS	68.5	°	100	inches	540	inches	538	inches	74.0	°	330	inches	280	inches	420	inches	-32	inches	303	inches	684	inches	1050	inches	40
S	69.0	°	110	inches	550	inches	538	inches	73.5	°	370	inches	320	inches	420	inches	-32	inches	303	inches	715	inches	1050	inches	40
M	69.0	°	120	inches	560	inches	541	inches	73.0	°	410	inches	360	inches	420	inches	-32	inches	303	inches	746	inches	1055	inches	40
L	69.5	°	135	inches	570	inches	548	inches	73.0	°	460	inches	410	inches	420	inches	-32	inches	303	inches	786	inches	1061	inches	60
XL	69.5	°	150	inches	585	inches	562	inches	73.0	°	510	inches	550	inches	420	inches	-32	inches	303	inches	823	inches	1077	inches	60

VOLTAGE YZ FRAME D

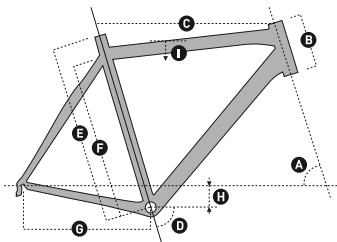
one size	69.0	°	110	inches	585	inches	574	inches	74.0	°	330	inches	280	inches	405	inches	-25	inches	315	inches	707	inches	1073	inches	422	inches	40
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ASPECT



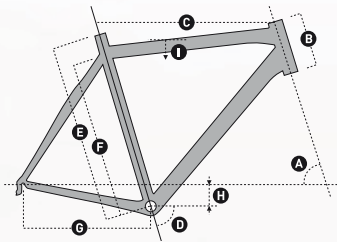
Size	A		B		C		D		E		F		G		H		I		wheel base		Stem length
	head angle		head tube		top tube horizontal		seat angle		BB center to top of seat tube		BB center to toptube center		chainstay		BB offset		standover height		mm	inches	mm
XS	69.5	°	105	inches	545	inches	74.5	°	350	inches	296	inches	427	inches	-32	inches	739	inches	1055	inches	60
S	70.0	°	115	inches	555	inches	74.0	°	390	inches	336	inches	427	inches	-32	inches	758	inches	1055.4	inches	75
M	70.5	°	130	inches	570	inches	73.5	°	440	inches	386	inches	427	inches	-32	inches	778	inches	1060.6	inches	90
L	70.5	°	145	inches	585	inches	73.5	°	500	inches	446	inches	427	inches	-32	inches	799	inches	1076.4	inches	100
XL	71.0	°	160	inches	600	inches	73.0	°	570	inches	516	inches	427	inches	-32	inches	817	inches	1080.7	inches	110
XXL	71.0	°	175	inches	620	inches	73.0	°	600	inches	546	inches	427	inches	-32	inches	847	inches	1101.2	inches	120

ADDICT



Size	A	B		C		D	E		F		G		H		I		wheel base		Stem length
	head angle °	mm	inches	mm	inches	seat angle °	mm	inches	mm	inches	mm	inches	mm	inches	mm	inches	mm	inches	
XXS / 47	70.5	100	3.9	510	20.1	74.5	470	18.5	410	16.1	405	15.9	-67	-2.6	718	28.3	972	38.3	90
XS / 49	71.0	105	4.1	520	20.5	74.5	490	19.3	430	16.9	405	15.9	-67	-2.6	732	28.8	978	38.5	100
S / 52	72.0	120	4.7	535	21.1	74.0	520	20.5	460	18.1	405	15.9	-67	-2.6	756	29.8	980	38.6	110
M / 54	73.0	140	5.5	550	21.7	73.3	540	21.3	480	18.9	405	15.9	-67	-2.6	777	30.6	980	38.6	110
L / 56	73.0	160	6.3	565	22.2	73.3	560	22.0	500	19.7	405	15.9	-67	-2.6	795	31.3	995	39.2	110
XL / 58	73.3	180	7.1	580	22.8	73.0	580	22.8	520	20.5	405	15.9	-67	-2.6	815	32.1	1003	39.5	120
XXL / 61	73.3	200	7.9	595	23.4	72.5	610	24.0	550	21.7	405	15.9	-67	-2.6	839	33.0	1017	40.0	130

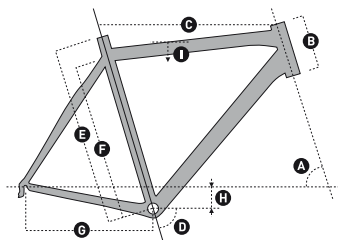
CR1



Size	A	B		C		D	E		F		G		H		I		wheel base		Stem length
	head angle °	mm	inches	mm	inches	seat angle °	mm	inches	mm	inches	mm	inches	mm	inches	mm	inches	mm	inches	
XXS / 47	70.5	111	4.4	505	19.9	75.0	470	18.5	410	16.1	405	15.9	-67	-2.6	723	28.5	975	38.4	90
XS / 49	71.0	116	4.6	515	20.3	75.0	490	19.3	430	16.9	405	15.9	-67	-2.6	737	29.0	978	38.5	100
S / 52	73.0	136	5.4	530	20.9	74.5	520	20.5	460	18.1	405	15.9	-67	-2.6	765	30.1	980	38.6	110
M / 54	73.0	156	6.1	545	21.5	74.0	540	21.3	480	18.9	405	15.9	-67	-2.6	784	30.9	981	38.6	110
L / 56	73.0	176	6.9	560	22.0	73.5	560	22.0	500	19.7	405	15.9	-67	-2.6	803	31.6	992	39.0	110
XL / 58	73.0	196	7.7	575	22.6	73.3	580	22.8	520	20.5	405	15.9	-67	-2.6	823	32.4	1001	39.4	120
XXL / 61	73.0	216	8.5	595	23.4	73.3	610	24.0	550	21.7	405	15.9	-67	-2.6	847	33.3	1021	40.2	130



SPEEDSTER



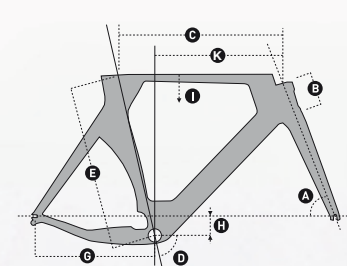
RACING HANDLEBAR

Size	A	B		C		D	E		F		G		H		I		wheel base		Stem length
	head angle °	head tube mm inches		top tube horizontal mm inches		seat angle °	BB center to top of seat tube mm inches		BB center to top tube center mm inches		chainstay mm inches		BB offset mm inches		standover height mm inches		mm inches		mm
XXS / 47	70.5	105 4.1		505 19.9		75.0	470 18.5		410 16.1		405 15.9		-67 -2.6		713 28.1		970 38.2		90
XS / 49	71.0	110 4.3		515 20.3		75.0	490 19.3		430 16.9		405 15.9		-67 -2.6		733 28.9		976 38.4		100
S / 52	72.5	130 5.1		530 20.9		74.5	520 20.5		460 18.1		405 15.9		-67 -2.6		753 29.6		974 38.3		110
M / 54	73.0	150 5.9		545 21.5		74.0	540 21.3		480 18.9		405 15.9		-67 -2.6		778 30.6		980 38.6		110
L / 56	73.0	170 6.7		560 22.0		73.5	560 22.0		500 19.7		405 15.9		-67 -2.6		791 31.1		989 39.0		110
XL / 58	73.3	190 7.5		575 22.6		73.3	580 22.8		520 20.5		405 15.9		-67 -2.6		811 31.9		999 39.3		120
XXL / 61	73.3	210 8.3		595 23.4		73.3	610 24.0		550 21.7		405 15.9		-67 -2.6		827 32.6		1019 40.1		130

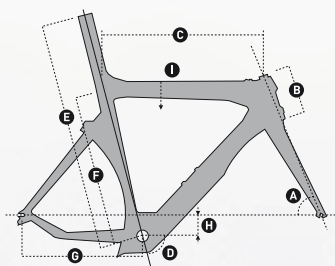
FLAT HANDLEBAR

XXS / 47	70.5	105 4.1		505 19.9		75.0	470 18.5		410 16.1		420 16.5		-67 -2.6		716 28.2		985 38.8		90
XS / 49	71.0	110 4.3		515 20.3		75.0	490 19.3		430 16.9		420 16.5		-67 -2.6		736 29.0		991 39.0		100
S / 52	72.5	130 5.1		530 20.9		74.5	520 20.5		460 18.1		420 16.5		-67 -2.6		756 29.8		989 38.9		110
M / 54	73.0	150 5.9		545 21.5		74.0	540 21.3		480 18.9		420 16.5		-67 -2.6		781 30.7		995 39.2		110
L / 56	73.0	170 6.7		560 22.0		73.5	560 22.0		500 19.7		420 16.5		-67 -2.6		794 31.3		1005 39.6		110
XL / 58	73.3	190 7.5		575 22.6		73.3	580 22.8		520 20.5		420 16.5		-67 -2.6		815 32.1		1014 39.9		120
XXL / 61	73.3	210 8.3		595 23.4		73.3	610 24.0		550 21.7		420 16.5		-67 -2.6		830 32.7		1034 40.7		130

PLASMA



Plasma 3



Plasma 2

PLASMA 3

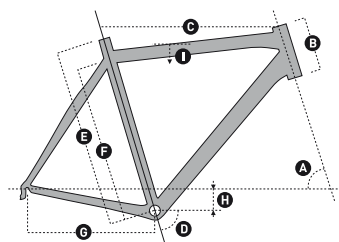
Size	A	B		C		D	E		G		H		I		K	Stem length
	head angle °	head tube mm inches		top tube horizontal mm inches		seat angle °	BB center to top of seat tube mm inches		chainstay mm inches		BB offset mm inches		standover height mm inches		Reach mm inches	mm
S/52	72.5	108 4.3		517 20.4		76	510 20.1		405 15.9		-65 -2.6		780 30.7		390 15.4	75
M/54	73.0	138 5.4		550 21.6		76	540 21.3		405 15.9		-65 -2.6		810 31.9		415 16.3	75
L/56	73.0	169 6.7		572 22.5		76	570 22.4		405 15.9		-65 -2.6		840 33.1		430 16.9	90

PLASMA 2

Size	A	B		C		D	E		F		G		H		I	wheel base		Stem length
	head angle °	head tube mm inches		top tube horizontal mm inches		seat angle °	BB center to top of seat tube mm inches		BB center to top tube center mm inches		chainstay mm inches		BB offset mm inches		standover height mm inches	mm inches		mm
XXS / 47	71.0	90 3.5		490 19.3		76.0	640 25.2		464.9 18.3		406 16		-70 -2.8		720 28.3	960 37.8		80
XS / 49	71.5	100 3.9		505 19.9		76.0	680 26.8		476.4 18.8		406 16		-70 -2.8		739 29.1	972 38.3		90
S / 52	72.0	110 4.3		520 20.5		76.0	720 28.3		487.9 19.2		406 16		-70 -2.8		759 29.9	983 38.7		90
M / 54	72.5	120 4.7		535 21.1		76.0	760 29.9		499.4 19.7		406 16		-70 -2.8		779 30.7	995 39.2		110
L / 56	72.5	140 5.5		552 21.7		76.0	800 31.5		519.1 20.4		406 16		-70 -2.8		798 31.4	1013 39.9		110

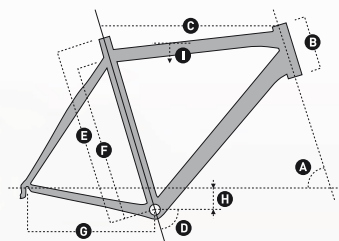


CYCLOCROSS



Size	A	B		C		D	E		F		G		H		I		wheel base		Stem length
	head angle °	head tube mm	inches	top tube horizontal mm	inches	seat angle °	BB center to top of seat tube mm	inches	BB center to top tube center mm	inches	chainstay mm	inches	BB offset mm	inches	standover height mm	inches	mm	inches	mm
S	70.0	100	3.9	520	20.5	74.0	520	20.5	450	17.7	422	16.6	-60	-2.4	758	29.8	1008.9	39.7	110
M	70.5	120	4.7	530	20.9	73.5	540	21.3	470	18.5	422	16.6	-60	-2.4	783	30.8	1010.6	39.8	110
L	71.0	140	5.5	545	21.5	73.0	560	22.0	490	19.3	422	16.6	-60	-2.4	796	31.3	1016.4	40.0	110
XL	71.0	160	6.3	560	22.0	73.0	580	22.8	510	20.1	422	16.6	-60	-2.4	817	32.2	1032.2	40.6	120

SPORTSTER



E-SPORTSTER MEN & SPORTSTER MEN 10 - 55

Size	A	B		C		D	E		F		G		H		I		wheel base		Stem length
	head angle °	head tube mm	inches	top tube horizontal mm	inches	seat angle °	BB center to top of seat tube mm	inches	BB center to top tube center mm	inches	chainstay mm	inches	BB offset mm	inches	standover height mm	inches	mm	inches	mm
S	71.0	105	4.1	567	22.3	73.0	450	17.7	379	14.9	456	18	-56	-2.2	758	29.8	1068	42.1	75
M	71.5	125	4.9	577	22.7	72.5	480	18.9	409	16.1	456	18	-56	-2.2	785	30.9	1068	42.0	90
L	72.0	145	5.7	592	23.3	72.5	510	20.1	439	17.3	456	18	-56	-2.2	811	31.9	1077	42.4	100
XL	72.5	165	6.5	608	23.9	72.0	550	21.7	479	18.9	456	18	-56	-2.2	843	33.2	1081	42.6	110

SPORTSTER MEN 60

S	69.5	130	5.1	555	21.9	73.5	440	17.3	383	15.1	456	18.0	-60	-2.4	735	28.9	1080	42.5	80
M	70.0	135	5.3	567	22.3	73.0	480	18.9	420	16.5	456	18.0	-60	-2.4	762	30.0	1082	42.6	90
L	70.5	155	6.1	577	22.7	72.5	520	20.5	455	17.9	456	18.0	-60	-2.4	792	31.2	1082	42.6	100
XL	71.0	175	6.9	592	23.3	72.5	550	21.7	483	19.0	456	18.0	-60	-2.4	817	32.2	1093	43.0	110

E-SPORTSTER SOLUTION & SPORTSTER SOLUTION 10 - 30

S	70.5	115	4.5	550	21.7	73.5	420	16.5	320	12.6	456	18	-56	-2.2	729	28.7	1059	41.7	75
M	71.0	130	5.1	565	22.2	73.0	460	18.1	353	13.9	456	18	-56	-2.2	755	29.7	1063	41.9	90
L	71.5	155	6.1	575	22.6	72.5	500	19.7	393	15.5	456	18	-56	-2.2	792	31.2	1074	42.3	100
XL	72.0	180	7.1	590	23.2	72.5	540	21.3	434	17.1	456	18	-56	-2.2	826	32.5	-	-	100

SPORTSTER LADY 40-55

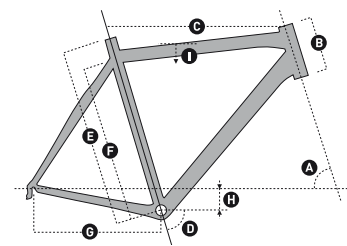
S	70.5	115	4.5	550	21.7	73.5	420	16.5	240	9.4	456	18.0	-56	-2.2	663	26.1	1059	41.7	70
M	71.0	130	5.1	565	22.2	73.0	460	18.1	240	9.4	456	18.0	-56	-2.2	668	26.3	1063	41.9	80
L	71.5	155	6.1	575	22.6	72.5	500	19.7	250	9.8	456	18.0	-56	-2.2	688	27.1	1074	42.3	90
XL	72.0	180	7.1	590	23.2	72.5	540	21.3	250	9.8	456	18.0	-56	-2.2	695	27.4	-	-	100

SPORTSTER LADY 60

S	69.5	145	5.7	550	21.7	73.5	420	16.5	240	9.4	456	18	-60	-2.4	644	25.4	1076	42.4	70
M	70.0	160	6.3	565	22.2	73.0	460	18.1	240	9.4	456	18	-60	-2.4	649	25.6	1081	42.6	80
L	70.5	185	7.3	575	22.6	72.5	500	19.7	250	9.8	456	18	-60	-2.4	668	26.3	1081	42.6	90



SUB



E-SUB MEN & SUB MEN

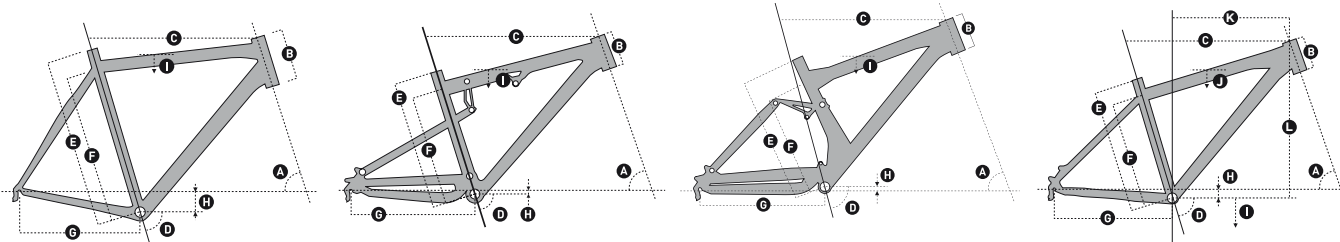
Size	A	B		C		D	E		F		G		H		I		wheel base		Stem length
	head angle	head tube		top tube horizontal		seat angle	BB center to top of seat tube		BB center to top tube center		chainstay		BB offset		standover height		mm	inches	
	°	mm	inches	mm	inches	°	mm	inches	mm	inches	mm	inches	mm	inches	mm	inches	mm	inches	mm
S	70.5	145	5.7	555	21.9	73.5	440	17.3	373	14.7	456	18.0	-60	-2.4	735	28.9	1073	42.2	90
M	71.0	155	6.1	567	22.3	73.0	480	18.9	414	16.3	456	18.0	-60	-2.4	763	30.0	1074	42.3	90
L	71.5	175	6.9	577	22.7	72.5	520	20.5	454	17.9	456	18.0	-60	-2.4	795	31.3	1075	42.3	100
XL	72.0	195	7.7	592	23.3	72.5	550	21.7	484	19.0	456	18.0	-60	-2.4	821	32.3	1080	42.5	100

E-SUB SOLUTION & SUB SOLUTION

S	70.0	155	6.1	540	21.3	73.5	430	16.9	341	13.4	456	18	-60	-2.4	722	28.4	1043	41.0	80
M	70.5	165	6.5	550	21.7	73.5	470	18.5	363	14.3	456	18	-60	-2.4	739	29.1	1044	41.1	80
L	71.0	185	7.3	565	22.2	73.0	510	20.1	404	15.9	456	18	-60	-2.4	771	30.4	1055	41.5	90
XL	71.5	205	8.1	578	22.8	72.0	540	21.3	434	17.1	456	18	-60	-2.4	798	31.4	1061	41.8	100



CONTESSA



CONTESSA CR1

Size	A	B		C		D	E		F		G		H		I		wheel base		Stem length
	head angle °	mm	inches	mm	inches	°	mm	inches	mm	inches	mm	inches	mm	inches	mm	inches	mm	inches	
XXS / 47	70.5	105	4.1	505	19.9	75.0	470	18.5	410	16.1	405	15.9	-67	-2.6	710	28.0	975	38.4	70
XS / 49	71.0	110	4.3	515	20.3	75.0	490	19.3	430	16.9	405	15.9	-67	-2.6	730	28.7	978	38.5	80
S / 52	72.5	130	5.1	530	20.9	74.5	520	20.5	460	18.1	405	15.9	-67	-2.6	750	29.5	980	38.6	90
M / 54	73.0	150	5.9	545	21.5	74.0	540	21.3	480	18.9	405	15.9	-67	-2.6	775	30.5	981	38.6	100
L / 56	73.0	170	6.7	560	22.0	73.5	560	22.0	500	19.7	405	15.9	-67	-2.6	788	31.0	992	39.0	110

CONTESSA SPEEDSTER

XXS / 47	70.5	105	4.1	505	19.9	75.0	470	18.5	410	16.1	405	15.9	-67	-2.6	713	28.1	975	38.4	70
XS / 49	71.0	110	4.3	515	20.3	75.0	490	19.3	430	16.9	405	15.9	-67	-2.6	733	28.9	978	38.5	80
S / 52	72.5	130	5.1	530	20.9	74.5	520	20.5	460	18.1	405	15.9	-67	-2.6	753	29.6	980	38.6	90
M / 54	73.0	150	5.9	545	21.5	74.0	540	21.3	480	18.9	405	15.9	-67	-2.6	778	30.6	981	38.6	100
L / 56	73.0	170	6.7	560	22.0	73.5	560	22.0	500	19.7	405	15.9	-67	-2.6	791	31.1	992	39.0	110

CONTESSA SPARK RC CARBON

S	69.0	110	4.3	555	21.9	73.5	400	15.7	337	13.3	422	16.6	-10	-0.4	727	28.6	1055	41.5	70
M	69.0	120	4.7	585	23.0	73.5	450	17.7	387	15.2	422	16.6	-10	-0.4	758	29.8	1082	42.6	80
L	69.0	140	5.5	610	24.0	73.5	490	19.3	429	16.9	422	16.6	-10	-0.4	789	31.1	1106	43.5	90

CONTESSA SPARK ALLOY

S	69.0	110	4.3	535	21.1	73.5	400	15.7	350	13.8	422	16.6	-7	-0.3	727	28.6	1048	41.3	75
M	69.0	120	4.7	565	22.2	73.5	450	17.7	400	15.7	422	16.6	-7	-0.3	758	29.8	1079	42.5	75
L	69.0	140	5.5	590	23.2	73.5	490	19.3	440	17.3	422	16.6	-7	-0.3	789	31.1	1105	43.5	90

CONTESSA GENIUS

S	68.3	100	3.9	555	21.9	73.5	440	17.3	337	13.3	428	16.9	10	0.4	771	30.4	1088	42.8	80
M	68.5	115	4.5	585	23.0	73.5	450	17.7	358	14.1	428	16.9	10	0.4	786	30.9	1117	44.0	80
L	68.7	135	5.3	610	24.0	73.5	475	18.7	384	15.1	428	16.9	10	0.4	807	31.8	1141	44.9	90

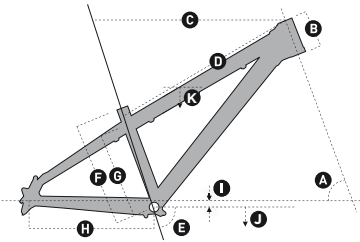
CONTESSA ALLOY HARDTAIL

XS	69.0	100	3.9	540	21.3	74.0	330	13	280	11.0	430	16.9	-32	-1.3	699	27.5	1049	41.3	60
S	69.5	110	4.3	545	21.5	73.5	370	14.6	320	12.6	430	16.9	-32	-1.3	718	28.3	1045	41.1	75
M	70.0	120	4.7	555	21.9	73.0	410	16.1	360	14.2	430	16.9	-32	-1.3	738	29.1	1045	41.1	75
L	70.0	135	5.3	565	22.2	73.0	460	18.1	410	16.1	430	16.9	-32	-1.3	758	29.8	1056	41.6	90
XL	70.5	150	5.9	575	22.6	73.0	510	20.1	460	18.1	430	16.9	-32	-1.3	778	30.6	1061	41.8	90

CONTESSA SCALE

Size	A	B		C		D	E		F		G		H		I		J		K		L		Stem length		
	head angle	head tube		top tube horizontal		seat angle	BB center to top of seattube		BB center to toptube center		chainstay		BB offset		BB height		standover height		wheel base		Reach			Stack	
	°	mm	inches	mm	inches	°	mm	inches	mm	inches	mm	inches	mm	inches	mm	inches	mm	inches	mm	inches	mm	inches	mm		
XS(alloy model)	70	100	3.9	540	21.3	73.5	350	13.8	284	11.2	420	16.5	-30	-1.2	310	12.2	695	27.4	1025	40.4	380	15.0	552	21.7	80
S	70	110	4.3	555	21.9	73.5	390	15.4	324	12.8	420	16.5	-30	-1.2	310	12.2	733	28.9	1073	42.2	387	15.2	566	22.3	80
M	70	120	4.7	585	23.0	73.5	440	17.3	374	14.7	420	16.5	-30	-1.2	310	12.2	765	30.1	1073	42.2	414	16.3	576	22.7	90
L	70	135	5.3	610	24.0	73.5	480	18.9	414	16.3	420	16.5	-30	-1.2	310	12.2	792	31.2	1099	43.3	435	17.1	590	23.2	100
XL(alloy model)	70	160	6.3	640	25.2	73.5	530	20.9	464	18.3	420	16.5	-30	-1.2	310	12.2	830	32.7	1131	44.5	458	18.0	613	24.1	110





VOLTAGE JR TMO FRAME D 24"

Size	A	B		C		D		E	F		G		H		I		J		K		L		Stem length
	head angle	head tube		top tube horizontal		top tube actual		seat angle	BB center to top of seattube		BB center to toptube center		chainstay		BB offset		BB height		standover height		wheel base		
	°	mm	inches	mm	inches	mm	inches	°	mm	inches	mm	inches	mm	inches	mm	inches	mm	inches	mm	inches	mm	inches	
one size	69.5	110	4.3	584	23.0	563	22.2	70.3	260	10.2	215	8.5	360	14.2	-5	-0.2	305	12.0	690	27.2	999	39.3	40



TECH INFO

SPARK

Bike Name	Front Derailleur spec / diameter	Crankarm Length in mm	Headset spec/dimension	Stem Length in mm	Bar Width in mm	Seatpost diameter in mm / length in mm	Front spoke length in mm	Rear spoke length in mm	Rear Shock (E2E)	Hardware Rear Shock in mm
Spark RC	FD-XX / 38.2	170(S); 175(M-XL)	LOGIC WCS CF PF-UD 28.6-44-50 CF.CUP H18	90(S-M); 100(L); 110(XL)	620	34.9 / 350(S); 400(M-XL)	WCS DISC 26X28H BLK	WCS DISC 26X28H BLK	165	M6X 22.2
Spark 10	11 XO 3X10S / 34.9	170(S); 175(M-XL)	LOGIC PRO PF-07 28.6-44-50 H=12.9	90(S-M); 100(L); 110(XL)	640	34.9 / 350(S); 400(M-XL)	XR-10 28H WHEEL SET	XR-10 28H WHEEL SET	165	M6X 22.2
Spark 20	FD-M771-10 / 34.9	170(S); 175(M-XL)	PRDI5036 PRO LOGIC ZERO PF=1-1/8" 28.6-44-50 H=12.9	90(S-M); 100(L); 110(XL)	640	34.9 / 350(S); 400(M-XL)	XR-20 28H WHEEL SET	XR-20 28H WHEEL SET	165	M6X 22.2
Spark 30	FD-M661-10 / 34.9	170(S); 175(M-XL)	LOGIC PRO PF-07 28.6-44-50 H=12.9	90(S-M); 100(L); 110(XL)	640	34.9 / 350(S); 400(M-XL)	XR-30 28H WHEEL SET	XR-30 28H WHEEL SET	165	M6X 22.2
Spark 35	FD-M661-10 / 34.9	170(S); 175(M-XL)	COMP PLUS 28.6-30-44 H=11	90(S-M); 100(L); 110(XL)	640	34.9 / 350(S); 400(M-XL)	XR-30 28H WHEEL SET	XR-30 28H WHEEL SET	165	M6X 22.2
Spark 40	FD-M661-10 / 34.9	170(S); 175(M-XL)	COMP PLUS 28.6-30-44 H=11	90(S-M); 100(L); 110(XL)	640	31.6 / 350(S); 400(M-XL)	264/261	262/261	165	M6X 22.2
Spark 50	FD-M661-10 / 34.9	170(S); 175(M-XL)	LOGIC OE -07 28.6-44-30 H=9.4	90(S-M); 100(L); 110(XL)	640	31.6 / 350(S); 400(M-XL)	264/262	262/261	165	M6X 22.2
Spark 60	FD-M591 / 34.9	170(S); 175(M-XL)	LOGIC OE -07 28.6-44-30 H=9.4	90(S-M); 100(L); 110(XL)	640	31.6 / 350(S); 400(M-XL)	264/263	263.5/262	165	M6X 22.2

SCALE 26"

Scale Premium	FD-M981 / 34.9	170(S); 175(M-XL)	PRDI3636 LOGIC WCS ZERO 28.7-44-55-39.8 H18	80MM(S); 90MM(M); 100MM(L); 110MM(XL)	620	34.9 / 350(S); 400(M-XL)	TRICON S10 F 24H WHEELSET	TRICON S10 F 24H WHEELSET	NONE	NONE
Scale RC	FD-XX / 38.2	170(S); 175(M-XL)	PRDI3636 LOGIC WCS ZERO 28.7-44-55-39.8 H18	80MM(S); 90MM(M); 100MM(L); 110MM(XL)	620	34.9 / 350(S); 400(M-XL)	WCS DISC 26X28H BLK WHEELSET	WCS DISC 26X28H BLK WHEELSET	NONE	NONE
Scale 10	11 XO 2X10S / 34.9	170(S); 175(M-XL)	PRDI3640 PRO LOGIC ZERO TAPER 1-1/8"-15" 28.6-44-55-39.8 H=12.9	80MM(S); 90MM(M); 100MM(L); 110MM(XL)	620	34.9 / 350(S); 400(M-XL)	XR-10 28H WHEELSET	XR-10 28H WHEELSET	NONE	NONE
Scale 20	FD-M771-10 / 34.9	170(S); 175(M-XL)	PRDI3640 PRO LOGIC ZERO TAPER 1-1/8"-15" 28.6-44-55-39.8 H=12.9	75MM(S); 90MM(M); 100MM(L); 110MM(XL)	620	34.9 / 350(S); 400(M-XL)	XR-20 28H WHEELSET	XR-20 28H WHEELSET	NONE	NONE
Scale 30	FD-M661-10 / 34.9	170(S); 175(M-XL)	PRDI3640 PRO LOGIC ZERO TAPER 1-1/8"-15" 28.6-44-55-39.8 H=12.9	75MM(S); 90MM(M); 100MM(L); 110MM(XL)	620	34.9 / 350(S); 400(M-XL)	XR-30 28H WHEELSET	XR-30 28H WHEELSET	NONE	NONE
Scale 35	FD-M661-10 / 34.9	170(S); 175(M-XL)	PRDI4861 COMP LOGIC ZERO TAPER 1-1/8"-15" 28.7-44-50-39.8 H=11.6	75MM(S); 90MM(M); 100MM(L); 110MM(XL)	620	34.9 / 350(S); 400(M-XL)	XR-30 28H WHEELSET	XR-30 28H WHEELSET	NONE	NONE
Scale 40	FD-M660-10 / 34.9	170(XS-S); 175(M-XXL)	COMP PLUS 28.6-30-44 H=11	75MM(XS-S); 90MM(M); 100MM(L); 110MM(XL); 120MM(XXL)	620	31.6 / 350(S); 400(M-XL)	263/261	261/260	NONE	NONE
Scale 50	FD-M660-10 / 34.9	170(XS-S); 175(M-XXL)	LOGIC OE -07 28.6-44-30 H=9.4	75MM(XS-S); 90MM(M); 100MM(L); 110MM(XL); 120MM(XXL)	620	31.6 / 350(S); 400(M-XL)	264/263	264/263	NONE	NONE
Scale 60	FD-M660-10 / 34.9	170(XS-S); 175(M-XXL)	LOGIC OE -07 28.6-44-30 H=9.4	75MM(XS-S); 90MM(M); 100MM(L); 110(XL); 120MM(XXL)	620	31.6 / 350(S); 400(M-XL)	264/263	264/262	NONE	NONE
Scale 70	FD-M590 / 34.9	170(XS-S); 175(M-XXL)	LOGIC OE -07 28.6-44-30 H=9.4	75MM(XS-S); 90MM(M); 100MM(L); 110(XL); 120MM(XXL)	620	31.6 / 350(S); 400(M-XL)	264/263	264/262.5	NONE	NONE
Scale 80	FD-M430-6 / 34.9	170(XS-S); 175(M-XXL)	LOGIC OE -07 28.6-44-30 H=9.4	75MM(XS-S); 90MM(M); 100MM(L); 110(XL); 120MM(XXL)	620	31.6 / 350(S); 400(M-XL)	263.5/261	262.5/260.5	NONE	NONE

SCALE 29"

Scale 29 RC	FD-XX / 34.9	175(M-XL)	PRDI3636 LOGIC WCS ZERO 28.7-44-55-39.8 H18	75MM(S-M); 90MM(L); 100MM(XL)	660	34.9 / 400	XR-29 32H WHEELSET	XR-29 32H WHEELSET	NONE	NONE
Scale 29 Pro	FD-M661-10 / 34.9	170(M-XL)	PRDI5037 PRO LOGIC ZERO TAPER 1-1/8"-15" 28.6-44-54.9 H=12.9	75MM(S-M); 90MM(L); 100MM(XL)	660	34.9 / 400	x	x	NONE	NONE
Scale 29 Elite	FD-M430-6 / 34.9	170(S); 175(M-XL)	LOGIC OE -07 28.6-44-30 H=9.4	75MM(S-M); 90MM(L); 100MM(XL)	640	31.6 / 400	290/294	290/292	NONE	NONE
Scale 29 Team	FD-M590 / 34.9	170(S); 175(M-XL)	LOGIC OE -07 28.6-44-30 H=9.4	75MM(S-M); 90MM(L); 100MM(XL)	640	31.6 / 400	295/296	295/296	NONE	NONE



GENIUS

Bike Name	Front Derailleur spec / diameter	Crankarm Length in mm	Headset spec/dimension	Stem Length in mm	Bar Width in mm	Seatpost diameter in mm / length in mm	Front spoke length in mm	Rear spoke length in mm	Rear Shock (E2E)	Hardware Rear Shock in mm
Genius Premium	FD-M980-E (E-TYPE)	170(S); 175(M-XL)	LOGIC WCS CF PF-UD 28.6-44-50 CF.CUP H18	80(S-M); 90(L); 100(XL)	660	34.9 / 350(S); 400(M-XL)	Tricon S15 F 24H WHEEL SET	Tricon S15 F 24H WHEEL SET	165	M6X 14
Genius 10	XO LDM	170(S); 175(M-XL)	LOGIC PRO PF-07 28.6-44-50 H=12.9	80(S-M); 90(L); 100(XL)	660	34.9 / 350(S); 400(M-XL)	XR-15 32H WHEEL SET	XR-15 32H WHEEL SET	165	M6X 14
Genius 20	FD-M770-10E	170(S); 175(M-XL)	PRDI5036 PRO LOGIC ZERO PF=1-1/8" 28.6-44-50 H=12.9	80(S-M); 90(L); 100(XL)	660	34.9 / 350(S); 400(M-XL)	XR-25 32H WHEEL SET	XR-25 32H WHEEL SET	165	M6X 14
Genius 30	FD X7 LDM	170(S); 175(M-XL)	LOGIC PRO PF-07 28.6-44-50 H=12.9	80(S-M); 90(L); 100(XL)	660	34.9 / 350(S); 400(M-XL)	XR-35 32H WHEEL SET	XR-35 32H WHEEL SET	165	M6X 14
Genius 40	FD-M660-10E (E-TYPE)	170(S); 175(M-XL)	PRDI5036 PRO LOGIC ZERO PF=1-1/8" 28.6-44-50 H=12.9	80(S-M); 90(L); 100(XL)	660	34.9 / 350(S); 400(M-XL)	Not confirm yet	Not confirm yet	165	M6X 14
Genius 50	FD-M660-10E (E-TYPE)	170(S); 175(M-XL)	COMP PLUS 28.6-30-44 H=11	80(S-M); 90(L); 100(XL)	660	34.9 / 350(S); 400(M-XL)	264/261	262/261	165	M6X 14
Genius 60	FD-M660-E	170(S); 175(M-XL)	COMP PLUS 28.6-30-44 H=11	80(S-M); 90(L); 100(XL)	660	34.9 / 350(S); 400(M-XL)	264/261	262/261	165	M6X 14

GENIUS LT

Genius LT 10	XO LDM	170(S); 175(M-L)	PRD02056 AM PF OS 28.6-50-61 TAPER H=12.9	60(S-M); 70(L)	700	31.6 / 380(S-M); 420(L)	AM-10 32H WHEELSET	AM-10 32H WHEELSET	180	M6X 14
Genius LT 20	FD X7 LDM	170(S); 175(M-L)	(PRD02144) AM PRO PF OS 28.6-50-61 TAPER H=12.9	60(S-M); 70(L)	700	31.6 / 398	AM-20 32H WHEELSET	AM-20 32H WHEELSET	180	M6X 14
Genius LT 30	FD-M660-10E (E-TYPE)	170(S); 175(M-L)	PRD02057 AM OE PF OS 28.6-50-61 TAPER H=12.9	60(S-M); 70(L)	700	31.6 / 398	x	x	180	M6X 14
Genius LT 40	FD-M660-E	170(S); 175(M-L)	PRD02057 AM OE PF OS 28.6-50-61 TAPER H=12.9	60(S-M); 70(L)	700	31.6 / 400	x	x	180	M6X 14

GAMBLER

Gambler 10	NONE	165	ORBIT Z 1.5R/NO.9M/ CUP/CC1.5R	45-55	800	34.9/350	260/262	260/262	240	22.2XM8
Gambler 20	NONE	165	ORBIT E 1.5R/12.8/1-1/8"	50	750	34.9/300	260/262	260/262	240	22.2XM8
Gambler 30	NONE	165	ORBIT E 1.5R/12.8/1-1/8"	40	750	34.9/300	260/262	260/262	240	22.2XM8

VOLTAGE FR

Voltage FR 10	NONE	165	GRAVITY 2(I/I) 28.7-49.65-39.8 H9.8	40	750	31.6 / 350(S); 400(L)	x	x	241.4	M8 X22.2
Voltage FR 20	NONE	165	ORBIT E1.5R/12.8 28.6-49.65-30 H=8.3	40	750	31.6 / 350(S); 400(L)	x	x	242	M8 X22.2
Voltage FR 30	NONE	165	ORBIT E1.5R/12.8 28.6-49.65-30 H=8.3	40	710	31.6 / 350(S); 400(L)	x	x	222	M8 X22.2

VOLTAGE

Voltage YZ Tmo	NONE	175	TH-872 1-1/8" H25.9	40	680	31.6 / 250	x	x	NONE	NONE
Voltage YZ 0.1	NONE	175	LB PLUS-07 28.6-30-34 H=25.3	40	680	31.6 / 250	259.5/260.5	260.5/261.5	NONE	NONE
Voltage YZ 0.2	NONE	170	1-1/8"	40	680	31.6 / 250	259/261	260/262	NONE	NONE
Voltage YZ 10	FD-M310/31.8	170 (XS/S), 175 (M/L/XL)	Ritchey LB-Plus (41x34)	40 (XS/S/M/L); 60 (XL)	640	26.8/300(XS/S), 350 (M/L/XL)	260/261	260/261	NONE	NONE
Voltage YZ 20	FD-TY10/31.8	170	Ritchey LB-Plus (41x34)	40 (XS/S/M/L); 60 (XL)	640	26.8/300(XS/S), 350 (M/L/XL)	260/261	260/261	NONE	NONE
Voltage YZ 30	FD-TY10/31.8	170	Ritchey LB-Plus (41x34)	60 (XS/S/M); 90 (L/XL)	640	26.8/300(XS/S), 350 (M/L/XL)	261/263	261/263	NONE	NONE
Voltage YZ 40	FD-TY10/31.8	170	Ritchey LB-Plus (41x34)	60 (XS/S/M); 90 (L/XL)	640	26.8/300(XS/S), 350 (M/L/XL)	265	263/264	NONE	NONE

ASPECT

Aspect 10	FD-M590 / 34.9	170(XS-S); 175(M-XXL)	LOGIC OE -07 28.6-44-30 H=9.4	60MM(XS);75MM(S);90 MM(M);100MM(L);110MM (XL-XXL)	640	31.6 / 350	263.5/262.5	264/263	NONE	NONE
Aspect 20	FD-M430/34.9	170 (XS/S); 175 (M/L/XL/XXL)	Ritchey Logic Zero OE (50x44)	60 (XS); 75 (S); 90 (M); 100 (L); 110 (XL); 120 (XXL)	640	31.6/350	260/262	260/262	NONE	NONE
Aspect 30 Disc	FD-M360/34.9	170 (XS/S); 175 (M/L/XL/XXL)	Ritchey Logic Zero OE (50x44)	70 (XS); 80 (S); 90 (M); 100 (L); 110 (XL); 120 (XXL)	640	31.6/350	259/261	259/261	NONE	NONE
Aspect 30	FD-M360/34.9	170 (XS/S); 175 (M/L/XL/XXL)	Ritchey Logic Zero OE (50x44)	70 (XS); 80 (S); 90 (M); 100 (L); 110 (XL); 120 (XXL)	640	31.6/350	265	262/264	NONE	NONE
Aspect 40	FD-TY10/34.9	170	Ritchey Logic Zero OE (50x44)	70 (XS); 80 (S); 90 (M); 100 (L); 110 (XL)	640	31.6/350	263/264	263/264	NONE	NONE
Aspect 50	FD-TY10/34.9	170	Ritchey Logic Zero OE (50x44)	70 (XS); 80 (S); 90 (M); 100 (L); 110 (XL)	640	31.6/350	265	263/264	NONE	NONE
Aspect 60	FD-TY10/34.9	170	Ritchey Logic Zero OE (50x44)	90 (XS/S/M); 105 (L/XL)	640	31.6/350	265	263/264	NONE	NONE



ADDICT

Bike Name	Front Derailleur spec / diameter	Crankarm Length in mm	Headset spec/ dimension	Stem Length in mm	Bar Width in mm	Seatpost diam./ length in mm	Front spoke length in mm	Rear spoke length in mm	Shock (E2E)	Hardware Shock
Addict RC	FD7900-F BRAZE ON	165(47); 170(49); 172.5(52-56); 175(58-61)	WCS LOGIC ZERO PF 28.6-44-50 H=12.9	90(47);100(49);110(52-56); 120(58); 130(61)	400(47-49); 420(52-58);440(61)	31.6 / 300	KSYRIUM SL 10 700C F/V WHEELSET	KSYRIUM SL 10 700C F/V WHEELSET	NONE	NONE
Addict R1	FD7900-F BRAZE ON	165(47); 170(49); 172.5(52-56); 175(58-61)	WCS LOGIC ZERO PF 28.6-44-50 H=12.9	90(47);100(49);110(52-56); 120(58); 130(61)	400(47-49); 420(52-58);440(61)	31.6 / 300	KSYRIUM SL 10 700C F/V WHEELSET	KSYRIUM SL 10 700C F/V WHEELSET	NONE	NONE
Addict R15	RED 2X10 BRAZED ON	165(47); 170(49); 172.5(52-56); 175(58-61)	LOGIC PRO PF-07 28.6-44-50 H=12.9	90(47);100(49);110(52-56); 120(58); 130(61)	380(47);400(49); 420(52-58);440(61)	31.6 / 300	KSYRIUM Elite WHEELSET	KSYRIUM Elite WHEELSET	NONE	NONE
Addict R2	FD6700 BRAZED ON	165(47); 170(49); 172.5(52-56); 175(58-61)	LOGIC PRO PF-07 28.6-44-50 H=12.9	90(47);100(49);110(52-56); 120(58); 130(61)	380(47);400(49); 420(52-58);440(61)	31.6 / 300	KSYRIUM Elite WHEELSET	KSYRIUM Elite WHEELSET	NONE	NONE
Addict R3	FD5700-S	165(47); 170(49); 172.5(52-56); 175(58-61)	LOGIC PRO PF-07 28.6-44-50 H=12.9	90(47);100(49);110(52-56); 120(58); 130(61)	380(47);400(49); 420(52-58);440(61)	31.6 / 300	AKSIUM 10 WHEELSET	AKSIUM 10 WHEELSET	NONE	NONE

CR1

CR1 SL	FD7900-F BRAZE ON	165(47); 170(49); 172.5(52-56); 175(58-61)	WCS LOGIC ZERO PF 28.6-44-50 H=12.9	90(47);100(49);110(52-56); 120(58); 130(61)	380(47);400(49); 420(52-58);440(61)	31.6 / 300	KSYRIUM SL 10 700C F/V WHEELSET	KSYRIUM SL 10 700C F/V WHEELSET	NONE	NONE
CR1 Pro	FD6700 BRAZED ON	165(47); 170(49); 172.5(52-56); 175(58-61)	COMP LOGIC ZERO PF 28.6-44-30 H=10.4	90(47);100(49);110(52-56); 120(58); 130(61)	380(47);400(49); 420(52-58);440(61)	31.6 / 300	KSYRIUM Elite WHEELSET	KSYRIUM Elite WHEELSET	NONE	NONE
CR1 Elite	09 RIVAL ROAD FD, BRAZED ON	165(47); 170(49); 172.5(52-56); 175(58-61)	COMP LOGIC ZERO PF 28.6-44-30 H=10.4	90(47);100(49);110(52-56); 120(58); 130(61)	380(47);400(49);4 20(52-58);440(61)	31.6 / 300	KSYRIUM Elite WHEELSET	KSYRIUM Elite WHEELSET	NONE	NONE
CR1 Team	FD5700-S BRAZED ON	165(47); 170(49); 172.5(52-56); 175(58-61)	COMP LOGIC ZERO PF 28.6-44-30 H=10.4	90(47);100(49);110(52-56); 120(58); 130(61)	380(47);400(49); 420(52-58);440(61)	31.6 / 300	AKSIUM 10 WHEELSET	AKSIUM 10 WHEELSET	NONE	NONE
CR1 Comp	FD5700-S BRAZED ON	165(47); 170(49); 172.5(52-56); 175(58-61)	COMP LOGIC ZERO PF 28.6-44-30 H=10.4	90(47);100(49);110(52-56); 120(58); 130(61)	380(47);400(49); 420(52-58);440(61)	31.6 / 300	295.5/294	276	NONE	NONE

SPEEDSTER

Speedster S10	FD6700 BRAZED ON	165(47); 170(49); 172.5(52-56); 175(58-61)	LOGIC OE -07 28.6-44-30 H=9.4	90(47);100(49);110(52-56); 120(58); 130(61)	380(47);400(49); 420(52-58);440(61)	31.6 / 300	276	294/295.5	NONE	NONE
Speedster S20	FD5700-S / 34.9	165(47); 170(49); 172.5(52-56); 175(58-61)	LOGIC OE -07 28.6-44-30 H=9.4	90(47);100(49);110(52-56); 120(58); 130(61)	380(47);400(49); 420(52-58);440(61)	31.6 / 300	276	294/295.5	NONE	NONE
Speedster S20 FB	FD-R773	165(47); 170(49); 172.5(52-56); 175(58-61)	LOGIC OE -07 28.6-44-30 H=9.4	90(47);100(49);110(52-56); 120(58); 130(61)	580	31.6 / 300	276	294/295.5	NONE	NONE
Speedster S30	FD-4500 / 34.9	165(47); 170(49); 172.5(52-56); 175(58-61)	LOGIC OE -07 28.6-44-30 H=9.4	90(47);100(49);110(52-56); 120(58); 130(61)	380(47);400(49); 420(52-58);440(61)	31.6 / 300	276	294/295.5	NONE	NONE
Speedster S40	FD-2303 BRAZED ON	165(47); 170(49); 172.5(52-56); 175(58-61)	LOGIC OE -07 28.6-44-30 H=9.4	90(47);100(49);110(52-56); 120(58); 130(61)	380(47);400(49); 420(52-58);440(61)	31.6 / 300	276	294/295.5	NONE	NONE
Speedster S50	FD-2303 BRAZED ON	165(47); 170(49); 172.5(52-56); 175(58-61)	LOGIC OE -07 28.6-44-30 H=9.4	90(47);100(49);110(52-56); 120(58); 130(61)	380(47);400(49); 420(52-58);440(61)	31.6 / 300	276	294/295.5	NONE	NONE
Speedster S50 FB	FD-R443A BRAZED ON	165(47); 170(49); 172.5(52-56); 175(58-61)	LOGIC OE -07 28.6-44-30 H=9.4	90(47);100(49);110(52-56); 120(58); 130(61)	580	31.6 / 300	276	294/295.5	NONE	NONE

PLASMA

Plasma Premium	RED 2X10 BRAZED ON	172.5(52); 175(54-56)	PRO 1" DROP IN W/OUTER 38MM W/IN 2715MM A6061 CROWN 26.4	75 (S, M) 90 (L)	420	Plasma 3	F : ZIP 808 / R : ZIP 1080	F : ZIP 808 / R : ZIP 1080	NONE	NONE
Plasma 10	FD7900-F BRAZED ON	170(47); 172.5(49-52); 175(54-56)	PRO LOGIC ZERO DROP IN (CC) 28.7-41-45 H=10	80(47);90(49-52);100(54-56)	420	NONE (ISP SEAT POST)	WH-RS10 WHEELSET	WH-RS10 WHEELSET	NONE	NONE
Plasma 20	FD6700 BRAZED ON	170(47); 172.5(49-52); 175(54-56)	PRO LOGIC ZERO DROP IN (CC) 28.7-41-45 H=10	80(47);90(49-52);100(54-56)	420	NONE (ISP SEAT POST)	WH-RS10 WHEELSET	WH-RS10 WHEELSET	NONE	NONE

CYCLOCROSS

Addict CX	FD6700 BRAZED ON	170(49); 172.5(52-56); 175(58)	PRO 1" DROP IN W/OUTER 38MM W/IN 2715MM A6061 CROWN 26.4	100(49-52);110(54-56); 120(58)	400(49);420(52-58)	NONE (ISP SEAT POST)	x	x	NONE	NONE
CX Team	FD6700 BRAZED ON	170(49); 172.5(52-56); 175(58)	NO.9M/CUP/TH-CX 28.6-44-30 H=21.6	100(49-52);110(54-56); 120(58)	400(49);420(52-58)	31.6 / 300	R1800 F 24H WHEELSET	R1800 F 24H WHEELSET	NONE	NONE
CX Comp	FD-4500 BRAZED ON	170(49); 172.5(52-56); 175(58)	NO.11N-CX 28.6-44-30 H=23.4	100(49-52);110(54-56); 120(58)	400(49);420(52-58)	31.6 / 300	x	x	NONE	NONE



E-SPORTSTER & SPORTSTER

Bike Name	Front Derailleur spec / diameter	Crankarm Length in mm	Headset spec/ dimension	Stem Length in mm	Bar Width in mm	Seatpost diam. / length in mm	Front spoke length in mm	Rear spoke length in mm	Shock (E2E)	Hardware Shock
Sportster 10	FD-M590 / 34.9	170(S); 175(M-XXL)	COMP LOGIC ZERO PF 28.6-44-30 H=10.4	75(S); 90(M); 100(L); 100(XL-SOLUTION); 110(XL-XXL)	600(Men); 610(Solution)	31.6 / 300(S); 350(M-XXL)	x	x	NONE	NONE
Sportster 25	FD-M590 / 34.9	170(S); 175(M-XXL)	LOGIC OE -07 28.6-44-30 H=9.4	75(S); 90(M); 100(L); 100(XL-SOLUTION); 110(XL-XXL)	600(Men); 610(Solution)	31.6 / 300(S); 350(M-XXL)	294.5/296	294.5/296	NONE	NONE
Sportster 20	FD-M590 / 34.9	170(S); 175(M-XXL)	LOGIC OE -07 28.6-44-30 H=9.4	75(S); 90(M); 100(L); 100(XL-SOLUTION); 110(XL-XXL)	600(Men); 610(Solution)	31.6 / 300(S); 350(M-XXL)	x	x	NONE	NONE
Sportster 30	FD-M430/34.9	170 (S); 175 (M, L, XL, XXL)	Ritchey Logic Zero OE (50x44)	75 (S), 90 (M), 100 (L), 110 (XL), 120 (XXL)	600	31.6/350	292/293	292/293	NONE	NONE
Sportster 30 Solution	FD-M430/34.9	170 (S); 175 (M, L, XL)	Ritchey Logic Zero OE (50x44)	75 (S), 90 (M), 100 (L/XL)	610	31.6/350	292/293	292/293	NONE	NONE
Sportster 40 Men	FD-M430/34.9	170 (S); 175 (M, L, XL, XXL)	Ritchey Logic Zero OE (50x44)	80 (S), 90 (M), 100 (L), 110 (XL), 120 (XXL)	600	31.6/350	296	294/295	NONE	NONE
Sportster 40 Lady	FD-M430/34.9	170 (S); 175 (M, L, XL)	Ritchey Logic Zero OE (50x44)	70 (S), 80 (M), 90 (L), 100 (XL)	610	31.6/350	296	294/295	NONE	NONE
Sportster 55 Men	FD-TX51/34.9	170	Ritchey Logic Zero OE (50x44)	80 (S), 90 (M), 100 (L), 110 (XL)	600	31.6/350	295/297	295/297	NONE	NONE
Sportster 55 Lady	FD-TX51/34.9	170	Ritchey Logic Zero OE (50x44)	70 (S), 80 (M), 90 (L)	610	31.6/350	295/297	295/297	NONE	NONE
Sportster 50 Men	FD-TX51/34.9	170	Ritchey Logic Zero OE (50x44)	80 (S), 90 (M), 100 (L), 110 (XL)	600	31.6/350	297	296/295	NONE	NONE
Sportster 50 Lady	FD-TX51/34.9	170	Ritchey Logic Zero OE (50x44)	70 (S), 80 (M), 90 (L)	610	31.6/350	297	296/295	NONE	NONE
Sportster 60 Men	FD-TX51/34.9	170	Ritchey Logic Zero OE (50x44)	80 (S), 90 (M), 100 (L), 110 (XL)	600	31.6/350	297	296/295	NONE	NONE
Sportster 60 Lady	FD-TX51/34.9	170	Ritchey Logic Zero OE (50x44)	70 (S), 80 (M), 90 (L)	610	31.6/350	297	296/295	NONE	NONE

E-SUB & SUB

SUB 10	NONE	170	COMP LOGIC ZERO PF 28.6-44-30 H=10.4	90MM(XS-M); 100MM(L-XL)	600(Men); 610(Solution)	31.6 / 300(XS-S); 350(M-XL)	286/284	262/261	NONE	NONE
SUB 20	FD-M590 / 34.9	170(XS-S); 175(M-XL)	COMP LOGIC ZERO PF 28.6-44-30 H=10.4	90MM(XS-M); 100MM(L-XL)	600	31.6 / 300(XS-S); 350(M-XL)	285/284	285/283.5	NONE	NONE
SUB 35	NONE	170(XS-S); 175(M-XL)	COMP LOGIC ZERO PF 28.6-44-30 H=10.4	90MM(XS-M); 100MM(L-XL)	600(Men); 610(Solution)	31.6 / 300(XS-S); 350(M-XL)	x	x	NONE	NONE
SUB 30	FD-M430/34.9	170 (XS/S), 175 (M/L/XL)	Ritchey Logic Zero OE (50x44)	80 (S), 90 (M), 100 (L), 110 (XL)	600	31.6/350	284	283/282	NONE	NONE
SUB 45	FD-M191/34.9	170	Ritchey Logic Zero OE (50x44)	80 (S), 90 (M), 100 (L), 110 (XL)	600	31.6/350	283/282	283/282	NONE	NONE
SUB 45 SOLUTION	FD-M191/34.9	170	Ritchey Logic Zero OE (50x44)	60 (XS, S), 70 (M), 80 (L), 100 (XL)	610	31.6/350	283/282	283/282	NONE	NONE
SUB 40	FD-M191/34.9	170	Ritchey Logic Zero OE (50x44)	80 (S), 90 (M), 100 (L), 110 (XL)	600	31.6/350	284	283/282	NONE	NONE
SUB 40 SOLUTION	FD-M191/34.9	170	Ritchey Logic Zero OE (50x44)	60 (XS, S), 70 (M), 80 (L), 100 (XL)	610	31.6/350	284	283/282	NONE	NONE
SUB 50	NONE	170	Ritchey Logic Zero OE (50x44)	80 (S), 90 (M), 100 (L), 110 (XL)	600	31.6/350	284	284	NONE	NONE



CONTESSA

Bike Name	Front Derailleur spec / diameter	Crankarm Length in mm	Headset spec/ dimension	Stem Length in mm	Bar Width in mm	Seatpost diam. / length in mm	Front spoke length in mm	Rear spoke length in mm	Shock (E2E)	Hardware Shock
Contessa CR1 Pro	FD6703 BRAZED ON	165(47-49); 170(52-54); 172.5(56)	COMP LOGIC ZERO PF 28.6-44-30 H=10.	60(47); 75(49); 90(52); 100(54); 110(56)	360(47);380(49); 400(52-54);420(56)	31.6 / 300	AKSIUM 10 F&R(M10) WHEEL SET	AKSIUM 10 F&R(M10) WHEEL SET	NONE	NONE
Contessa CR1 Team	FD5703-S BRAZED ON	165(47-49); 170(52-54); 172.5(56)	COMP LOGIC ZERO PF 28.6-44-30 H=10.4	60(47); 75(49); 90(52); 100(54); 110(56)	360(47);380(49); 400(52-54);420(56)	31.6 / 300	AKSIUM 10 F&R(M10) WHEEL SET	AKSIUM 10 F&R(M10) WHEEL SET	NONE	NONE
Contessa Speedster 15	FD5703-S/34.9	165(47-49); 170(52-54); 172.5(56)	LOGIC OE -07 28.6-44-30 H=9.4	60(47); 75(49); 90(52); 100(54); 110(56)	360(47);380(49); 400(52-54);420(56)	31.6 / 300	276	294/295.5	NONE	NONE
Contessa Speedster 25	FD-2303 BRAZED	165(47-49); 170(52-54); 172.5(56)	LOGIC OE -07 28.6-44-30 H=9.4	60(47); 75(49); 90(52); 100(54);110(56)	360(47);380(49); 400(52-54);420(56)	31.6 / 300	276	294/295.5	NONE	NONE
Contessa Speedster 35	FD-2303 BRAZED	165(47-49); 170(52-54); 172.5(56)	LOGIC OE -07 28.6-44-30 H=9.4	60(47); 75(49); 90(52); 100(54); 110(56)	360(47);380(49); 400(52-54);420(56)	31.6 / 300	276	294/295.5	NONE	NONE
Contessa Spark RC	FD-M771-10/34.9	170(S); 175(M-L)	LOGIC PRO PF-07 28.6-44-50 H=12.9	75(S-M); 90(L)	620	31.6 / 350(S); 400(M-L)	XR-20 26X28H WHEEL SET	XR-20 26X28H WHEEL SET	165	M6X 22.2
Contessa Scale RC	FD-M771-10/34.9	170(S); 175(M-L)	PRD13640 PRO LOGIC ZERO TAPER 1-1/8"-1.5" 28.6-44-55-39.8 H=12.9	75(S-M); 90(L)	620	31.6 / 350(XS-S); 400(M-XL)	XR-20 26X28H WHEEL SET	XR-20 26X28H WHEEL SET	NONE	NONE
Contessa Scale 10	FD-M660-10/34.9	170(XS-S); 175(M-XL)	LOGIC OE -07 28.6-44-30 H=9.4	60(XS); 75(S-M); 90(L); 110(XL)	620	31.6 / 350(XS-S); 400(M-XL)	x	x	NONE	NONE
Contessa Scale 20	FD-M430-6/34.9	170(XS-S); 175(M-XL)	LOGIC OE -07 28.6-44-30 H=9.4	60(XS); 75(S-M); 90(L); 110(XL)	620	31.6 / 350(XS-S); 400(M-XL)	x	x	NONE	NONE
Contessa Genius	FD-M660-10E	170(S); 175(M-L)	LOGIC PRO PF-07 28.6-44-50 H=12.9	75(S-M);90(L)	640	31.6 / 350(S); 400(M-L)	XR-35 26X32H WHEEL SET	XR-35 26X32H WHEEL SET	165	M6X 14
Contessa Spark	FD-M591 / 34.9	170(S); 175(M-L)	LOGIC OE -07 28.6-44-30 H=9.4	75(S-M);90(L)	620	31.6 / 350(S); 400(M-L)	x	x	165	M6X 22.2
Contessa 10	FD-M590 / 34.9	170(XS-S); 175(M-XL)	LOGIC OE -07 28.6-44-30 H=9.4	60 (XS), 75 (S, M), 90 (L/XL)	620	31.6 / 350	x	x	NONE	NONE
Contessa 20	FD-M430/34.9	170 (XS/S); 175 (M/L/XL)	Ritchey Logic Zero OE (50x44)	60 (XS), 75 (S, M), 90 (L/XL)	620	31.6/350	260/262	260/262	NONE	NONE
Contessa 30	FD-M360/34.9	170 (XS/S); 175 (M/L/XL)	Ritchey Logic Zero OE (50x44)	70 (XS/S), 80 (M) , 90 (L)	620	31.6/350	259/261	259/261	NONE	NONE
Contessa 40	FD-TY10/34.9	170	Ritchey Logic Zero OE (50x44)	70 (XS/S) , 80 (M) , 90 (L)	620	31.6/350	263/264	263/264	NONE	NONE
Contessa 50	FD-TY10/34.9	170	Ritchey Logic Zero OE (50x44)	70 (XS/S) , 80 (M) , 90 (L)	620	31.6/350	265	263/264	NONE	NONE
Contessa 60	FD-TY10/34.9	170	Ritchey Logic Zero OE (50x44)	90 (S/M); 105 (L)	620	31.6/350	265	263/264	NONE	NONE

JUNIOR

Volt-X 10	NONE	175	1-1/8"	48	690	25.4/220	189	179	NONE	NONE
Volt-X 20	NONE	175	1-1/8"	48	690	25.4/220	188	184	NONE	NONE
Volt-X 30	NONE	175	1-1/8"	48	690	25.4/230	186	184	NONE	NONE
Volt-X 40	NONE	160	1-1/8"	48	605	25.4/230	186	186	NONE	NONE
Scale RC JR 24	31.8	165	1-1/8"	90	620	26.8/350	241	233/236	NONE	NONE
Scale JR 24	31.8	152	1-1/8"	75	540	26.8/300	241	238/240	NONE	NONE
Scale JR 20	31.8	140	1-1/8"	75	540	26.8/300	188	185/187	NONE	NONE
Spark JR 24	31.8	152	1-1/8"	60	560	26.8/300	241	238/240	125	f:8x24 / r:8x37
Spark JR 20	31.8	140	1-1/8"	60	540	26.8/300	188	185/187	125	f:8x24 / r:8x37
Voltage JR 24 Timo	NONE	170	1-1/8"	40	710	31.6/250	237/238	237/238	NONE	NONE
Voltage JR 24 Disc	31.8	152	1-1/8"	60	560	26.8/300	236/238	236/238	NONE	NONE
Voltage JR 24	31.8	152	1-1/8"	60	560	26.8/300	240	237/239	NONE	NONE
Voltage JR 20	31.8	140	1-1/8"	60	540	26.8/250	190	188/190	NONE	NONE
Voltage JR 16	NONE	4"	211	-	520	26.8/200	135	132	NONE	NONE
Voltage JR 12	NONE	3-1/2"	211	-	460	26.8/200	88	81	NONE	NONE
Contessa Scale JR	31.8	152	1-1/8"	75	540	26.8/300	241	238/240	NONE	NONE
Contessa JR 24	31.8	152	1-1/8"	60	560	26.8/300	240	237/239	NONE	NONE
Contessa JR 20	NONE	140	1-1/8"	60	540	26.8/200	190	188/190	NONE	NONE
Contessa JR 16	NONE	4"	211	-	520	26.8/200	135	132	NONE	NONE
Contessa JR 12	NONE	3-1/2"	211	-	460	26.8/200	88	81	NONE	NONE



SIZE CHART

	-165 CM	165 - 175 CM	175 - 185 CM	185 - 195 CM	195CM -
VOLTAGE	XS S	M	L	XL	
ASPECT	XS S	M	L	XL	XXL
CONTESSA SPORT	XS S	M	L	XL	
SCALE, SCALE 29, CONTESSA SCALE	XS S	M	L	XL	XXL
GENIUS, SPARK, CONTESSA GENIUS, CONTESSA SPARK		S M	L	XL	
GENIUS LT		S M	L		
GAMBLER, VOLTAGE FR		SHORT		LONG	
SUB AND SPORTSTER, E-SUB, E-SPORTSTER		S M	L	XL	XXL
SUB, E-SUB, SPORTSTER AND E-SPORTSTER SOLUTION/ LADY		S M	L	XL	
CONTESSA ROAD	XXS/47 XS/49	S/52 M/54	L/56		
ROAD, PLASMA 2	XXS/47 XS/49	S/52 M/54	L/56	XL/58	XXL/61
PLASMA 3, PLASMA TT		S/52 M/54	L/56		
CYCLOCROSS	XS/49	S/52 M/54	L/56	XL/58	

