



STORCK
BICYCLE

TOUR Magazine Ranking Season 03/2008

Biggest carbon frame-set test worldwide!

		STW Rating (frame)	
		Value	Placing
Storck	Fascenario 0.7	114	1
Scott	Addict SL	114	1
Cervélo	R3 SL	114	1
Red Bull	Carbon X-Lite	110	2
Simplon	Pavo	103	3
Merida	Scultura Evo FLX	102	4
Schmolke	Civitanova	99	5
Cube	Litening HPC Team Line	98	6
ISAAC	Impulse	96	7
Specialized	S-Works Tarmac SL2	94	8
Hai	End Road Plus	94	8
FAT	RP Carbon	87	9
Müsing	Onroad Only Pro Carbon	83	10
Canyon	F10 Ultimate	81	11
Bergamont	Dolce MGN	81	11
Focus	Izalco	81	11
Corratec	Sannino Squadra Due Duro	81	11
Radon	RCS	79	12
KTM	Renegade	76	13
Cannondale	Super Six	74	14
Giant	TCR Advanced	69	15
LOOK	595 Ultra Black	68	16
Wilier	Le Roi	68	16
Il Diavolo	Victrix	51	17

		Frameset Rating Weight	
		Weight	Placing
Storck	Fascenario 0.7	1203	1
Scott	Addict SL	1237	2
Cervélo	R3 SL	1289	3
Hai	End Road Plus	1333	4
Schmolke	Civitanova	1343	5
Merida	Scultura Evo FLX	1350	6
Simplon	Pavo	1369	7
Canyon	F10 Ultimate	1422	8
Bergamont	Dolce MGN	1459	9
Specialized	S-Works Tarmac SL2	1460	10
KTM	Renegade	1497	11
Cannondale	Super Six	1538	12
Red Bull	Carbon X-Lite	1539	13
Focus	Izalco	1563	14
Cube	Litening HPC Team Line	1574	15
Giant	TCR Advanced	1586	16
ISAAC	Impulse	1589	17
FAT	RP Carbon	1609	18
LOOK	595 Ultra Black	1629	19
Wilier	Le Roi	1646	20
Müsing	Onroad Only Pro Carbon	1739	21
Radon	RCS	1745	22
Corratec	Sannino Squadra Due Duro	1762	23
Il Diavolo	Victrix	1810	24

		Comfort/STW Frame TOUR		Comfort/STW Fork TOUR		Total Comfort/STW Ranking 50/50 loading STORCK *	
		Value	Placing	Value	Placing	Theor. points for placing frame + fork	Overall Placing
Storck	Fascenario 0.7	2,11	3	0,51	1	4	1
Simplon	Pavo	2,73	8	0,63	3	11	2
Schmolke	Civitanova	2,87	11	0,59	2	13	3
Scott	Addict SL	2,31	6	0,74	8	14	4
Canyon	F10 Ultimate	2,63	7	0,70	7	14	5
ISAAC	Impulse	2,22	4	0,83	13	17	6
Merida	Scultura Evo FLX	2,91	12	0,66	5	17	7
Giant	TCR Advanced	2,94	13	0,66	6	19	8
Red Bull	Carbon X-Lite	2,25	5	0,85	15	20	9
Cervélo	R3 SL	1,77	1	0,94	21	22	10
Specialized	S-Works Tarmac SL2	2,02	2	0,90	20	22	11
LOOK	595 Ultra Black	2,76	9	0,85	14	23	12
Cube	Litening HPC Team Line	3,12	15	0,77	10	25	13
Cannondale	Super Six	3,14	16	0,74	9	25	14
KTM	Renegade	2,84	10	0,86	16	26	15
Hai	End Road Plus	4,06	22	0,63	4	26	16
FAT	RP Carbon	3,30	17	0,79	11	28	17
Focus	Izalco	3,67	18	0,80	12	30	18
Bergamont	Dolce MGN	3,04	14	0,90	19	33	19
Corratec	Sannino Squadra Due Duro	3,80	20	0,90	18	38	20
Radon	RCS	3,94	21	0,89	17	38	21
Müsing	Onroad Only Pro Carbon	3,67	19	1,25	24	43	22
Wilier	Le Roi	5,24	23	0,96	22	45	23
Il Diavolo	Victrix	8,12	24	0,97	23	47	24

*Comfort/STW ratio

Construction and comfort values are combined to a ratio, which shows the best all round engineering value for frame and fork.
Overall place calculated by Storck Bicycle with 50/50 loading frame/fork in relation to STW ratios.

How the overall engineering value is evaluated out of the TOUR data...

0.7 STW Frame = 101 Nm/° : 886g = 0,11399 x 100 = 114
UMS STW fork = 43N/mm : 264g = 0,162 x 100 = 162

Conf./STW frame = 241 N/mm : 114STW = 2,11
Conf./STW fork = 83 N/mm : 162STW = 0,51

Figures determined: TOUR magazine test data March issue 2008.