

FIT FUNCTION FORM



STRAEL 2.0 LOOKBOOK

INTRO

Thanks for your patience. We've been out of stock of the original Strael for some time and we really appreciate those of you that have been waiting for the release of the Strael 2.0. I've obsessed over the design and tried to evolve the product so that it's more elegant and refined but without losing any of the utility and functionality of the original.

The product will go live on the site in a few weeks. As with the original, we'll include detailed design notes and be making the process of purchasing upgrades more straightforward. For 2018 we have five Shimano build options from 105 to Dura Ace Di2, as well as Sram 1X build options in Rival and Force. The prices have increased a little, mainly because of exchange rates, but if you order with the early bird you can make a good saving.

I do believe this is the best steel 'All Season' road bike on the market and given the tube specs, build quality, design details and range of sizes (10 sizes) I think it represents amazing value.

Dominic Thomas - Fairlight Bike Designer



FRAMESET

COLOUR OPTION 1: PUTTY









Seperate cable guide will be available for 1X builds



Downtube cable guide removed for use of Di2





FRAMESET

COLOUR OPTION 2: DEEP GREY











A close-up, low-angle shot of a black bicycle frame, focusing on the head tube and front fork area. The frame is highly reflective, showing bright highlights and shadows. The text "FIT FUNCTION FORM" is printed in a bold, sans-serif font on the head tube. The word "FIT" is orange, "FUNCTION" is white, and "FORM" is orange. The background is a plain, light color.

**FIT
FUNCTION
FORM**



FULL BIKE EXAMPLE 1

SHIMANO ULTEGRA R8000



Pictured with 28c tyre













FULL BIKE EXAMPLE 2

SHIMANO 105 R7000











FULL BIKE EXAMPLE 3

SRAM FORCE 1X











FULL BIKE EXAMPLE 4

SRAM RIVAL 1X











STRAEL 2.0 - NEW FEATURES



Fairlight X Bentley Components Dropouts

I collaborated with my ex-colleague and talented engineer Mark Bentley (Bentley Components) to help design and prototype our new dropout system. We first prototyped this concept in 2015 and we use a combination of laser cut steel plate, turned stainless steel inserts and a CNC machined aluminium brake mount to produce a dropout that is light, functional and elegant. It takes a brake mount standard that was really devised for carbon bikes and incorporates it into the tried and tested methods of steel bike manufacturing. There is a nod to the classic IS mount adaptor which worked so well for so long.

3D Printed Cable Guide

Rather than using a modular ports/blanks type system which often actually adds weight (because of the braze-on reinforcements needed) we designed a simple bolt on plastic guide that uses a single bottle boss and the DI2 hole to hold it in place. When using DI2 all that remains is a single bottle boss for a very clean look. Incorporated on to the top of the guide is a clip to hold the brake hose to keep it out of the way. We are also producing a 1x specific version of the guide for cleaner 2x builds.

Anraed Thru-Axle Fork

We took our existing mould for our Anraed fork and modified it to incorporate a 100 x 12mm dropout. We also increased the steerer tube length to 330mm so that we can now offer a size 61 Tall frame with a full 40mm of headset spacers. The fork maintains its generous tyre clearances (33c with LOTS of mud room or 28c with guards) as well as the dynamo mount on the front of the crown. We have kept 'proper' mudguard eyelets at the dropouts so no bending or manipulation of the mudguard stays is needed.



GEOMETRY



A - FIT GUIDE		B - SEND BIKE FIT DATA	C - MEASURE BIKE
<p>This is not an online bikefit; it is a guide to help find the best bike geometry for your proportions.</p> <p>The way it works:</p> <ul style="list-style-type: none"> - Select your frame and input your height and inside leg measurements - Overall Frame size is driven by your height (e.g. 5ft9 = 54cm). - Frame Geometry is driven by your proportions (e.g. 54Regular or 54Tall). 			
Frame	Choose frame...		
Units	Choose units...		
Height	Choose...		
Inside leg	Choose...		
		1st Choice	2nd Choice
		Too Low	
		Low / Race	
		Mid-Low / Sport	
		Mid - Recreation	
		Mid-Upright / Touring	
		Upright / Comfort	
<p>1st Choice - What we feel will be the most compatible frame with your body.</p> <p>2nd Choice - Covers riding styles not obtainable using the first recommendation.</p> <p>Note: Even with our 'Proportional Geometry' bikes, riders with extreme body types (e.g. very long legs vs body) may be restricted in riding styles available.</p> <p>If you're unsure about using this guide just email us on mail@fairlightcycles.com</p>			

The **Fit Guide Tool** can be found on all existing product pages on the website

PROPORTIONAL GEOMETRY

All Fairlight bikes have been thoughtfully conceived with the rider in mind. Everybody is different; our bikes are designed to account for differences in body proportions not just overall height. We call this 'proportional geometry'. We offer all of our frame sizes in (R)egular and (T)all versions so that you can find your perfect fit.

(R) REGULAR

Designed to be lower at the front and longer.
For people with shorter legs and a longer back.
Or, for those just wanting a lower, racier, riding position.

(T) TALL

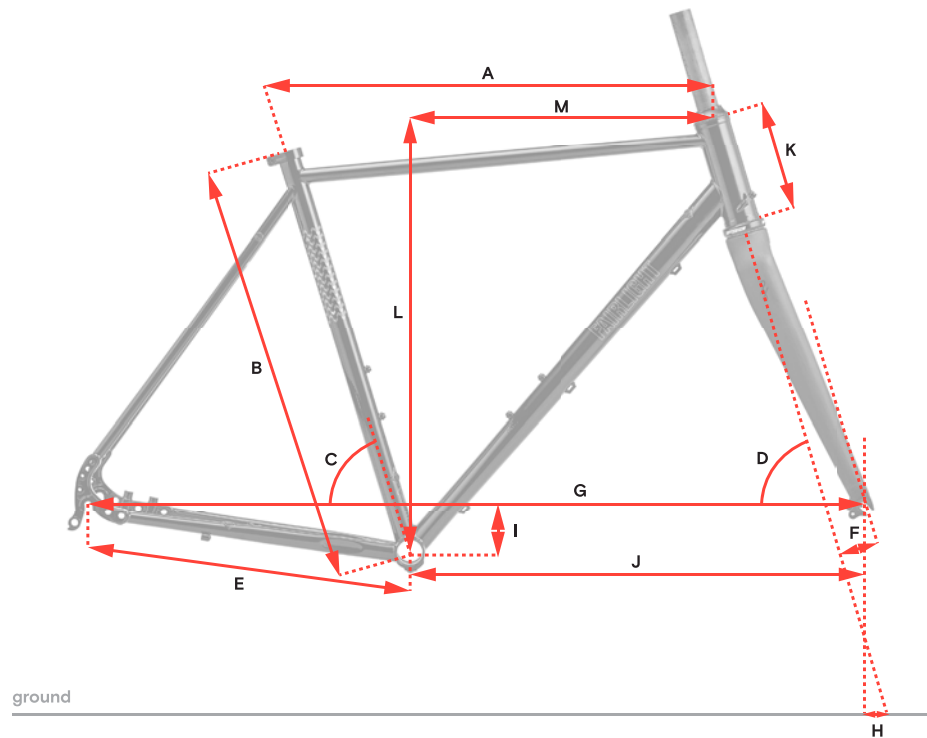
Designed to be higher at the front and shorter.
For people with longer legs and a shorter back
Or, for those wanting a more upright position.

FINDING THE RIGHT SIZE AND GEOMETRY

We always recommend having a bike fit; the benefits to your comfort and efficiency can be massive. This can only be done in person with a skilled bike-fit practitioner. If you've had a bike fit then you can send us your details and we'll provide you with a 'Fairlight Fit Report'. This recommends a frame geometry and the exact bike setup required to achieve your fit. If you go ahead with the purchase we'll set up the bike per your report.

If you haven't had a fitting you can use our online **Fit Guide Tool** to help find the right frame for you.





	Size	51R	51T	54R	54T	56R	56T	58R	58T	61R	61T
A	Top tube horizontal (mm)	536	531	550	545	566	558	580	573	594	594
B	Seat tube length (mm)	510	514	532	536	545	557	564	575	583	592
C	Seat tube angle	74	74	73.5	74	73	73.5	73	73.5	73	73.5
D	Head tube angle	72	71.5	72.5	72.5	73.5	73	73.5	73	73.5	73
E	Chainstay length (mm)	418	418	418	418	418	418	418	418	418	418
F	Fork rake	45	45	45	45	45	45	45	45	45	45
G	Wheelbase (mm)	993	993	998	999	1000	1002	1014	1017	1028	1039
H	Trail (mm)	63	66	60	60	54	57	54	57	54	57
I	Bottom bracket drop (mm)	68	68	68	68	68	68	68	68	68	68
J	Front center distance (mm)	585	585	590	590	592	594	605	609	619	630
K	Head tube length (mm)	110	140	130	160	140	180	160	200	180	220
L	Stack (mm)	530	557	551	579	564	600	583	619	602	639
M	Reach (mm)	383	370	386	378	394	380	402	389	410	405
	Fork length - axle to crown (mm)	381	381	381	381	381	381	381	381	381	381



FIT FUNCTION FORM

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 **FAIRLIGHT**