



Tri Shop Customer

bikefit@trishop.com

972-378-5476

Fit Type: Frame
 Stack: 600
 Reach: 415

Bike	Geometries			Configurations	
Felt FR	58	Stack: 594	Reach: 405	Felt FR2	4999
				Felt FR3 Disc	3499
				Felt FR3	2999
				Felt FR FRD Frameset	3499
Felt AR	58	Stack: 588	Reach: 406	Felt AR3	3499
				Felt AR FRD Frameset	3999
Scott Foil	XLarge	Stack: 589	Reach: 400	Scott Foil 10	4599
				Scott Foil 20	3599
				Scott Foil 30	2899
				Foil Premium Frameset	3999
				Foil 10 Frameset	2599
Orbea Orca OMR	57	Stack: 590	Reach: 398	Orbea Orca M20TEAM-D	4499
				Orbea Orca M20iTEAM	4999
				Orbea Orca M20TEAM	3999
				Orbea Orca OMR Frameset	3299
				Orbea Orca OMR Disc Frameset	3299

The bikes listed were selected based on their geometric compatibility and the fitter's assessment regarding a rider's needs, goals, and budget. The list is not intended to be a comprehensive assessment of bikes available in the market.

Any questions regarding contents of the list or regarding your bike fit are welcome and can be directed to bikefit@trishop.com.



Felt FR

Bike Website

Felt Bicycles

road

The FR is the stiffest, lightest and best performing road racing bike that Felt has ever created. Featuring a refined version of Felt's legendary racing geometry that boasts confident and instinctive handling, the FR is built around a precision tuned chassis that ensures that no watt is ever wasted and that riders are fresh for a finish line sprint after a long day in the saddle. The FR also showcases several integration features that have been optimized for contemporary drivetrains and components, including an intuitive cable management system that maximizes efficiency and utility. Available in both rim brake and disc brake versions, the FR offers riders every equipment choice available.

GEOMETRIES	SIZE	STACK	REACH	WHEEL SIZE
	43	499	362	700
	47	512	369	700
	51	530	377	700
	54	550	385	700
	56	572	394	700
	58	594	405	700
	61	621	414	700



FELT FR2

4999



FELT FR3 DISC

3499



FELT FR3

2999



FELT FR FRD FRAMESET

3499



Felt AR

Bike Website

Felt Bicycles road

In the battle against the wind, the AR Series continues to be a world leader. Designed and developed in the wind tunnel, the AR outperforms the competition in aerodynamics, weight and stiffness. The result is a bike that conquers the wind as well as the peloton.

GEOMETRIES	SIZE	STACK	REACH	WHEEL SIZE
	48	510	367	700
	51	523	379	700
	54	546	383	700
	56	567	392	700
	58	588	406	700
	61	617	417	700



FELT AR3

3499



FELT AR FRD FRAMESET

3999



Scott Foil

Bike Website

Scott Sports

road

The Foil is more than an aero road bike. Impressive comfort values, superb handling and smart integration make this bike the weapon of choice for many.

GEOMETRIES	SIZE	STACK	REACH	WHEEL SIZE
	XXSmall	503	371	700
	XSmall	508	379	700
	Small	527	384	700
	Medium	548	389	700
	Large	568	395	700
	XLarge	589	400	700
	XXLarge	608	403	700



SCOTT FOIL 10 (2017)

4599



SCOTT FOIL 20 (2017)

3599



SCOTT FOIL 30 (2017)

2899



FOIL PREMIUM FRAMESET (2017)

3999



FOIL 10 FRAMESET (2017)

2599



Orbea Orca OMR

Bike Website

Orbea Bicycles road

GEOMETRIES	SIZE	STACK	REACH	WHEEL SIZE
	47	506	370	700
	49	515	375	700
	51	533	380	700
	53	552	385	700
	55	572	391	700
	57	590	398	700
	60	616	404	700



ORBEA ORCA M20TEAM-D (2017) 4499



ORBEA ORCA M20TEAM (2017) 4999



ORBEA ORCA M20TEAM (2017) 3999



ORBEA ORCA OMR FRAMESET (2017) 3299



ORBEA ORCA OMR DISC FRAMESET (2017) 3299

Stack and Reach Definitions and Guidelines

Different bike manufacturers size their bikes in different ways: some provide a numeric size and some provide "t-shirt" sizing, such as Small, Medium, Large, and so on. However, different manufacturers, and often different bike models from the same manufacturer, have vastly different geometries even though they are listed as being the same "size". As a result, it's impossible to know one's bike size without also understanding the geometry of the bike frame in question.

A better way to understand the size of bikes, and the differences between different brands or models, is through the use of two important frame measurements: Frame Stack and Frame Reach. A rider with longer legs and a shorter torso is likely to prefer a tall/narrow bike having a tall frame stack and a narrow, or short frame reach. A rider with a longer torso and shorter legs would tend to prefer a bike with a long/low geometry, having a longer frame reach and a shorter frame stack.

The Tri Shop Fit Process accounts for your riding style and uses a dynamic bike fit to best assess the ideal position for you on a bike, and that leads us to measurements of a bike fits you best. Those measurements identify an ideal frame stack and frame reach that suits your riding style and your physiology best and ensures that you're getting the best value for your purchase.



Frame Stack

Measurement, in millimeters, of how high (vertically) a bicycle frame's head tube sits above the bottom bracket (the center-point around which the rider pedals).

The closer a bike's stack is to the stack determined by the fit process, the less steerer tube exposed on a bike with a traditional stem. For triathlon bikes with integrated bars, it will minimize the number of spacers required under the armpads, resulting in improved aerodynamics and a safer ride.

Frame Reach

Measurement, in millimeters, of how far in front (horizontally) a bicycle frame's head tube sits above the bottom bracket (the center-point around which the rider pedals).

The closer a bike's reach is to the rider's calculated reach, the easier it is to preserve ride quality and handling acuity.