

2026 Santa Cruz Stigmata Rival 1X AXS Rudy - Sizing & Geometry

Find Your Size

If you're on the cusp between the recommended height range of two sizes, the absolute best thing is to try to ride them both. At a minimum, check the stack/reach measurements on your current bike and compare it to the new model you are looking at to get an idea of a fit you are already comfortable with. If riding the bike is not an option, consider the following.

Personal Preference

A larger size frame will be more stable, and will give you more room to move without upsetting the weight-balance of the bike. The larger size will put the front wheel further in front of you, which gives the feeling of security and conversely, it will require more significant body movements when you WANT to shift the weight-bias of the bike. Think hard about your riding style and how active/intuitive you want it to be vs stable and speedy. You'll need to work a bit harder to muscle the larger bike around.

Body Dimension

Not all bodies at a given height are the same. If you have longer legs and a shorter torso than the average person your height, that may push you towards the smaller of the recommended sizes. If you're all torso and arms, most likely you'll want to size up.

All units are in millimeters or degrees.

Bike Geometry

	XS	SM	MD	LG	XL	XXL
Reach	375	390	405	420	435	450
Stack	550	564	576	600	612	631
Head tube angle	69.5°	69.5°	69.5°	69.5°	69.5°	69.5°
Head Tube Length	90	105	120	145	160	180
Rear Center	423	423	423	423	423	423
Front Center	605	625	645	668	688	710
BB Height	278	278	280	280	282	282
BB Drop	78	78	76	76	74	74
Wheelbase	1023	1043	1063	1087	1108	1130
Top Tube Length	533	552	570	592	610	631
Seat Tube Length	450	455	485	515	545	575
Seat Tube Angle	74.0°	74.0°	74.0°	74.0°	74.0°	74.0°