



DAMA: CARBON MODELS

DIVA - ONIX DAMA

1 FRAME SIZE	2 SEAT TUBE	3 TOP TUBE	4 HEAD TUBE	5 CHAIN STAY	6 SEAT ANGLE	7 HEAD ANGLE
46* (650c)	400	502	105	375	74.0	71.5
49	430	510	110	405	74.5	70.1
53	460	525	140	405	74.5	72.0

* Size 46 bicycles have 650c wheels, and are available in either the Diva or Aqua Dama models.

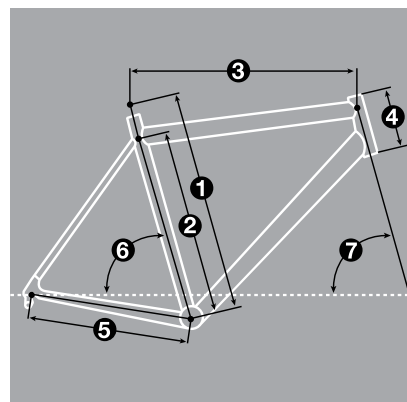
DAMA: ALUMINUM MODELS

AQUA DAMA

1 FRAME SIZE	2 SEAT TUBE	3 TOP TUBE	4 HEAD TUBE	5 CHAIN STAY	6 SEAT ANGLE	7 HEAD ANGLE
46* (650c)	400	502	105	375	74.0	71.5
49	430	510	112	405	74.5	70.3
53	460	525	145	405	74.5	72.0
56	490	540	150	405	74.5	73.8

Wheel Size Matters: Introducing Dama 650c Options

Orbea believes that every rider should have the same inspired experience. The average adult woman is approximately 5'4" tall. This means that approximately half of the female population is less than 5'4" and that a significant number of women need a bike smaller than can be designed with 700c wheels. When addressing the needs of our customers who are smaller in stature we were unwilling to make compromises in regards to how a bike should feel. The new 46 cm size with 650c wheels (available on flagship Diva and on Aqua Dama) will allow a woman of less than five feet to get the same precise fit without sacrificing handling or safety. Orbea knows that sometimes less is more.



DAMA GEOMETRY

Dama geometry consists of more than shorter top tubes and marketing hype. Every single angle of every frame size is designed to contribute to one of the smoothest, fastest, most stable performance bikes in the world. Our size 49 road bike is a perfect example of the care with which the Dama geometry was developed. Designed to be the smallest available production race bike made with 700c wheels, the size 49 was created with utmost attention to front-center measurements and headtube angles. The result is a real petit racing bike – a first in women's bike design.

Since its creation in 2000, our Dama geometry has been raced by Olympians, National Champions and the best women's racing teams in the world. Nothing emphasizes the success of our Dama design more than having women win on Orbea Dama bicycles, year after year. In addition to being awe-inspiring athletes, the feedback and opinions of our elite female racers has made them into de-facto designers at Orbea. Their ideas have proven as valuable as the technical expertise provided by Miriam Bengoetxea, our engineer. Together, these women are a dream-team of designers and product testers and have helped us to hone and expand the Dama range into what it is today.