Mondraker launches an evolution geometry concept focused on our core bike range. The new **Forward Geometry** presents clear advantages for any categories compared with a traditional geometry, all this benefits are focused to improve the control, handling and riding confidence.

The geometry defines the spirit and performance of any bike, it´s the main responsible of our feelings and marks the character of the bike. Mondraker's goal has been to move forward with a better overall geometry. This new concept is inspired on motorbikes geometry, also closer to other extreme applications as BMX or DH, and for sure not accepting the road heritage established a long time ago. Mondraker have taken the current trend that beats for longer top tubes and shorter stems, and carried it till the last consequences; really long top tube and almost not stem length.

FORWARD GEOMETRY VS CLASSIC GEOMETRY

The best way to understand the geometry changes is to compare directly with a conventional one. Foxy XR will be the flagship of the new **Forward Geometry** concept and it is the best model to compare lengths and angles between both geometries, Foxy series represents our best sellers due the pure versatility of these All Mountain models.

• New Foxy FG is 60mm longer top tube, as a result 60mm longer front-center because the head angle remains the same.

• 60mm longer top tube + 10mm stem length of the new Foxy FG = the same length that the 70mm old stem length of Foxy with classic geometry.

•Foxy FG and standard Foxy have the same distances between bottom bracket, saddle and handlebar, that´s mean the same perfect pedalling position for both Foxy's.

• The overall geometry is maintained on both Foxys if we use the same 140mm fork length.

- 68º head angle   - 430mm chain stay length
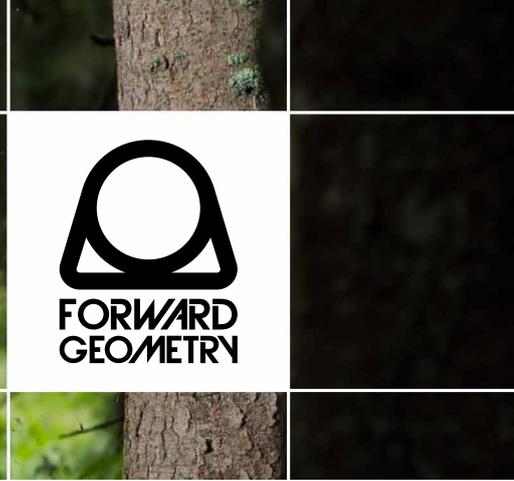- 75º seat tube angle   - 0mm BB height

CLASSIC GEOMETRY	FORWARD GEOMETRY

These geometry changes show a longer front triangle frame that situates the front wheel axel forward but keeps the handlebar in the same position thanks to a shorter stem. This is the key of the new **Forward Geometry** concept.

## FORWARD GEOMETRY ADVANTAGES

• Security in steep areas
The front axle is more advanced that in any other geometry making almost impossible to go over the bar in steep sections, it feels more secure and confident due to the slacker angle perception making your ride more confident and faster.

• Confidence at high speed
The longer wheelbase makes the bike much more stable over any terrain.

• Uphill precision
The front wheel keeps the contact on the ground avoiding wheelies due the longer front-center length.
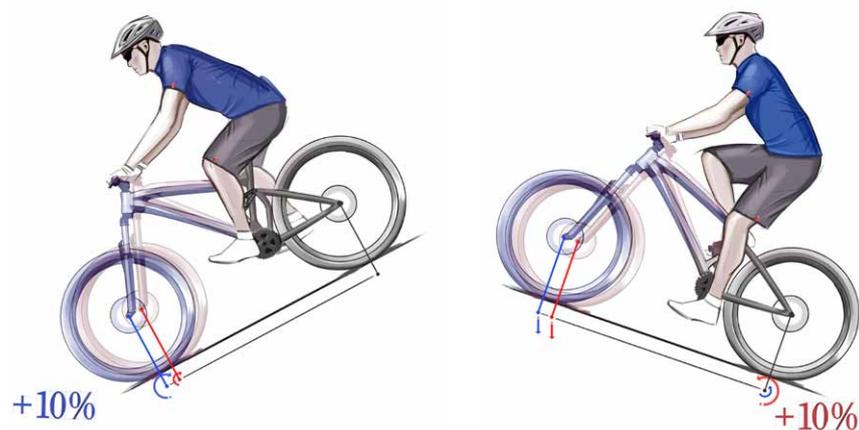
• Stability on rough sections
The FG defends a new weight balance between front and rear wheel making possible to load the front wheel a lot more than with a classic geometry. This possibility change your handling giving better grip in cornering and improving the control.

• Direct steering
The short stem with only 10mm length allows a lot less handlebar movement to get the same front wheel angle, what changes improves the steering precision and makes the bike very reactive despite the longer wheelbase.
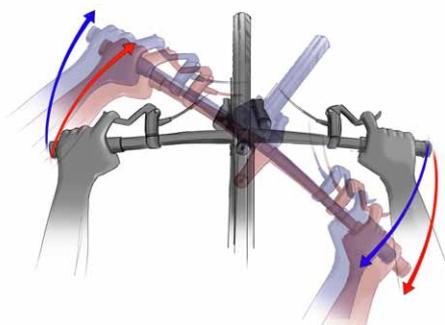
The new **Forward Geometry** offers new sensations for any category. After a short accommodation period to the bike handling, the overall control improves more than you can image. The new geometry makes your riding more stable, reactive and confident, giving you the chance to go faster.

Test it and have fun.
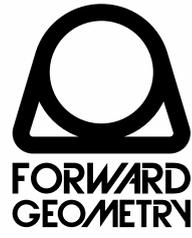
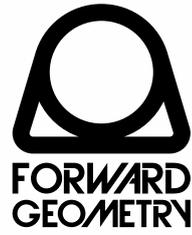## FORWARD GEOMETRY BIKE SERIES 2013

FACTOR XR

DUNE XR

SUMMUM PRO TEAM

FOXY XR

FORWARD GEOMETRY IN ACTION

Photo: Colin Meagher

Emmeline Ragot, *MS Mondraker Team* member and current World Champion, with his Summum Pro Team with **Forward Geometry** during the qualifying descent of World Cup's 3rd round in Val Di Sole, Italy. Emmeline got the best qualifying time with 6.6 seconds ahead of Rachel Atterton.

Fabien Barel, Mondraker ambassador and key in the development of **Forward Geometry**.

Photo: Sebastien Boue