



**NERO** *R*

# 3AIR

The 3Air is the technological heart of the Nero R. The fork features a three air chamber system: Gold (end-stroke progressivity), Silver (positive) and Bronze (negative). The use of this technology allows full customisation of the spring curve.

The big advantage is not only to be able to shape the fork's performance the finest amount, but also to do it quickly and easily.

Thanks to the 3Air system, you will be able to accurately adjust your fork without taking it off the bike, without using tools, without having to use internal air volume spacers; all you will need is a shock pump.



# 3AIR

With 3Air, you can quickly find the perfect setup for your fork, and quickly change it if needed to the specific needs of a race course or weather conditions.

The range of adjustments are so wide that you will be able to manipulate the spring curve using only air. In other words, the advantage of the 3Air system is to be able to obtain any type of performance, including the feeling of a coil spring, but with fine-tuning options that a traditional air system, or a coil spring, can't provide.

Furthermore, given the short amount of time you need to set your bike up, you can stay focused on choosing the lines for your race run.

Visit the following link to watch the tutorial on how to adjust the three air chambers on the Nero R:  
[youtu.be/\\_YwXRwLgp5c](https://youtu.be/_YwXRwLgp5c)





## GOLD (end-stroke progressivity)

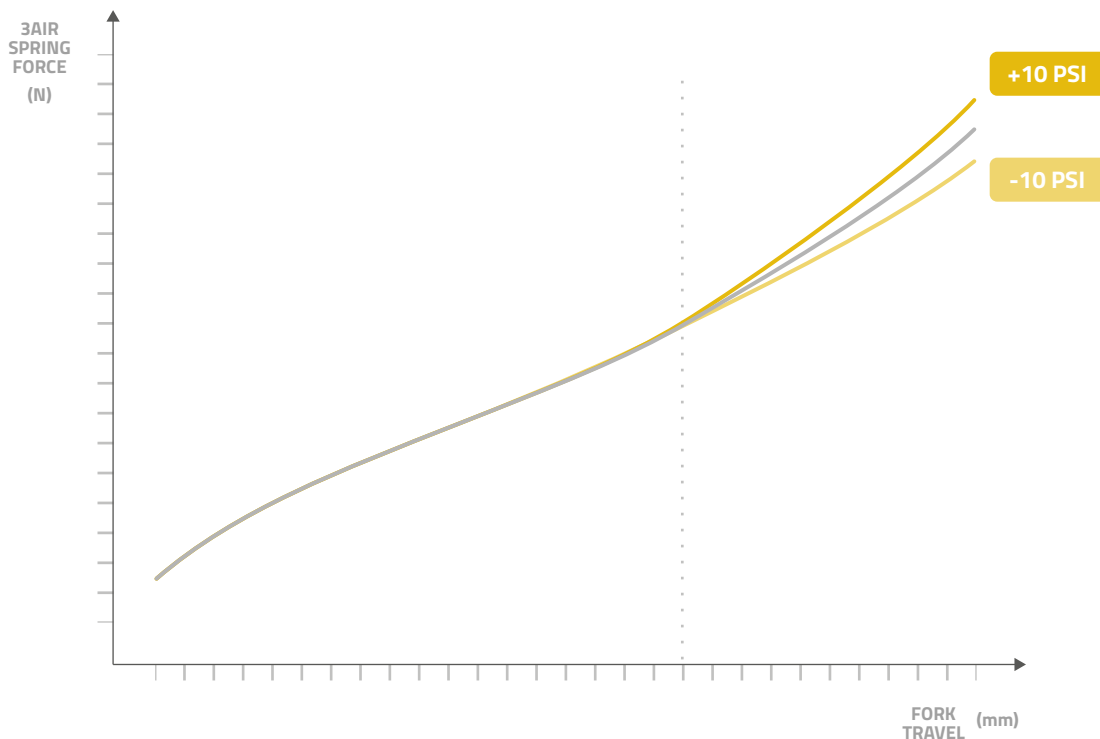
The Gold valve of Nero R controls the end-stroke progressivity of the spring curve. This chamber is the heart of the innovative 3Air system. The third chamber of the Nero R is not a traditional bottom-out chamber. As a matter of fact, a standard bottom-out operates only at the end of the travel and often in a sudden, uncontrolled way.

Basically, a traditional bottom-out merely increases the spring rate massively at the end of the stroke to reduce bottom-outs. However, the third chamber of the Nero R allows to fine tune the compression curve from about half of the travel to the end of the travel, thus allowing the rider to reach extremely accurate setup and customisation levels.

By simply using a shock pump, you will be able to customise the performance of the fork, adapting it to your riding style, all in a simple and quick way. It won't be necessary to unscrew anything or to use any tools, and you won't need any air volume spacers. All you will need is a shock pump and in few minutes you will reach the desired outcome.

During a race weekend, where the track changes every run and where time is of the essence, even outside the track under the paddock, the 3Air system of the Nero R will allow you to reach your ideal setup in the shortest possible time. It takes very little to set the progressivity of the Nero R.

The real benefit of this system is that the chambers always work simultaneously, that's why it is possible to use the third chamber to control the progressivity. Add 10 PSI or more through the Gold valve if you want a more progressive behaviour. Remove 10 PSI or more through the Gold valve if you want a more linear behaviour towards the end of the travel.

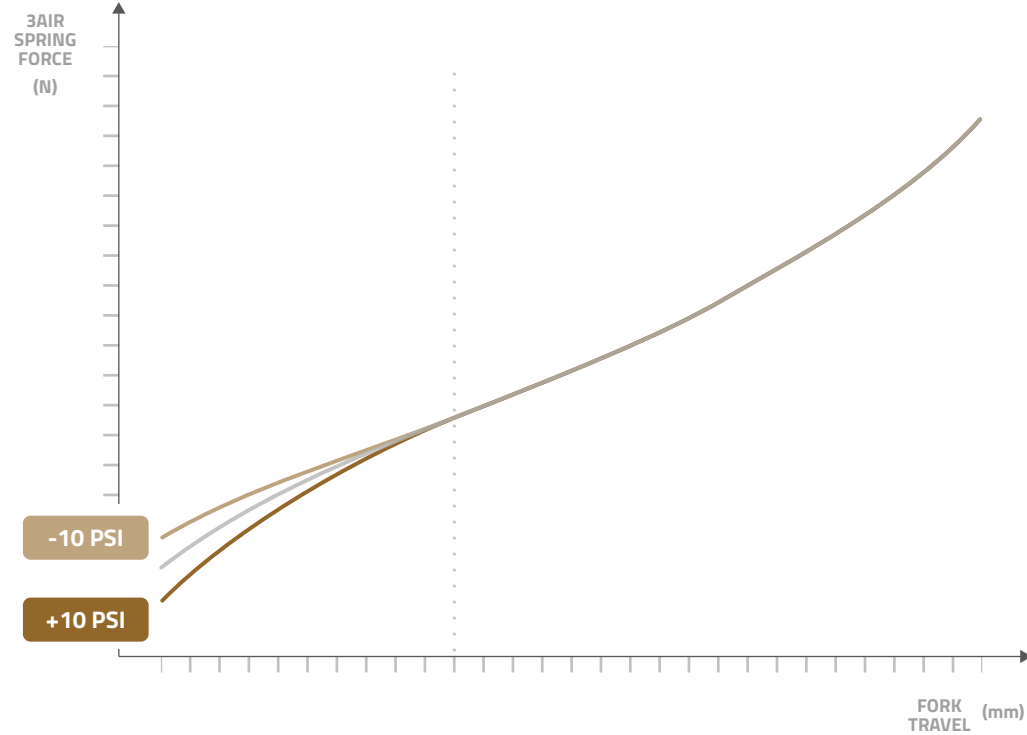




## BRONZE (negative)

The negative chamber of the Nero R is controlled by the Bronze valve. Through this valve, you can fine-tune the feeling of the fork in the initial part of the travel.

If you are looking for more compliant performance over small bumps, you will just need to add few PSI, whereas if you are looking for a firmer feeling at the beginning of the travel, then you will have to decrease the pressure by a little. Even in this case, you will have a full control and you will be able to shape the first part of the travel according to your riding style or to the specific requirements of a track. The procedure is very simple - all you have to do is to use a shock pump.



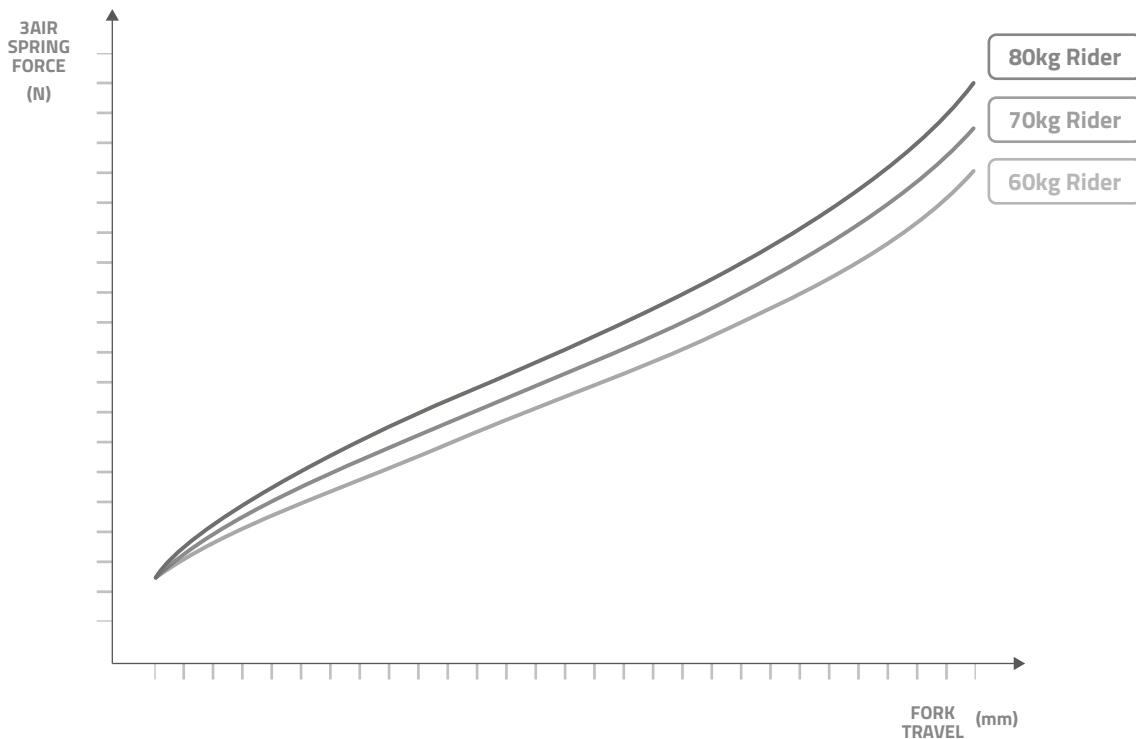


## GENERAL SETTING

Thanks to the 3Air, Nero R introduces the possibility to customise your fork to a new level. Saving time in the pits means also saving it in your race run. A fork that is quickly and easily adaptable to the needs of different tracks and different weather conditions gives a considerable advantage against the clock.

The setup of the Nero R is extremely simple; you just need to follow the pressures suggested on the pressure chart you'll find on the fork. Always remember to follow the inflating procedure in order to reach the desired setup.

The Gold valve (end-stroke progressivity) is always the first to be inflated, the Silver valve (positive) is the second one, while the Bronze valve (negative) is always the last one to be inflated. The procedure is simple, just remember the sequence of the World Champs podium: Gold, Silver and Bronze.



# 3AIR

In order to make the procedure even simpler and more precise, every Nero R will be equipped with a cutting-edge high pressure pump compatible with all suspension brands.

To avoid any air loss detaching the pump from the valve, we have used a pump with a quick-release mechanism instead of the traditional second screw.

If you want to personalise your setup, the 3Air system gives you almost limitless possibilities. All it takes is to follow three simple rules: 1) always respect the inflating sequence: Gold, Silver and Bronze; 2) Always inflate the Gold valve with a pressure that is greater than or equal to the pressure in the Silver chamber; 3) always inflate the Bronze chamber with a pressure at least 20 PSI greater than the pressure in the Silver valve.

Visit this link for the video tutorial with the instructions on how to set the 3Air of the Nero R:

[youtu.be/\\_YwXRwLgp5c](https://youtu.be/_YwXRwLgp5c)

or go to the Nero R product page on Formula website:  
[rideformula.com/products/mtb-forks/nero-r](https://rideformula.com/products/mtb-forks/nero-r)

## HIGH PRESSURE PUMP

