

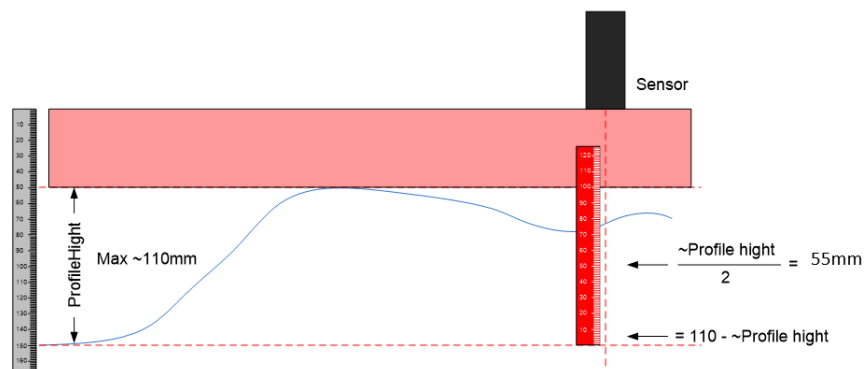
## Profile Scanning

When you start creating the profile for your rim, there are certain important precautions you should always consider. These steps are crucial to ensure safe and effective use of the machine, as well as to prevent any unfortunate incidents during the scanning progress.

## Profile Height Understanding

It is essential to have a clear understanding of the profile and its height. The profile has a maximum range of 110 mm, of which the last 50 mm are not visible to the laser, meaning it will simply display (0 mm) on the screen. This is critical to ensure there is sufficient clearance on both sides of the rim and to avoid collisions.

## Profile Scanning



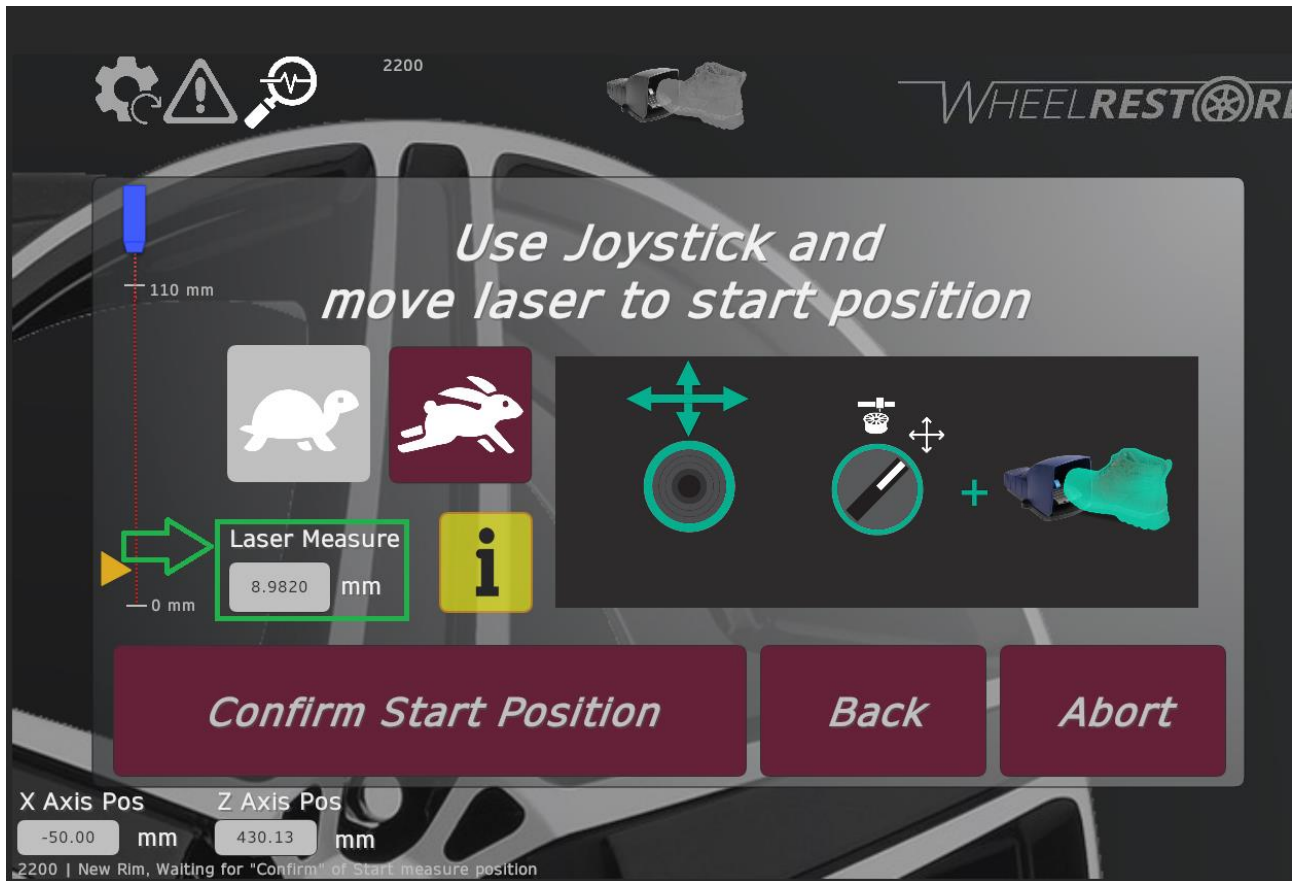
## Out of Range

In this picture, under the “Laser Measure” section, you can see that it reads “Out of Range” because it shows 0 mm. This indicates that you are too far away from your rim with the laser you intend to use for scanning.



## In Range

In this picture, you can see that you have descended far enough onto your rim with the laser, and as a result, you can observe the number changing.



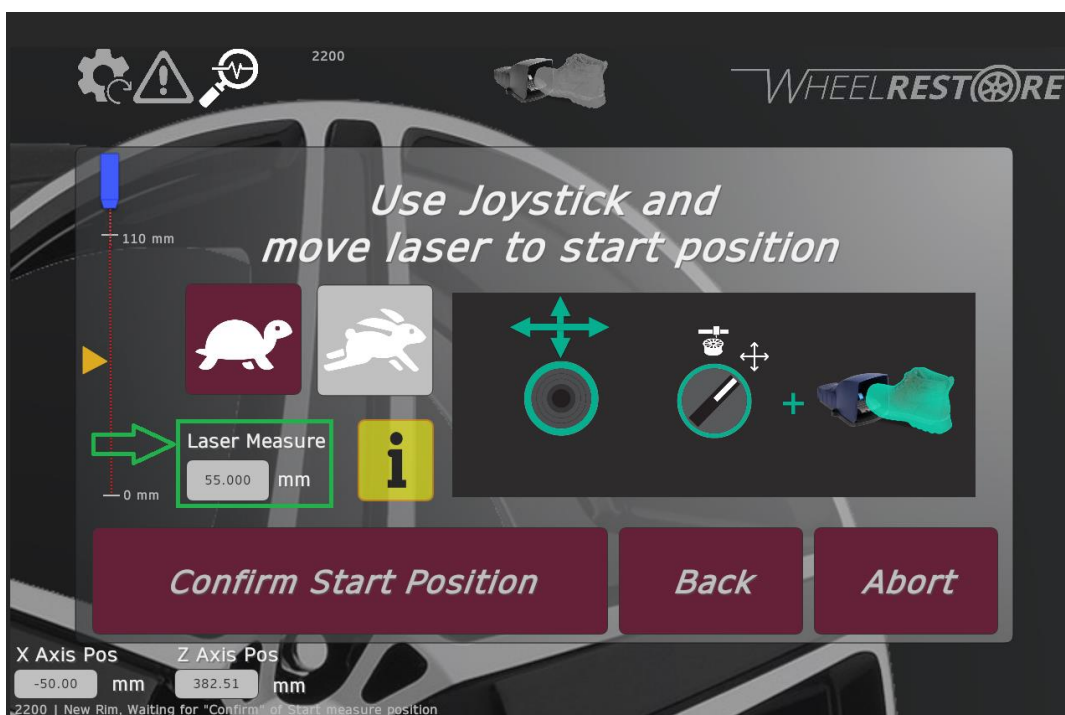
## Correct Method for Profile/Rim Scanning:

There are two methods for scanning your rim's profile, depending on the type of rim:

### Method 1

If your rim is not very deep, follow this method:

1. Move the laser to the starting position of the rim.
2. Lower the laser's height to approximately 55 mm.
3. Press the "Confirm Start Position" button and proceed with the scanning of your rim.



## Method 2

If your rim is deep, follow the following method to avoid collisions with the red X-axis crossbar at the rear and ensure you utilize the available 110 mm fully:

1. Identify the midpoint of the overall profile you wish to scan.
2. Then, move your laser to approximately the center of the rims profile.
3. Lower the laser's height to 55mm.
4. Move the laser's position to the starting position, but only in the X-direction.

By following these steps and considering the rim's design, you will be able to perform the profile scanning in a professional and safe manner, ensuring accurate results and preventing accidents.

