



# When a wheel balancer should be used and how a tyre changer can be used by the automotive shop owner

A **wheel balancer** and tyre changer are essential tools for any auto repair shop or garage. These machines help to ensure that vehicle wheels are properly balanced and mounted, which improves performance, handling, and safety on the road. In this article, we will discuss the benefits of wheel balancers and tyre changers and how they work.

## Wheel Balancers

[Wheel balancer](#) is a machine designed to accurately measure and correct any imbalances in vehicle wheels. They work by spinning the wheel and tire assembly and measuring any weight variations. Once the imbalance is identified, the machine will indicate the location of the imbalance and the amount of weight needed to correct it.

Wheel balancers come in various types, including manual, semi-automatic, and fully automatic. Manual wheel balancers require the operator to adjust the machine's settings to balance the wheel. Semi-automatic machines assist with the balancing process but still require some manual adjustments. Fully automatic machines use advanced technology to identify imbalances and make the necessary corrections automatically.

## The benefits of using wheel balancers:

- **Improved handling and performance:**

A properly balanced wheel reduces vibration, leading to a smoother ride, improved handling, and better overall performance.

- **Increased safety:**

An imbalanced wheel can cause significant damage to the vehicle's suspension system, leading to costly repairs. Additionally, a wheel that is not properly balanced can affect the driver's ability to control the vehicle, increasing the risk of accidents.

- **Cost savings:**

Regular use of a wheel balancer can help extend the life of tires and other vehicle components by reducing wear and tear caused by imbalanced wheels.

## **Tyre Changers**

A [tyre changer](#) is a machine that assists in the removal and installation of tires on vehicle wheels. These machines are essential for any garage or repair shop, as they simplify the process of changing tires, which can be a time-consuming and challenging task.

Tyre changers come in various types, including manual, semi-automatic, and fully automatic. Manual tyre changers require the operator to use a lever or other tool to remove and install the tire. Semi-automatic machines use pneumatics to assist with the process, while fully automatic machines use advanced technology to complete the process automatically.

### **The benefits of tyre changers include:**

- **Increased efficiency:**

A tyre changer can significantly reduce the time and effort required to remove and install tires on vehicle wheels.

- **Improved safety:**

Removing and installing tires manually can be a dangerous task, especially if the tire is under pressure. A tire changer can help to minimize the risk of accidents and injuries.

- **Cost savings:**

Regular use of a tire changer can help extend the life of tires and other vehicle components by reducing wear and tear caused by manual handling.

## **Conclusion**

If you are looking for such good quality equipment for your automotive shop or garage then get in touch with <https://interequip.com.au/> They offer a wide range of products to suit any budget

and requirement, and their products are designed to be user-friendly, accurate, and reliable. Their commitment to quality and customer service is second to none, making them the perfect partner for any garage or auto shop. Contact them today to learn more about their products and services, and take the first step towards enhancing the efficiency and performance of your auto shop or garage.