

Passenger car wheel balancer UNITROL TROLL 2412 USG with sonar, LED panel and automatic measurement



Technical Data

Rim diameter range:	10" - 30"
Rim width range:	2" - 15"
Maximum wheel weight	70 kg
Balancing accuracy	1 g
Measuring speed	140
Power of the drive engine	80 W
Electric supply	230V / 50 Hz
Dimensions	880/1070/1500
Weight	90 kg

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The **TROLL 2412 USG wheel balancer** is a professional wheel balancing machine for passenger cars and light commercial vehicles, designed for intensive use in tyre service centres, automotive workshops and vulcanisation workshops. The 2412 USG model automatically measures the basic wheel parameters: diameter, width and distance, which shortens service time and reduces the risk of operator error.

The ultrasonic sonar enables contactless measurement of the rim width. As a result, the wheel balancer is well suited for aluminium rims. In addition, it speeds up the operator's work and reduces the risk of incorrect data entry. Then, the machine indicates the weight placement position. As a result, wheel balancing is more accurate. Moreover, the number of corrections during operation is reduced.

The TROLL 2412 USG model is equipped with a touchscreen LED display, which ensures clear parameter reading and intuitive operation. The machine has a Ø40 mm shaft and a mechanical Haweka wheel clamping system, allowing stable wheel mounting during measurement.

The wheel balancer supports rims with a diameter of **10"-30"** and a width of **2"-15"**, while the maximum wheel weight is **70 kg**. Thanks to its **1 g imbalance accuracy**, the machine is suitable for daily wheel service for passenger cars, SUVs and light commercial vehicles.

TROLL 2412 USG is a good choice for workshops that want to increase the throughput of their balancing station, improve operator comfort and offer customers precise wheel service for both steel and aluminium rims.

Parameter

- **Model** - TROLL 2412 USG
- **Index** - 2412 USG
- **Device type** - Wheel balancer for passenger cars and light commercial vehicles
- **Data input method** - Automatic measurement of diameter, width and distance
- **Width measurement** - Ultrasonic sonar
- **Display** - LED
- **Shaft diameter** - Ø40 mm
- **Wheel clamping system** - Mechanical Haweka clamping system
- **Rim diameter** - 10"-30"
- **Rim width** - 2"-15"
- **Maximum wheel weight** - 70 kg
- **Imbalance accuracy** - 1 g
- **Rotational speed** - 140 rpm
- **Motor power** - 80 W
- **Power supply** - 230V / 50 Hz
- **Dimensions D/W/H** - 880 / 1070 / 1500 mm
- **Machine weight** - 90 kg

Wheel balancer for steel and aluminium rims - product features

- Automatic measurement of 3 wheel parameters — diameter, width and distance.
- Ultrasonic sonar — contactless rim width measurement.
- Touchscreen LED panel — fast and convenient machine operation.
- 1 g balancing accuracy — precise operation for passenger car and light commercial vehicle wheels.
- Ø40 mm shaft — a popular standard in workshop wheel balancers.
- Mechanical Haweka clamping system — stable wheel mounting during measurement.
- Support for 10"-30" rims — a wide range of workshop applications.
- 230V power supply — connection to a standard workshop electrical installation.
- Maximum wheel weight of 70 kg — suitable for passenger cars, SUVs and light commercial vehicles.
- A good option for seasonal tyre changes — faster measurements and fewer manual settings.

Application of the UNITROL TROLL 2412 USG passenger car wheel balancer

- tyre service centres,
- automotive workshops,
- vulcanisation workshops,
- servicing passenger car wheels,
- servicing light commercial vehicle wheels,
- servicing steel and aluminium rims,
- seasonal tyre changes,
- precise wheel balancing after repair, tyre replacement or rim change.

Wheel balancer for seasonal tyre changes

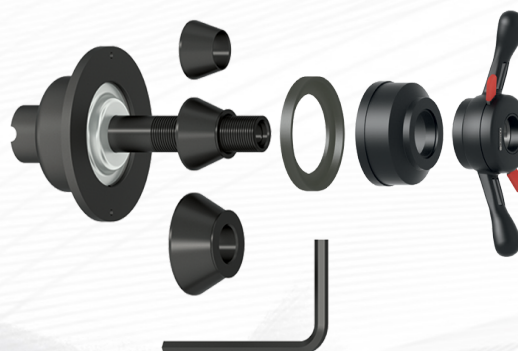
- Passenger car wheels.
- Light commercial vehicle wheels.
- Steel rims.
- Aluminium rims.
- Rim diameter: 10"-30".
- Rim width: 2"-15".
- Maximum wheel weight: 70 kg.

How to use the UNITROL TROLL 2412 USG wheel balancer?

- Mount the wheel on the balancer shaft using the appropriate cone and clamping system.
- The machine will automatically measure the basic wheel parameters.
- The ultrasonic sonar will measure the rim width.
- Start the measuring cycle.

- After the measurement is completed, read the imbalance values on the LED panel.
- Attach the weights in the positions indicated by the machine.
- Perform a control measurement.

**Uchwyt mocowania koła Haweka
ProGrip z wałkiem 40 mm i 3 stożkami
44-111,5 mm.**



**Kowadełko do doginania ciężarków
nabijanych.**

Dotykowy panel LED.



Available Colors



Basic Colors



Custom Colors

