



# **TECO NEWS**

Advanced improvements for the Touchscreen Range



### **N. 17** 1/12/2025

We are pleased to announce a major evolution of the Touchscreen wheel balancers in our product range. New features designed to provide a faster, smarter and more diagnostic-oriented work experience.

Presented as a world première at Autopromotec Bologna and available on machines produced from September 2025, these innovations represent significant progress in terms of automation, precision and service quality.

The main innovations introduced are the following:

- ▶ **Weight Right Plus**, now available on all touchscreen models
- ► AutoWS (Auto Wheel Scan) for contactless models (Teco 740 Teco 750 Ultra)
- ▶ **New diagnostic functions** dedicated to the Teco 750 Ultra







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#### 1. WEIGHT RIGHT PLUS - ADVANCED AND MORE INTUITIVE WEIGHT MANAGEMENT



The new **Weight Right** now in the **Plus** version has been completely redesigned to make counterweight management simpler, faster and more sustainable.

#### Main new features:

- Clear and simplified interface with always visible indicators and **WR ON/OFF** activation.
- ► Real-time counters of weight, time and cost savings, configurable by currency and cost per kg of counterweights.
- Detailed analysis of savings with distinction between adhesive weights and clip-on weights.
- An intelligent algorithm that automatically adapts intervention thresholds according to wheel type.

When imbalances are minimal, the machine signals "OK-OK", avoiding unnecessary corrections. Results: up to 20% of cycle time saved and up to 30% less weight used.

#### 2. AUTOWS - TOTAL WORK CYCLE AUTOMATION



**AUTOWS** (Auto Wheel Scan) minimises manual operations, increasing speed, productivity and user-friendliness of the wheel balancer.

Once the function has been activated from the configuration menu, the machine:

- automatically detects the wheel size without pressing the "Size" button;
- selects the ideal programme based on the rim profile (always editable by the operator);
- recognises **identical wheels**, maintaining the same internal planes;
- automatically identifies different wheels, completely re-measuring their profile.

**Benefits:** fewer steps, fewer errors, greater operational efficiency.





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#### 3. TECO 750 ULTRA - NEW DIAGNOSTIC FUNCTIONS

The **Teco 750 Ultra** now incorporates an even more comprehensive diagnostic package designed to detect the real defects that generate vibration, instability and comfort problems on the road.

In addition to measuring **radial and lateral eccentricity** (1st harmonic and peak-to-peak) and to **Fast-Matching** (best rim/tyre match-mounting) and **BestFit** (optimum wheel mounting on the hub) functions, there are now new analyses:

- ► Tyre tread depth in 3 areas of the tyre
- ▶ Tyre conicity/drift, responsible for the tendency of the vehicle to pull to one side





These insights complement the analysis of the set of tyres, allowing the **OPTI DRIVE program** of the Teco 750 Ultra to automatically **suggest the best arrangement** after measuring all **four wheels**.

For further technical or commercial information, please contact us.