



## 3D wheel balancing machine with touch screen monitor, touchless sonar device, pneumatic clamping, laser line and LED light

Wheel balancer 3D with Touch Screen monitor, touchless sonar device, pneumatic clamping, laser line and LED light. Super-automatic 3D data entry via distance and diameter gauge and SONAR (LA) for rim width. Laser-guided weight placement, precise and easy-to-use software, Italian engineering.

### Description

3D Wheel balancing machine with **Touch Screen HD monitor**, touchless sonar device, pneumatic clamping, laser line and LED light. S835PT wheel balancing machine automatically measures wheel width with a touchless sonar device attached to the wheel guard, to take an **accurate measurement in seconds**. Just clamp the wheel onto the shaft, touch the edge of the rim with the measuring gauge, close the wheel guard, and let the machine do the work! Reliability and unrivaled accuracy. Our time-saving 3D wheel balancing machine is the most effortless solution among those on the market. Precise, reliable, and easy-to-use software, Italian engineering. **All data entered automatically**, laser-guided weight placement eliminates any possibility of human error. Best choice for high-volume tire shops using efficient products. Eye-catching graphics, touchscreen HD high-definition monitor, and updated software for a great user experience. **Pneumatic clamping** speeds up wheel-clamping operations. **Super-automatic 3D data entry** via distance and diameter gauge and touchless SONAR (LA) for rim width.

### Functions

- 19" Touch Screen High Definition Monitor for a great user experience.
- Automatic measuring of wheel diameter and distance.
- Automatic measuring of wheel width by touchless SONAR (LA).
- Pneumatic wheel clamping. Complete with cones and pneumatic clamping ring nut.
- Automatic START and STOP.
- Three-position pedal. The pedal controls the wheel locking/unlocking and brake system to lock the wheel in place for weight application.
- Static and dynamic balancing.
- Huge combination of ALU programs.
- SPECIAL ALU-S PROGRAMS. Programs for selecting the best correction planes for any kind and shape of alloy rim.
- "No Wheel Needed" (NWN) system for calibrating gauges. The gauge shaft or Sonar detector is positioned at a given distance from the fixed points established for the procedure, without need for any sample wheel. Very easy calibration of measuring gauges.
- Hidden weight. Fast & Easy Split (FES) function is the fastest method on the market to split balancing weights behind the spokes of your aluminum wheel.
- OPTIMACH Software (optimization of the unbalance between rim and tire).
- Self-diagnosis.
- Self-calibration.
- Opposite Weight function (OPF), enables to place the balancing stick-on weight on the lower inside part of the aluminum wheel (at 6:00).
- Self-Selection Mode. Self-recognition of the Working program.
- Optimization of static unbalance.
- CLIP system for application of stick-on weight.
- Complete with Wheel guard.
- Laser line for exact positioning of adhesive weights.
- LED light to illuminate working area.
- Eye-catching graphics, updated software for a great user experience.
- Advanced software for further upgrades.
- USB port for firmware updating via pen-drive.
- A very practical Wheel Lifter reduces effort and increases productivity (optional).

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## Standard Features

Max. wheel weight	75 kg
Max. tire diameter	1100 mm
Rim diameter	10"-30" / 255-765 mm
Rim width	1.5"-20" / 40-510 mm
Power supply	230V - 1ph (50/60) Hz
Unbalance detection time	4.7s (5 3/4 "x 14") 15 Kg
Rotating speed	< 150 rpm
Balancing precision	÷ 1 g
Operating pressure	8-10 bar (115-145 PSI)
Net weight with guard	102 kg
Max overall dimensions	1350 x 1150 x 1280÷1540 mm



**S 835PT**  
Standard Accessories



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