

**3D wheel balancer with video display, touchless sonar, pneumatic clamping, laser line and led light**

3D Wheel balancer with TFT HD monitor, touchless sonar, pneumatic clamping, laser line and LED light. All data entered automatically, laser-guided weight placement eliminates any possibility of human error. Precise, reliable, and easy-to-use software. Pneumatic clamping speeds up wheel-clamping operations. Italian engineering.

**Description**

3D wheel balancer with video display, touchless sonar, pneumatic clamping, laser line and LED light.

Super-automatic 3D data entry via distance and diameter gauge and touchless sonar for rim width (without manual rim width caliper). Precise, reliable, and easy-to-use software. All data is entered automatically, laser-guided weight placement eliminates any possibility of human error. Speed, accuracy, and simplicity!

High-performance wheel balancer, all electronic components are manufactured in Italy. Best choice for high volume tyre shops using efficient products.

Eye-catching graphics, bright and colorful TFT display, updated software for a great user experience. Pneumatic clamping speeds up wheel-clamping operations.

**Functions**

- Flat screen HD color video monitor 19" TFT.
- 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 tyre).
- 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. tyre 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 835P**  
Standard Accessories



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