

TECHNICAL DATA

| SBM WAVE 7            |                                                |
|-----------------------|------------------------------------------------|
| Rim Width             | 1-20 (manually) / 1-15 (automatic data entry)  |
| Max. wheel width      | 490 mm                                         |
| Rim Diameter          | 8-40 (manually) / 10-30 (automatic data entry) |
| Max. wheel diameter   | Up to 1,150                                    |
| Max. wheel weight     | 80 kg car                                      |
| Power supply          | 1-230 V, 50 60 Hz                              |
| Balancing speed       | 220rpm a 50Hz                                  |
| Compressed air supply | 8-10 bar                                       |
| Max. height           | 1,300 mm                                       |
| Max. depth            | 1,840 mm                                       |
| Width                 | 1,400 mm                                       |
| Balance weight        | 160 kg                                         |

- SCOPE OF DELIVERY:
- Pliers
  - Weight sample 60 gr
  - Gauge
  - Rubber protection
  - Weight removal blade
  - Flange complete with cones



| VERSION | RAL 3000 | RAL 7016 | PNEUMATIC LOCKING | MANUAL LOCKING | LASER POINTER | SONAR | MATCHING PROGRAM |
|---------|----------|----------|-------------------|----------------|---------------|-------|------------------|
| AVVP    | •        | •        | •                 |                | •             | •     | •                |
| AVVL    | •        | •        |                   | •              | •             | •     | •                |



The right to make changes of a technical nature and to alter the range on offers is reserved. | 01/2021

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SBM WAVE7

THE PERFECT MATCH





## HMI - HUMAN MACHINE INTERFACE

### HARDWARE

#### Monitor Touch Screen

- Industrial application
- Anti-glare panel
- Touch screen gloves friendly

#### Smart Pedal

- Flange control
- Switch tyre position for weight application

### SOFTWARE

#### LSU (Laser Scanner Unit)

- Laser Control
- Laser Programming

#### GPU (Graphic Power Unit)

- Graphic Control
- Graphic Interface

#### WBU (Wheel Balancing Unit)

- Balancing Control
- Balancing Programming

#### MCU (Motor Control Unit)

- Mechanical Control
- Mechanical Programming

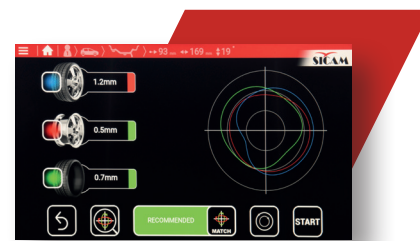
## SI - SERVICE INTERFACE

### SERVICE

- Guided self diagnosis program for user
- Guided self diagnosis program for professional technician
- USB software updates

### HARDWARE:

- LSU
- WBU
- MCU
- GPU



FIXED AND ERGONOMIC  
MONITOR POSITION



EFFICIENT WEIGHTS  
ORGANIZER



## WBI - WHEEL BALANCING INTERFACE

### DATA ENTRY

- Automatic spokes numbers & positions identification
- Automatic wheel type identification
- Automatic wheel data acquisition
- Automatic weight application acquisition

### HARDWARE:

- LSU
- SONAR

### BALANCING

- OSD - dynamic imbalance optimization
- Imbalance reading at constant speed
- 6s complete cycle

### HARDWARE:

- MCU
- Inverter (silent)
- Measurement Shaft 80 Kg

### WEIGHT APPLICATION

- "Ghost" split weight program
- Double tyre positioning through pedal or monitor touch
- Adjustable laser position program with wheel balancer data self-setup
- Tyre locking in position
- Cycle break in position

### HARDWARE

- N.2 Lasers for clip weight application (internal-external)
- Mobile internal laser for stick weight (internal)

## ROI - RUN OUT INTERFACE

### DIAGNOSIS

- Run-Out data advance area
- Fast Run-Out check icon
- Guided matching procedure wheel rim
- Dedicated diagnosis wheel rim only
- Dedicated diagnosis wheel only

### HARDWARE:

- Rear SONAR
- LSU

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