

## The speed champion!



With **G3.EXTREME** read times of the imbalances and total time of launch and positioning of the wheel are reduced up to the **record time of 5.5 seconds.**



**WINDOWS CE**



**SONAR OPTION**



**LASER**



**PNEU-LOCK OPTION**



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**FASEP**   
MADE IN ITALY  
SOMEONE YOU CAN TRUST.

## The speed champion: 5,5 seconds!

### EMS

Automatic width gauge.

LCD 19" monitor,  
8 buttons key pad with icons.

Compartments for weights (13),  
cones (4+6) and tools (1).

### ALU-SE

Automatic input/gauge  
to measure and apply stick-on  
weights.

Flange holder side cabinet

PC Control Unit  
with USB port.



### FASEP WHEEL BALANCING SYSTEM

#### TriSensor

3 sensors system  
for unbalancing measurement.

#### IFS

Integrated-flange shaft for  
maximum centering accuracy.

### LASER

Laser pointer to ease  
application of adhesive  
weights.

The Laser System  
makes it **easier**  
and **accurate**  
the application  
of adhesive  
weights inside  
the rim.

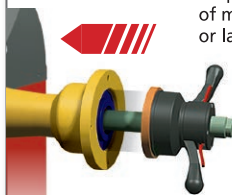
LASER



### PNEU-LOCK

Double effect pneumatic lock.

- **YES** Effortless accurate clamping.
- **YES** Safe operation
- **YES** It operates even in the event of malfunction of pneumatic or lack of compressed air.

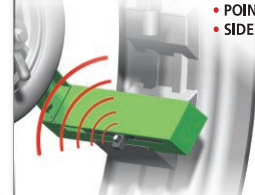


PNEU-LOCK

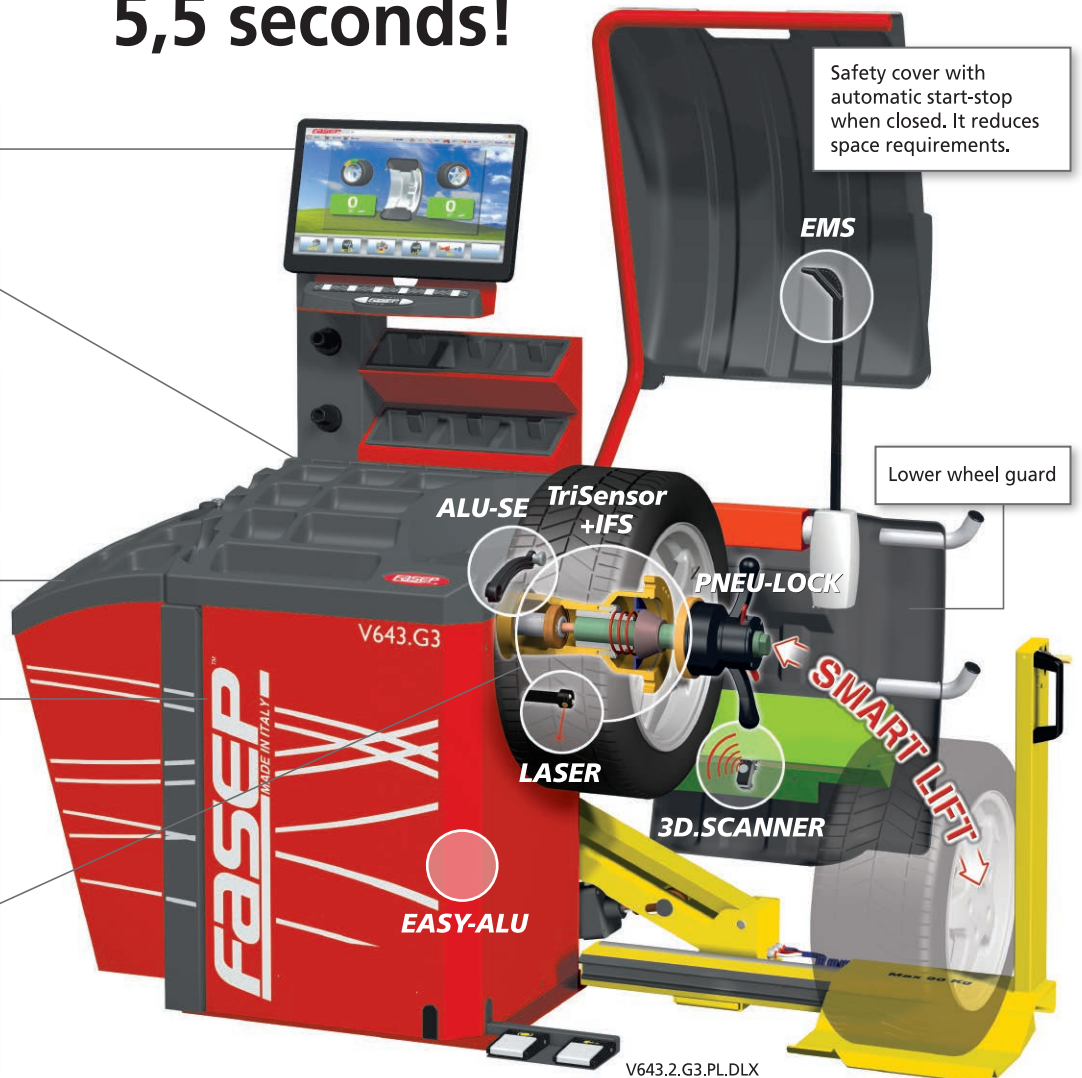
### 3D.SCANNER

Automatic scanner system which measure  
the run-out of the tyre and of the rim with  
**1 mm accuracy** as well as **side slip** of tyre.

- POINT-BY-POINT MEASURE
- POINT OF MAXIMUM DEVIATION
- SIDE-SLIP FOR 4 WHEELS



3D.SCANNER



V643.2.G3.PL.DLX

Designed for the tyre specialists with heavy peak jobs, V643.2 offers maximum performances for wheel balancing, thanks to its innovative features. V643.2 incorporates the latest low-speed technology with 16-bit electronics. Also, the software, stored on a flash memory, can be upgraded in seconds.

The heavy duty shaft allows 90 kg of maximum weight on the shaft, a record unsurpassed. The heart of the balancer is built around the TriSensor System, a FASEP exclusive design, and IFS System (integrated-flange shaft) for maximum centering accuracy. Customized special versions.



# The advantages of FASEP Balancing System



## FASEP Wheel Balancing System TriSensor + IFS: simply incomparable!

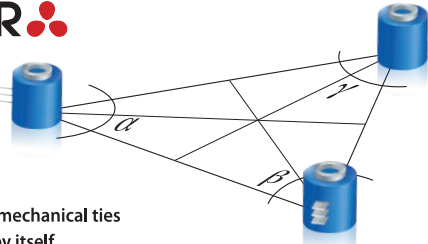
### 3 Sensors System



for unbalancing measurement

**TRI  
3SENSOR**

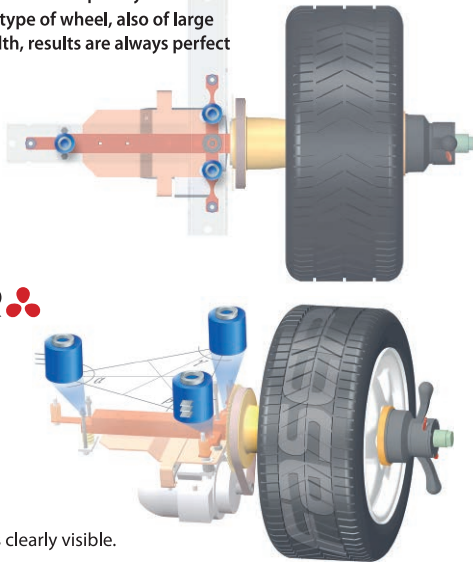
*Ideal system*



- **NO** no need of mechanical ties
- **YES** it is stable by itself
- **YES** the centrifugal force goes completely through the sensors
- **YES** the unbalance is completely measured
- **YES** with each type of wheel, also of large size or width, results are always perfect

*Exclusive FASEP Design!*

**TRI  
3SENSOR**



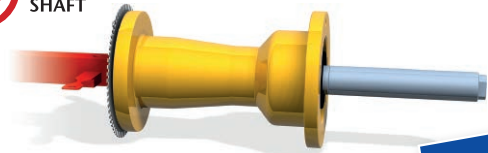
Fasep mechanics, view from top and exploded, with the 3 sensors clearly visible.

### INTEGRATED FLANGE Shaft (IFS)

for a perfect centering



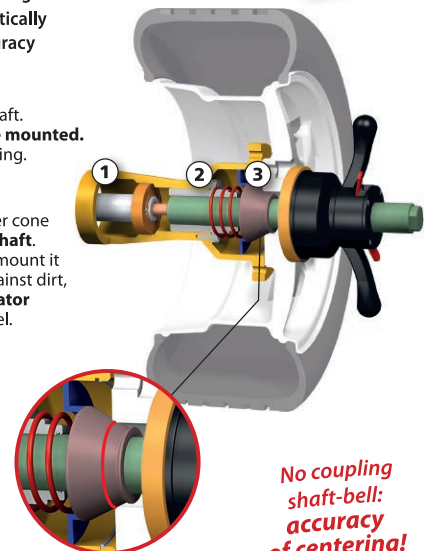
INTEGRATED FLANGE SHAFT



**RESULTS ALWAYS PERFECT!**

- **YES** the bell flange is integrated in the shaft
- **NO** it doesn't need to be mounted
- **NO** dirt or usury
- **YES** tolerances of coupling are eliminated
- **YES** it improves dramatically the centering accuracy

- 1 The bell flange is integrated in the shaft. **It doesn't need to be mounted.** No tolerance of coupling.
- 2 The rear spring for the use of the inner cone is **integrated in the shaft.** It is not necessary to mount it and it is protected against dirt, **facilitating the operator** in mounting the wheel.
- 3 Inner cone. **Centering** is absolutely easy and accurate.



*No coupling shaft-bell: accuracy of centering!*



### G3.EXTREME

The new **G3.EXTREME** technology includes a series of improvements all contributing to the **reduction of working time.**

**G3.EXTREME news:**

- Electronic motor control (inverter)
- Use of quiet and powerful three-phase motors
- Very quick cycle time (start, braking and automatic wheel positioning in 5.5. sec)
- Automatic positioning system APS2 faster and more accurate, controlled by the keyboard or the brake pedal
- Electromagnetic brake included as standard
- 50-60Hz seamless operation (electronic motor control operates shaft always at same speed)

**APS 2**  
Quick and accurate positioning of the wheel.

**NEW**

**AUTOSELECT 2**

**AUTOSELECT 2**  
Autoselect function improved and enhanced.

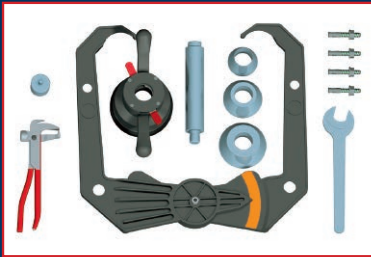
### SONAR

**OPTION**

External automatic measuring system



**STANDARD EQUIPMENT**



**TECHNICAL FEATURES**

• Power source	220V 50-60Hz 1Ph
• Motor power	50 W
• Power source	400 W
• Balancing speed	98 RPM
• Rim diameter	8" (200 mm) - 26" (650 mm)
• Rim diameter (alu-s)	8" - 23"
• Wheel Diameter (max) with wheel-guard	34" (850 mm)
• Rim Width (max) with wheel-guard	16" (415 mm)
• Wheel Weight (max)	90 Kg (198 Lbs)
• Measuring time	4 - 15 s.
• Accuracy	1 gr.
• Angular accuracy	256 divisions (accuracy = 1,4 deg)
• Monitor	LCD SVGA 19"
• Noise	< 70 dB (A)

**FUNCTIONS**

- Unit of measure
- **START-STOP** Automatic
- Display step 1 or 5 gr
- Display cut-off 1 to 9 gr
- **STOP-ON-TOP** at the end of measuring run (only 1Ph)
- Autodiagnostic
- Autocalibration
- **SPLIT** Possibility to divide the balance weight and hide behind the spokes in a non-visible position
- Statistics
- **FCC** Fast Calibration Check
- Rim Databank
- **ALU-S** ALU Special function
- **ALU-SE** Electronic ALU-S function
- Information center (telediagnostic)
- **MARS** Automatic Minimization of Residual Static Unbalance
- Optimization (LEVEL 2)
- Rim run-out: check rim geometry/eccentricity
- Planarity
- **AFC** Automatic Flange Calibration
- **ASF** ALU Special functions (LEVEL 3)
- **APS** Automatic Positioning System (LEVEL3)
- **FAST** Fast balancing mode (LEVEL3)

**OPTIONAL EQUIPMENT**



**AMSF-HD Pro Bike**

Motorcyle Adaptor Kit 14 mm.



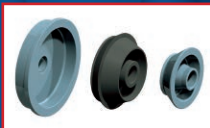
**AMSF-10**  
10 mm. Shaft for motorcycle



**AMSF-18**  
18 mm. Shaft for motorcycle



**FUL-HD**  
Universal Self-centering flange



**KF**  
Kit Off-road & Light Trucks



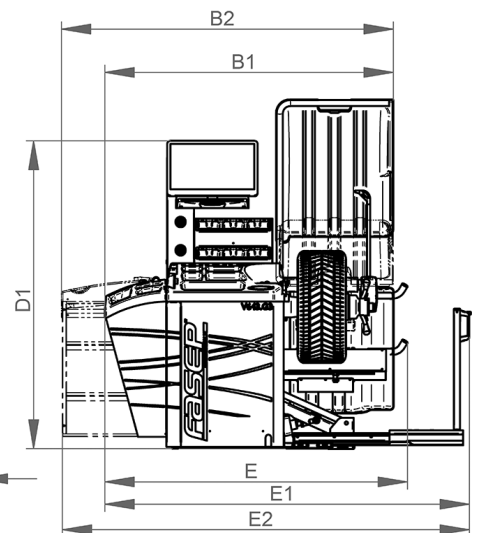
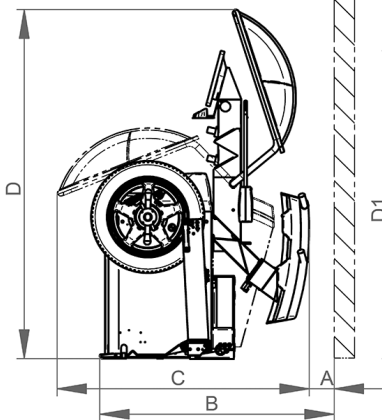
**SBC**  
Set centering bushings



**FC**  
Centering flanges 4/5 holes



A= 300mm      D= 1730mm  
B=1150mm    D1= 1520mm  
B1= 1410mm   E= 1480mm  
B2= 1620mm   E1= 1780mm  
C= 1230mm    E2= 1990mm



FURTHER ACCESSORIES ON

[www.fasep.it](http://www.fasep.it)

Authorized dealer



For further information about this and other products, please visit [www.fasep.it](http://www.fasep.it)

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