

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



Cod. V111.002 - Edizione n. 6 - Luglio 2016



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




Safety cover with
automatic start-stop
when closed. It reduces
space requirements.

Lower wheel guard

V643.2.G3.PL.DLX

PNEU-LOCK **OPTION**
Double effect pneumatic lock.

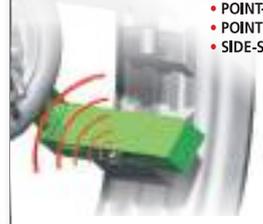
- **YES** Effortless accurate clamping.
- **YES** Safe operation
- **YES** It operates even in the event of malfunction of pneumatic or lack of compressed air.




PNEU-LOCK

3D.SCANNER **OPTION**
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

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!

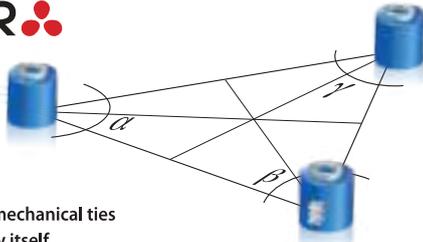
3 Sensors System



for unbalancing measurement

**TRI
3SENSOR**

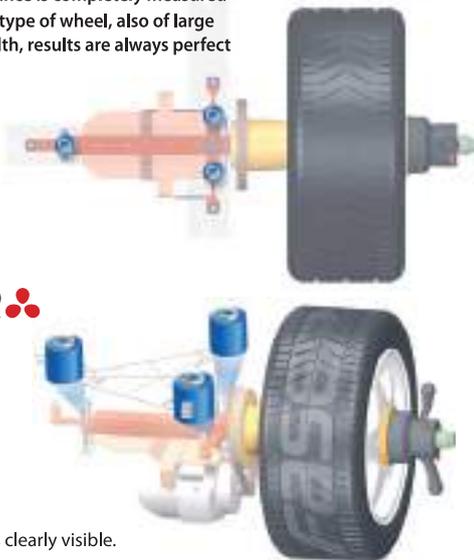
Ideal system



- **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

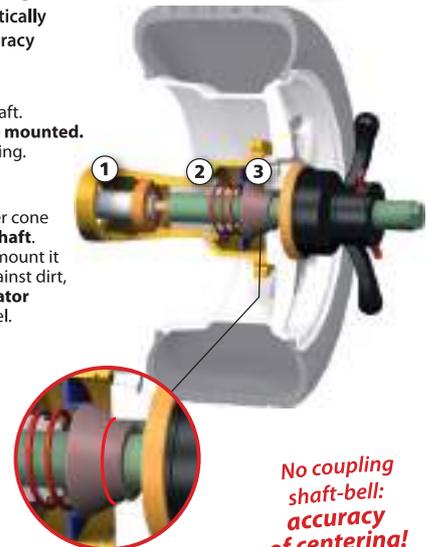
IFS INTEGRATED FLANGE SHAFT



**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)

AUTOSELECT 2



APS 2

Quick and accurate positioning of the wheel.



NEW

AUTOSELECT 2
Autoselect function improved and enhanced.

SONAR

OPTION

External automatic measuring system



STANDARD EQUIPMENT



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

TECHNICAL FEATURES

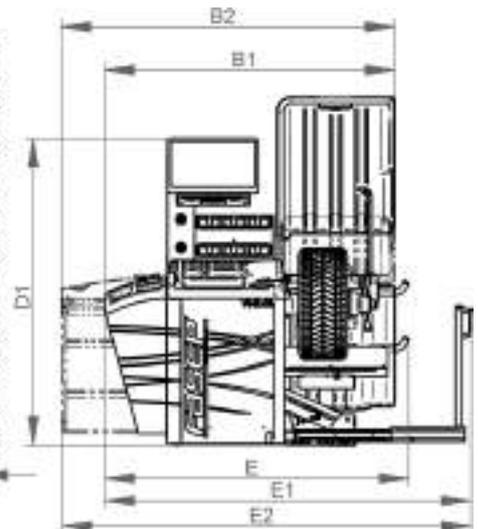
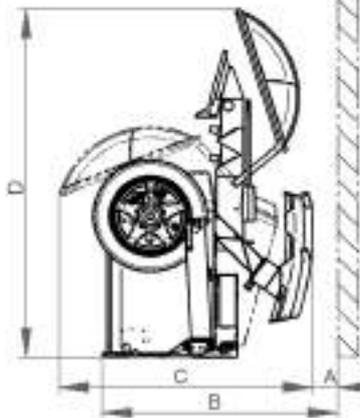
• Power source	220V 50-60Hz 1Ph
• Motor power	50 W
• Power source	400 W
• Balancing speed	98 RPM
• Rim diameter	8" (200 mm) - 26" (650 mm)
• Rim diameter (alu-s)	8" - 23"
• Wheel Diameter (max) with wheel-guard 34" (850 mm)	
• Rim Width (max) with wheel-guard	16" (415 mm)
• Wheel Weight (max)	90 Kg (198 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)



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



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Authorized dealer



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