VIDEOTRONIC **V643.2 MAXIMA**

V643.2

WHEEL BALANCERS

The speed champion!

RECORD SPEED 5.5 SECONDS

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.**

V643.2.G3.PL.ULX

WINDOWS CE

Microsoft Windows CE

SONAR

OPTION

LASER

PNEU-LOCK

OPTION

G3.EXTREME

1969 ANNIVERSARY 2014 45 YEARS

fasep MADE IN ITALY

SOMEONE YOU CAN TRUST.

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

VIDEOTRONIC **V643.2 MAXIMA**

V643.2

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.

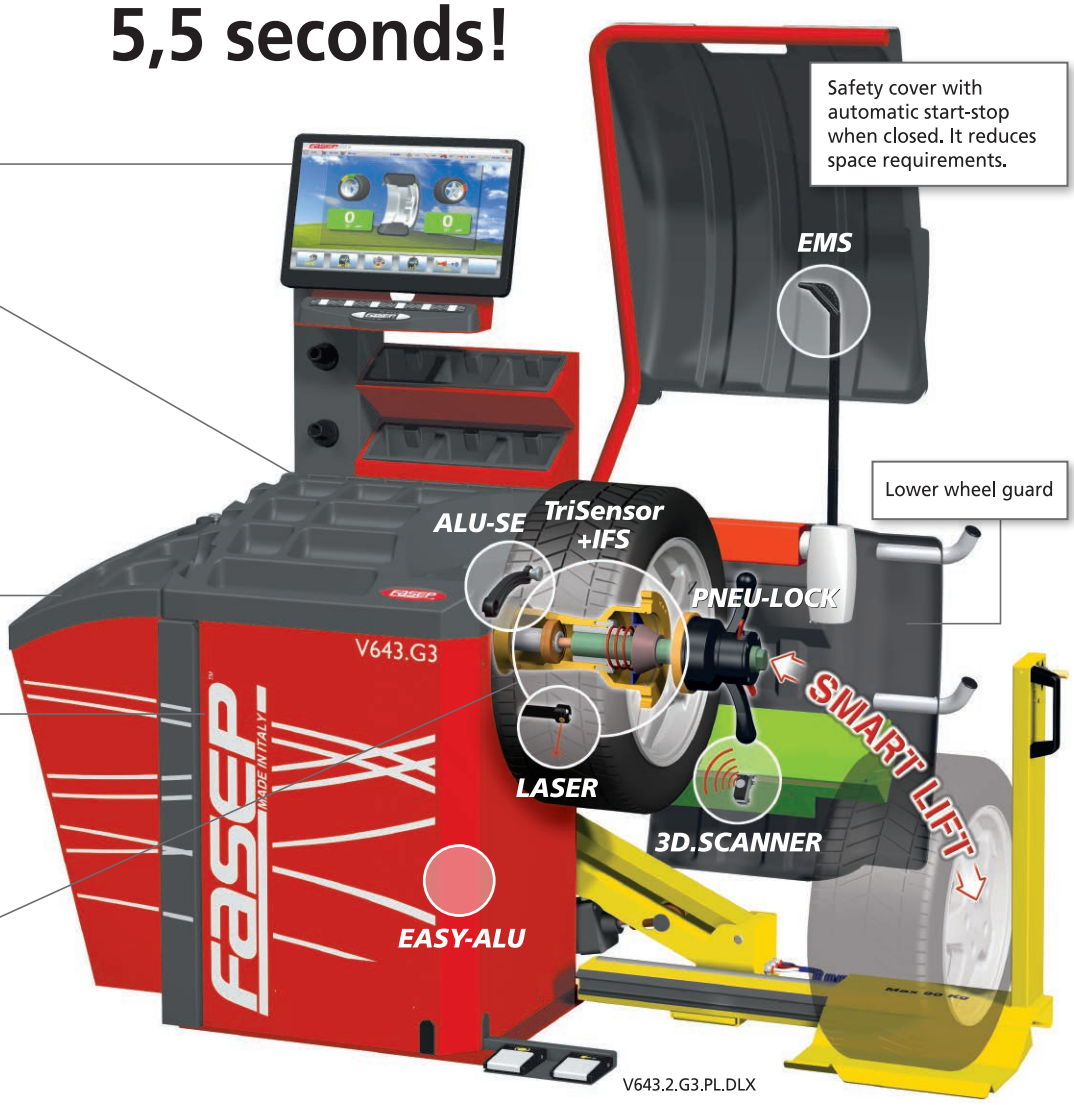
Flange holder side cabinet

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.

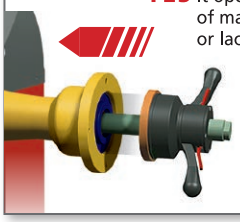
The Laser System makes it **easier and accurate** the application of adhesive weights inside the rim.

OPTION

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.

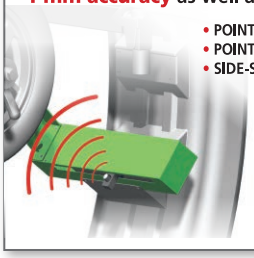


OPTION

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



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, ca be upgraded in seconds.

The heavy duty shatft 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

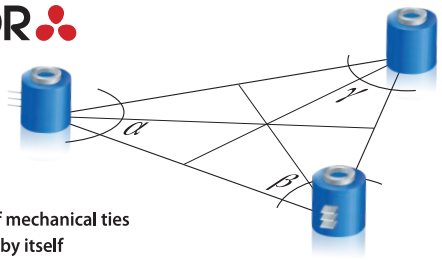
FASEP Wheel Balancing System
TriSensor + IFS: simply incomparable!

3 Sensors System

for unbalancing measurement

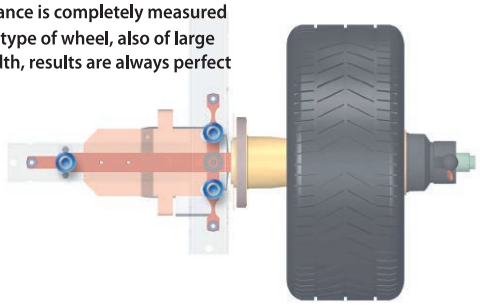
TRI S3NSOR

Ideal system

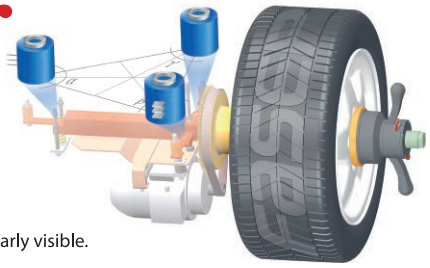


- **NO** no need of mechanical ties
- **YES** it is stable by itself
- **YES** the centrifugal force goes completely through the sensors
- **YES** the unbalance is completely measured
- **YES** with each type of wheel, also of large size or width, results are always perfect

Exclusive FASEP Design!



TRI S3NSOR

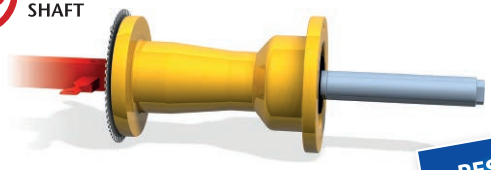


Fasep mechanics, view from top and exploded, with the 3 sensors clearly visible.

INTEGRATED FLANGE Shaft (IFS)

for a perfect centering

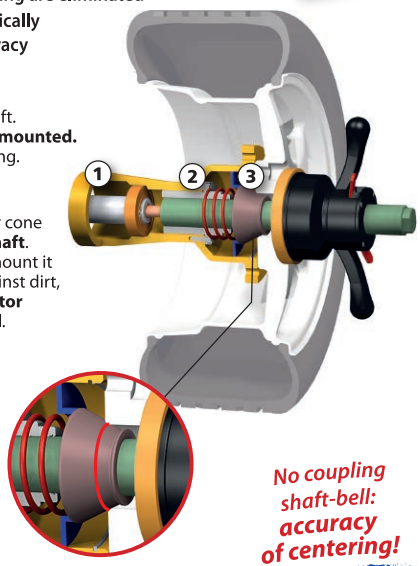
IFS INTEGRATED FLANGE SHAFT



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 absolutly **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.

AUTOSELECT 2
Autoselect function improved and enhanced.

SONAR

OPTION

External automatic measuring system

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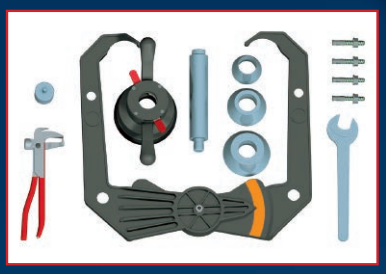
V643.2

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 (only1Ph)
- 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)

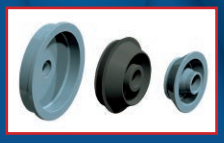
OPTIONAL EQUIPMENT

AMSF-HD
Pro Bike
Motorcycle
Adaptor Kit 14 mm.

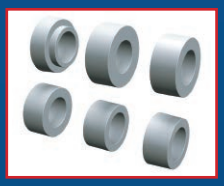
AMSF-10
10 mm. Shaft
for motocycle

AMSF-18
18 mm. Shaft
for motocycle

FUL-HD
Universal
Self-centering
flange



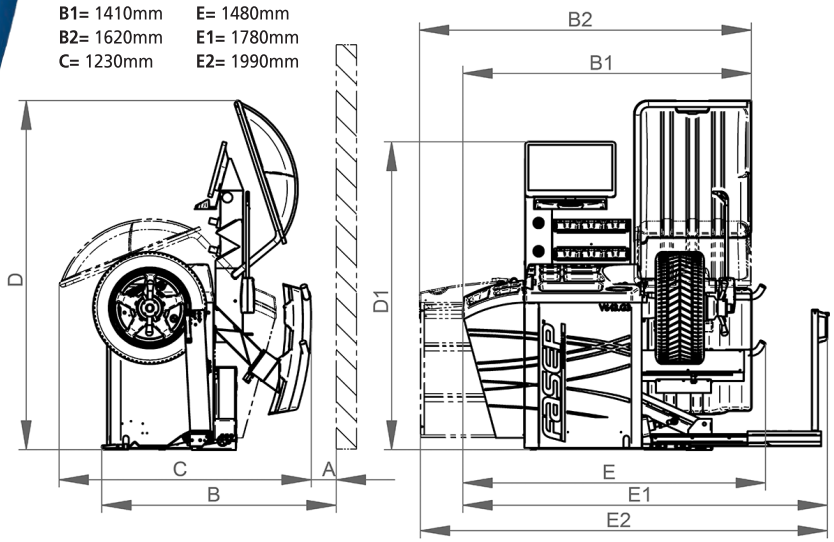
KF
Kit Off-road
& Light Trucks



SBC
Set centering
bushings

FC
Centering
flanges
4/5 holes

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



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www.fasep.it

Authorized dealer

For further information about this and other products, please visit
www.fasep.it

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