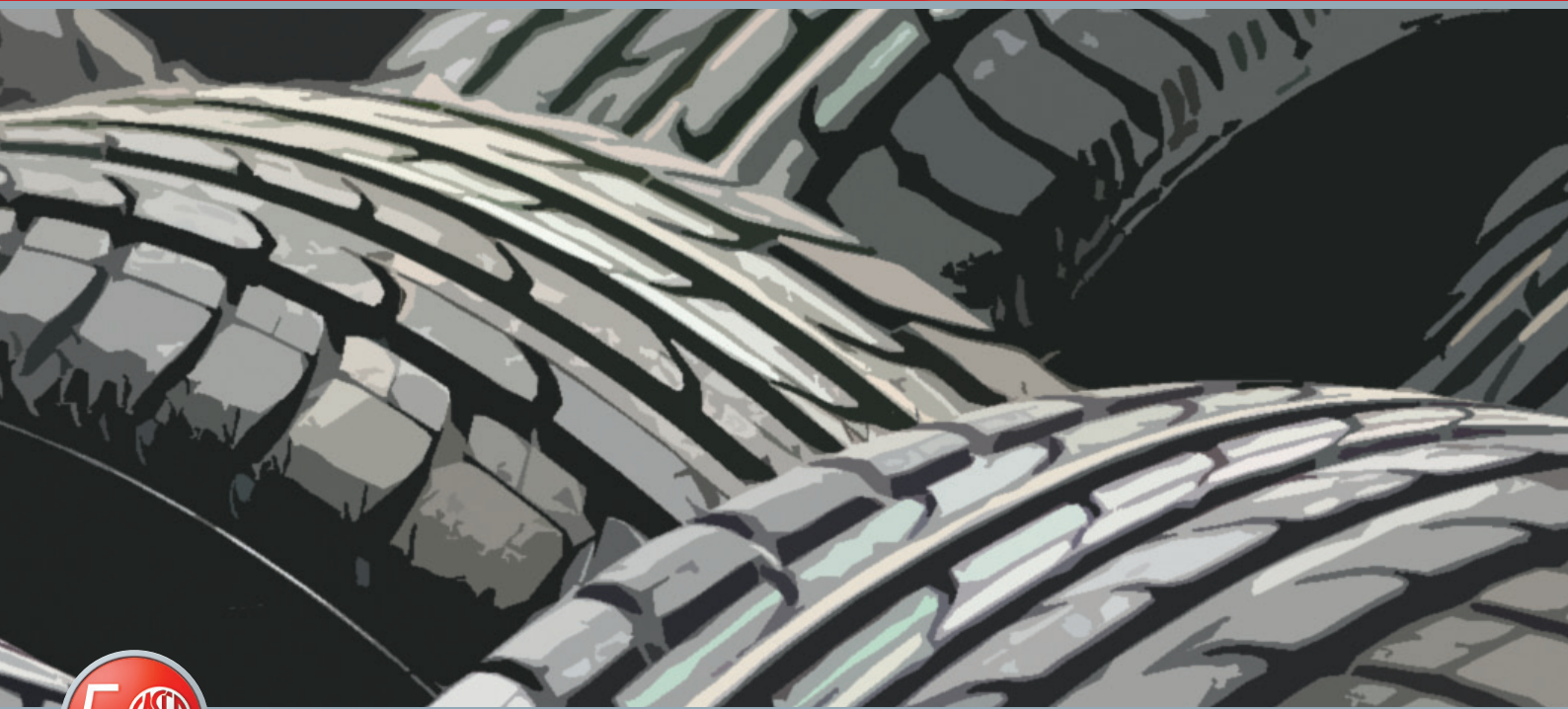


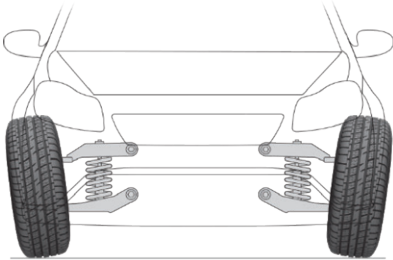
TP8000 F/PROFIL LASER TREAD READER

for passenger cars / light commercial vehicles (including twin axles)

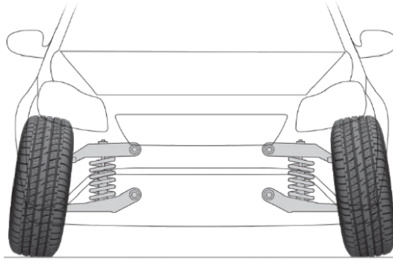


To avoid abnormal tire wear due to misalignment problems

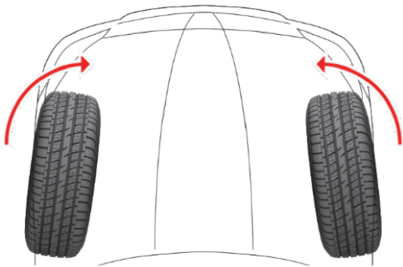
Positive Camber



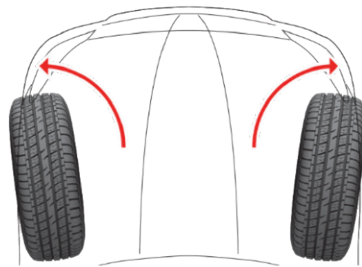
Negative Camber



Toe in



Toe out



Toe alignment



To avoid problems due to over/under inflation of the tire



Excessive pressure



Insufficient pressure



To justify the tire change, certify the wear
of the removed tires and the tread of the new tires

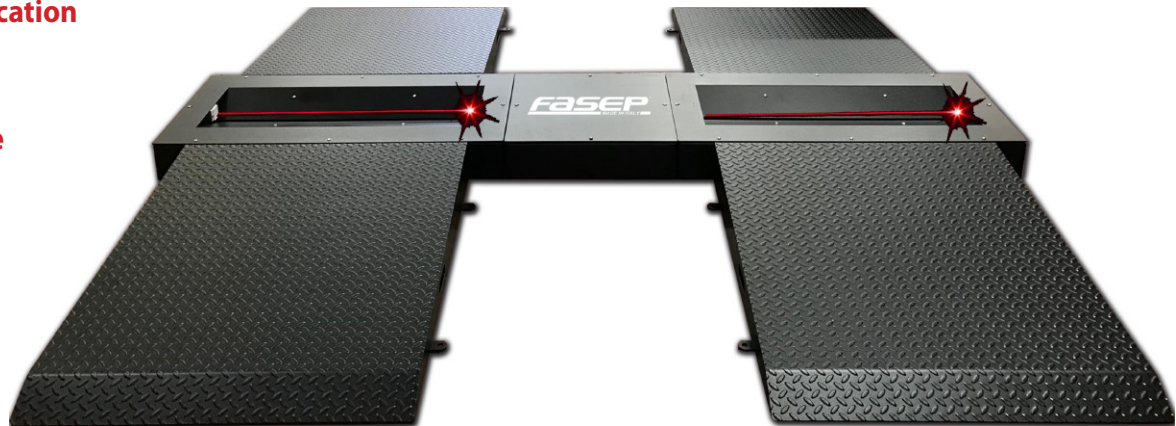


TREADS ALWAYS UNDER CONTROL

- **Easy installation** (flush or floor mounting)
- **Checks tread size** in few seconds (< 5 sec).

ADVANTAGES:

1. **Increased customer trust**
2. Tire condition **certification**
3. **More checks**
on wheel alignment
4. Seasonal tire **storage**
without dispute
5. **Increased turnover**
for replacement



TP8000 F/PROFIL: description of software operation

MENU DESCRIPTION

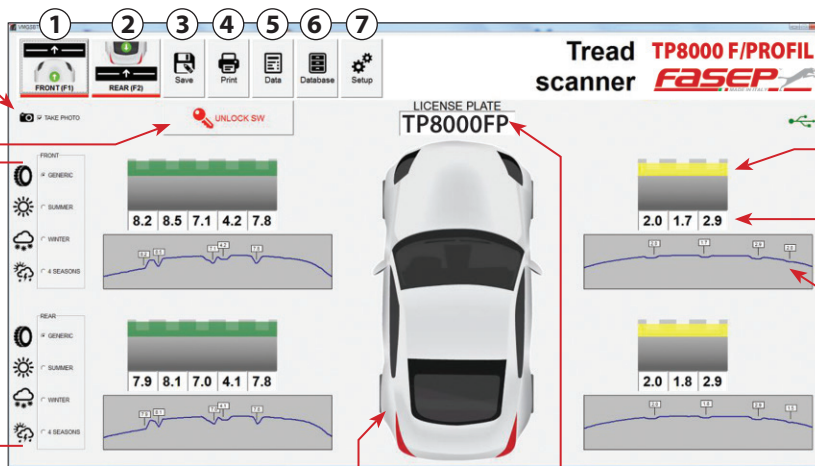
- ① FRONT (F1): the test starts with the front axle
- ② REAR (F2): the test starts with the rear axle
- ③ SAVE: the test is saved in a folder
- ④ PRINT: print the test report
- ⑤ DATA: vehicle / customer / workshop data
- ⑥ DATABASE: all tests saved in a folder
- ⑦ SETUP

Left side of the vehicle

Enables **automatic photo** of the vehicle during the test
SW unlock: enter code to unlock software

Tyre selection for front and rear axle / **tyre types**:

1. Generic
2. Summer
3. Winter
4. 4 seasons



Right side of the vehicle

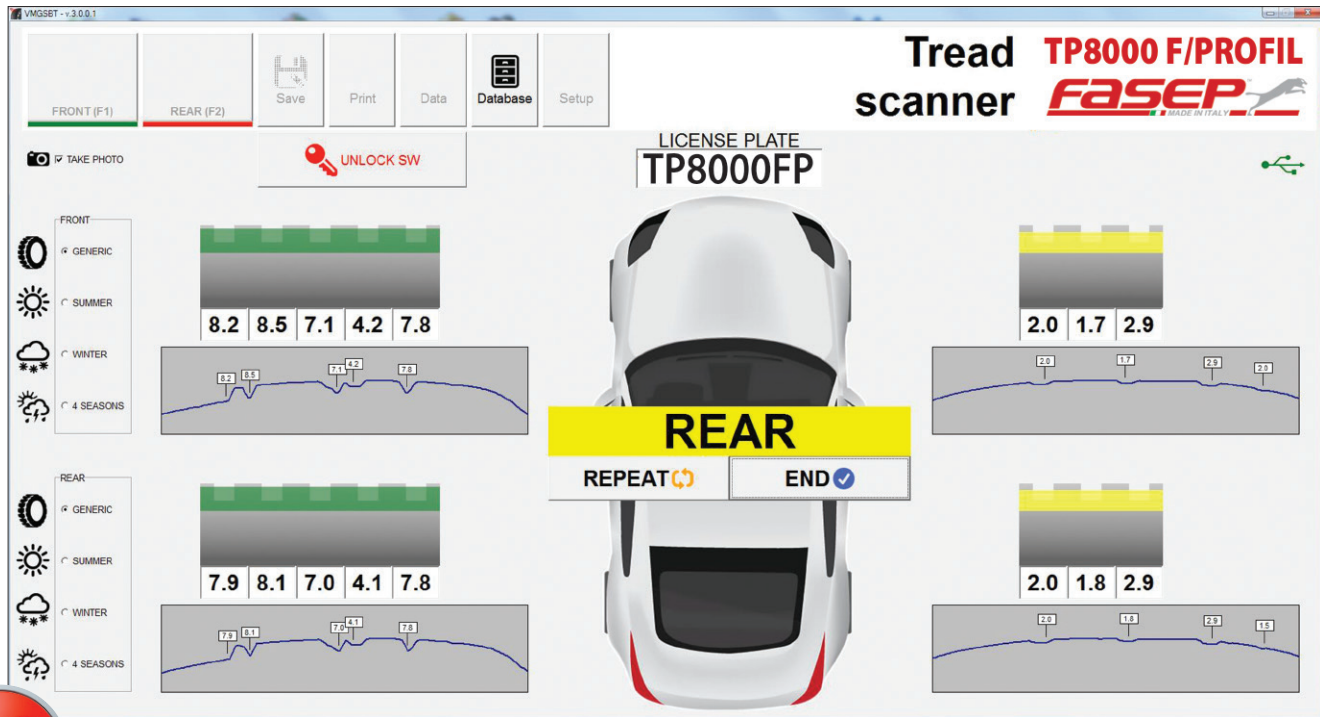
- USB connection
- Scanning the right front tire
- Tread depth in mm with colouring
- Tread reading graph with scanning of the entire tire
- Right rear tire

Photo of vehicle in prova, under test, during front and rear axle test (With IP CAM/RT9000 connected)

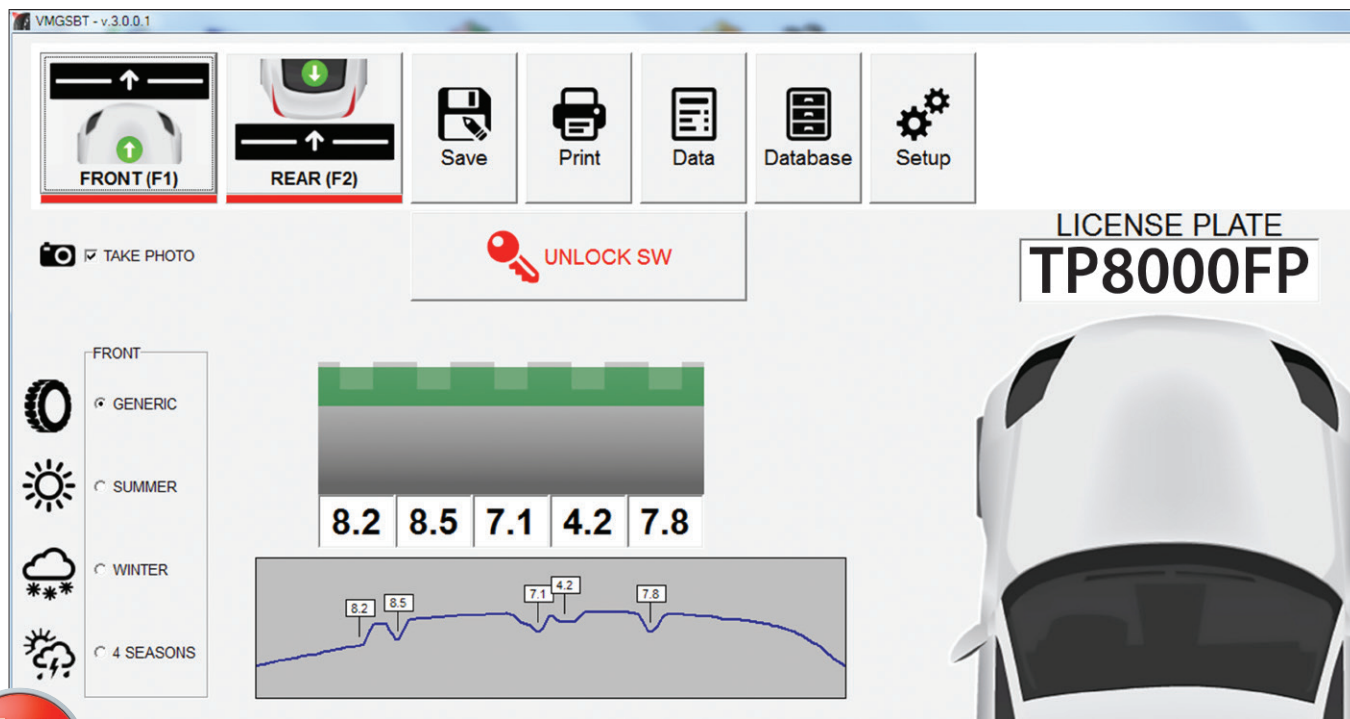
Number plate of the vehicle under test



TP 8000 F/PROFIL: the laser takes a reading of the tire and shows the depth of each individual channel across the entire surface of the tire

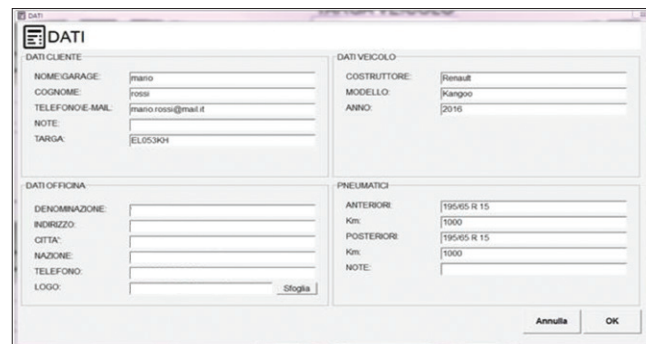


TP8000 F/PROFIL: example of reading



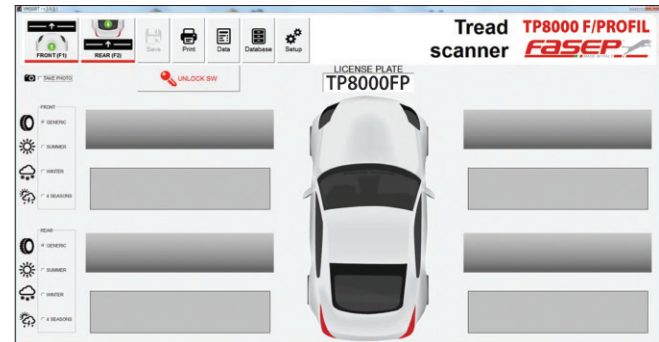
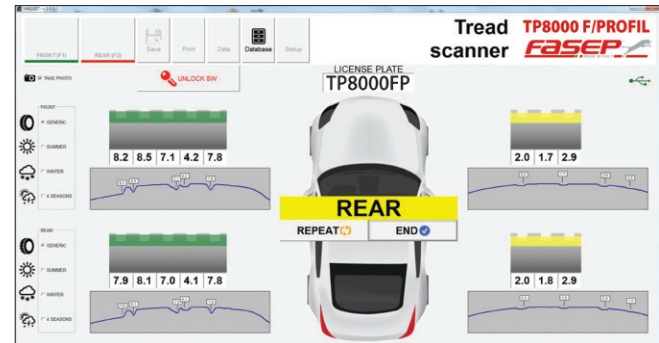
TP8000 F/PROFIL: Setup & Data

1. Minimum tread threshold with the exception of the legal minimum threshold = 1.6 mm or each type of tyre (generic, summer, winter, 4 season, nordic)
2. Automatic saving & printing
3. Graph (included/excluded)
4. Enables or disables vehicle photo with IP CAM or RT9000
5. Customer data - workshop - vehicle + dealer / customer logo
6. Tire size and model
7. Language
8. Basic operating settings and PC connection (Comm port)



TP8000 F/PROFIL: Test results

1. Tire tread depth with values for each channel/whisker of the entire tire
2. Results with different colours:
green=OK,
yellow=CAREFUL,
red=REPLACEMENT REQUIRED
both on screen and on the print report
3. Digital and/or paper format
4. Optional: IP CAM or RT9000 camera to take pictures and link the test to a specific vehicle
(*number plate recognition available on request in some countries)
5. Enter and link the plate number to the test and the print report

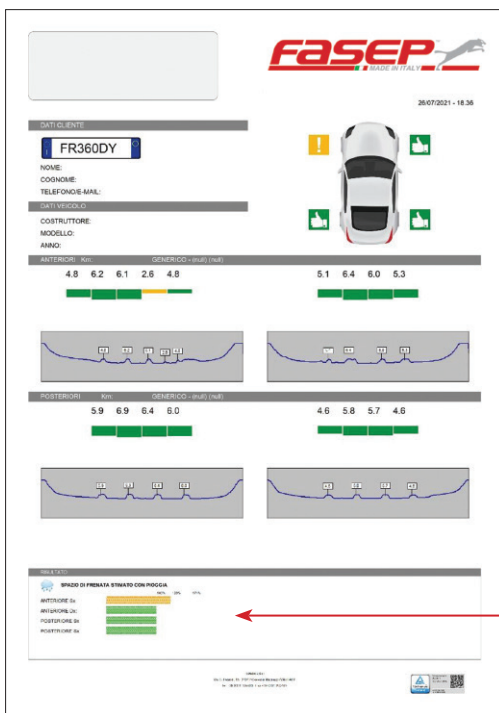


TP8000 F/PROFIL: Print Report /01

Company data
(dealer/workshop)

Number plate,
customer
and vehicle data

Full report
of all tire tread
scanning



Company logo
(your logo)

Graphical explanation
of results (quick report)

Explanation of the problem
that bad tread wear can cause
to vehicle safety with an estimated
increase in the distance needed
to stop the vehicle

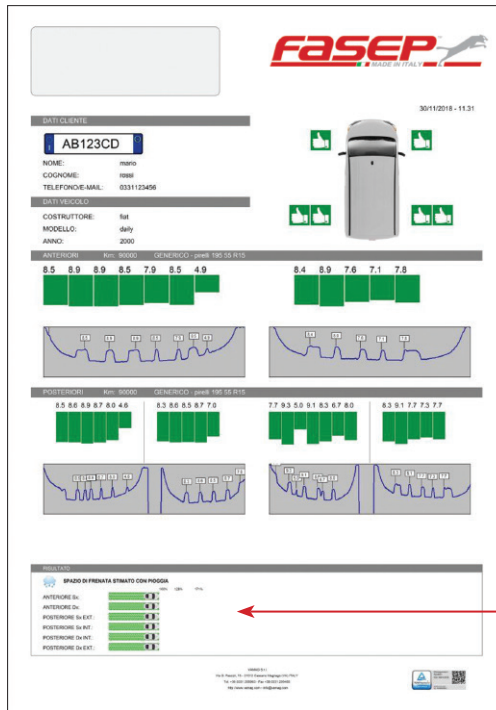


TP8000 F/PROFIL: Print Report /02

Company data
(dealer/workshop)

Number plate,
customer
and vehicle data

Full report
of all tire tread
scanning
**INCLUDING
TWIN REAR
AXLE**



Company logo
(your logo)

Graphical explanation
of results (quick report)

Explanation of the problem
that bad tread wear can cause
to vehicle safety with an estimated
increase in the distance needed
to stop the vehicle



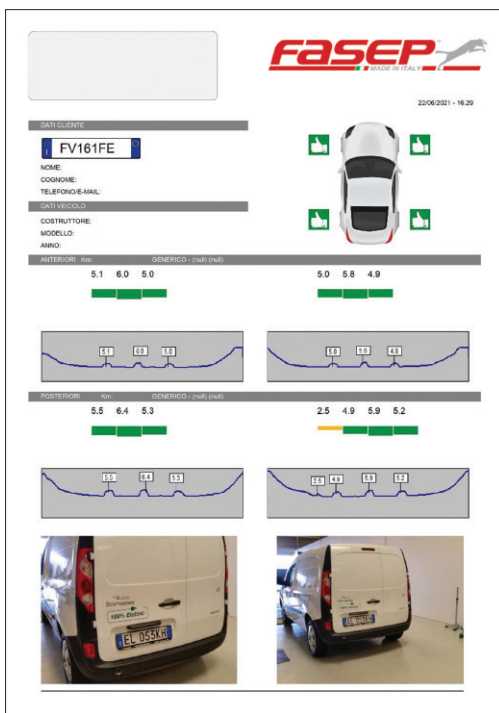
TP8000 F/PROFIL: Print Report /03 (with photo)

Company data
(dealer/workshop)

Number plate,
customer
and vehicle data

Full report
of all tire tread
scanning

Photo of the vehicle under
test (front and rear axle
with automatic photo
taking during the test)



Company logo
(your logo)

Graphical explanation
of results (quick report)

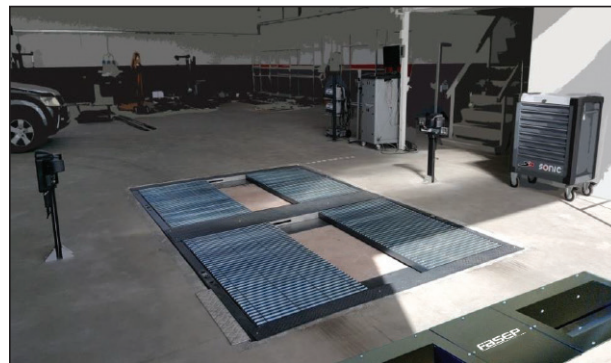


TP8000 F/PROFIL: Multiple installation possibilities

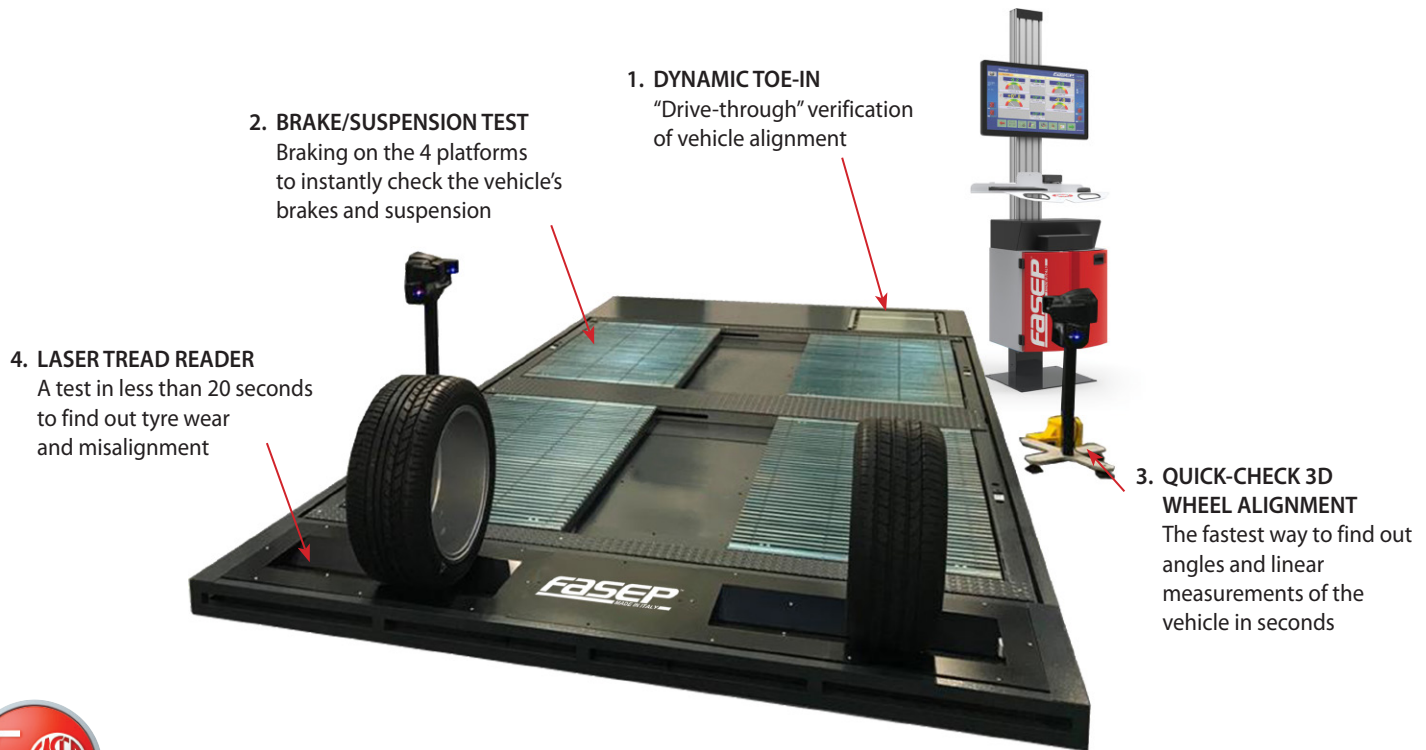
STAND-ALONE **floor mounting**



STAND-ALONE **flush mounting**



TP8000 F/PROFIL: combined with: platform brake and suspension test/ ND quick-check/dynamic toe-in

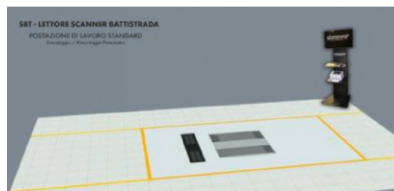


TP8000 F/PROFIL: Installation in different working areas

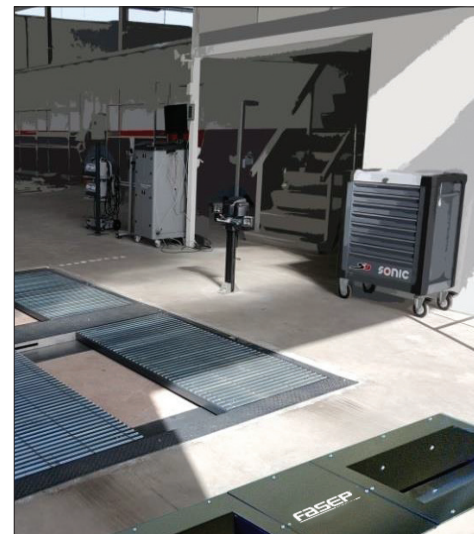
**In front of the lifter for alignment
(with ramps or flush)**



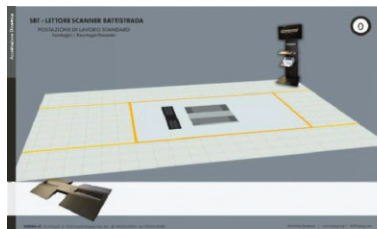
**In front of the lifter for tire change
(to check the tires before and after)**



**At the entrance to the shop/workshop
(dynamic acceptance)**

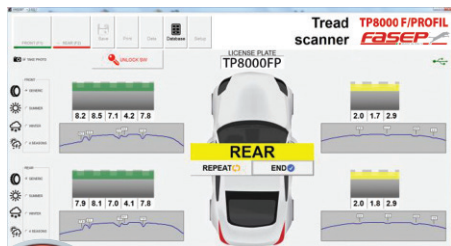


TP8000 F/PROFIL: Example of a work cycle



TP8000 F/PROFIL: Optional

IP-CAM: IP camera connected to the software. Take a photo of the vehicle under test to link the test to that specific vehicle.
100% automatic.



TTM: TOTEM CONSOLE
including universal monitor stand,
keyboard shelves, mouse and printer.



TABLET
Tablet IP65. 128Gb SSD, HDMI.
Windows 10 OS, battery.
3G/4G -Wi-Fi -Bluetooth.
Including charging station.



TP8000 F/PROFIL:

Technical features

Dimensions	2.500 x 500 x 124 mm
Laser Category	Laser Class 2
Diagnosis	Tread depth, alignment
Type of measurement	2D laser triangulation
Minimum/maximum track width	700 / 2.300 mm
Maximum wheel width	800 mm
Measurement accuracy	0,1 mm
Repeatability	0,3 mm
Work cycle	Automatic presence sensor/remote control. Reading time <5 sec/axis
Maximum load/axle	3.000 Kg
Electrical protection	IP65
Operating range (°C)	0-50°C
Data shown	2D tread pattern with depth values
PC	Windows 10 OK
Power supply	115/230 V , 50-60 Hz, 1PH
Interface	Windows 10 -FULL HD -PC / laptop / tablet (min. resolution 1920x1080)
Data availability	User with backup + customer
Annual calibration	On request



