

Cita Second Regional Meeting For Africa
February 27-28, 2013 _ Johannesburg



Mobile Stations for Periodical Technical Inspection (PTI)

Garage Equipment & Technical Inspection

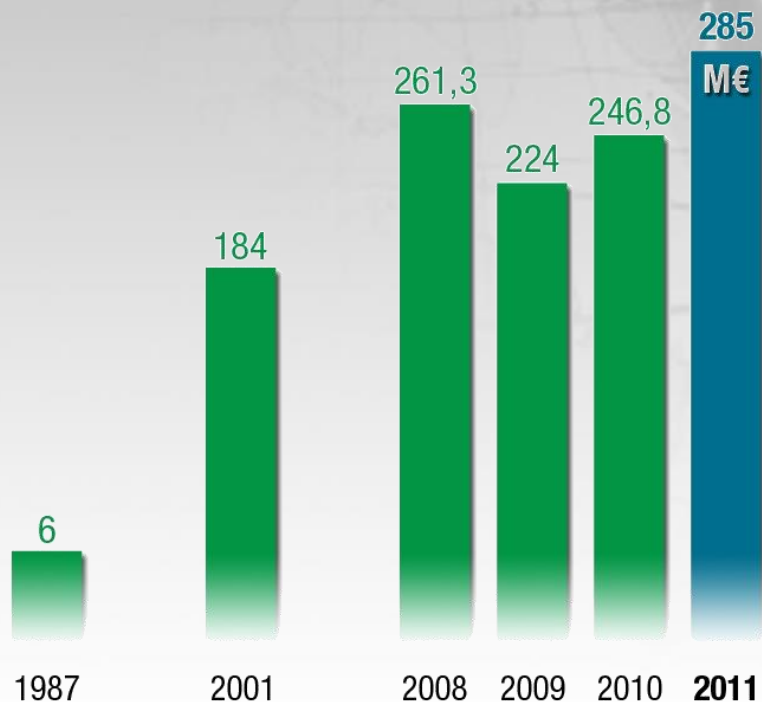
Jean-Christophe HAMARD
Area Manager
Actia Muller

ACTIA® Group : Key figures



2,802 staff over the world

2012 turnover : € 300 million



ACTIA® Group : Strenght



***Innovation at the core of all our projects.
15% of annual turnover invested in R&D***

500 engineers into development departments

***Specialist in Power Management, Telematics,
Tachographs, Video Surveillance, Instrumentation,
Electronic Board, Management Fleet, Electronic
Diagnostics***

ACTIA MULLER



A subsidiary of Actia group

2012 turnover : € 30 million

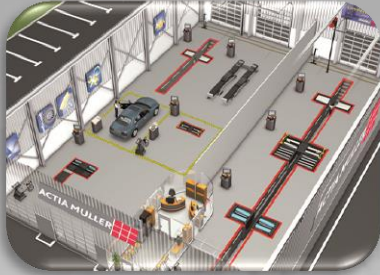
150 employees

A worldwide network of 34 distributors

- 35,000 Customers & Partners
- 400 test lanes in Asia
- 180 test lanes in South America
- 6,000 test lanes in Europe
- 350 test lanes in Africa
- 130 mobile stations



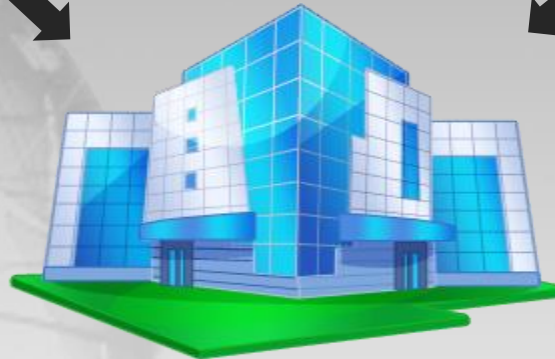
The ACTIA MULLER Galaxy



Global offer



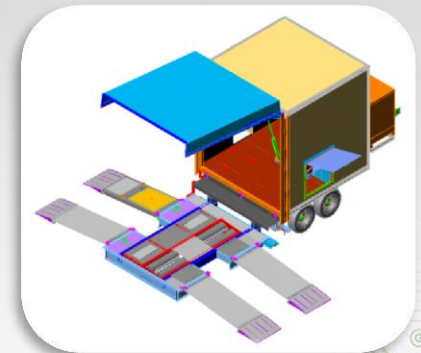
VIMS



Customer



PTI Factory



Mobile stations

WHY MOBILE STATION FOR PTI (Periodical Technical Inspection) ?

The key point for customer satisfaction and social acceptance of vehicle inspection is to take into account the spread out of the population on a territory



Archipelago



Desert



Huge size countries

ACTIA MULLER Mobile Motor Vehicle Inspection Station Range



Light Mobile Unit



Choose certainty.
Add value.

73 Mobile units delivered to TUV TURK



TURKEY PROJECT



73 mobile stations



WHY MOBILE STATION FOR PTI (Periodical Technical Inspection) ?

- Avoid congestion due to a peak of activity and/or breakdown on a lane



- To determine the best place for a fixed lane



WHY MOBILE STATION FOR PTI (Periodical Technical Inspection) ?

Mobile station is a key hand solution which should be an alternative to hard conditions for :



Building



Construction



Erosion of the grounds



Material Survey



Sub – contractors
Survey



Budget control &
deadlines

WHY MOBILE STATION FOR PTI (Periodical Technical Inspection) ?



Suitable for road safety campaign, road enforcement & control of existing lanes



WHY MOBILE STATION FOR PTI (Periodical Technical Inspection) ?

Inter connectivity & Real-time Management



- From a central database, you can have access to car information: VIN, plate number, first date registration, brand, type....
- Inspector: Name, time of starting and ending of the test; only his manager can give authorization to retest the car
- Report: Automatically printed => Limit falsifications
- Statistics: all the inspections are saved with all the information regarding results of inspection => Updated car park situation

=> Insurance? Fines?

Key Points of Mobile Vehicle Inspection Stations

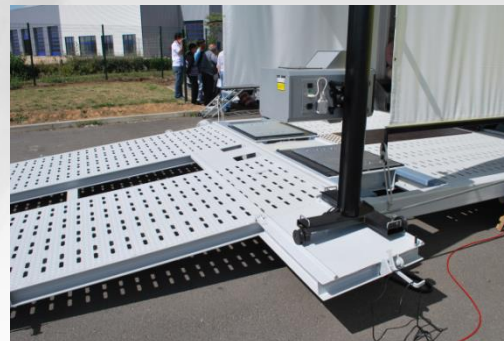


WHAT A FIXED LANE DOES, A MOBILE STATION DOES

Above and under carriage inspection



Emissions



Head Light tester



Sound Meter

Key Points of Mobile Vehicle Inspection Stations

WHAT A STATIONARY LANE DOES, A MOBILE STATION DOES

Side slip



Brakes



Suspension



Speedometer



Mobile Motor Vehicle Inspection Station, a customized and turn to key solution



**Energy : Generator and air compressor should be place outside for maintenance or inside the technical room
(Standard delivery or Local purchase)**



Complete electrical installation provided according local standards



Mobile Motor Vehicle Inspection Station, a customized and turn to key solution



- Fully automated
- Start up between 15 and 25 minutes regarding model
- One operator can start up any mobile model



WHY MOBILE STATION FOR PTI (Periodical Technical Inspection) ?



The success of PTI depends on 7 factors



Road safety campaigns



Stationary
centers equipped
with the state of
Art Equipment



Inter connectivity &
real time management



Driving schools



Road Enforcement



National coverage



And a little bit of civism

ACTIA MULLER Mobile Motor Vehicle Inspection Station Range



Choose certainty.
Add value.

Total weight < 5 Tons : could be trailed by any 4 x 4 or light commercial vehicle.



ACTIA MULLER Mobile Motor Vehicle Inspection Station Range



Medium Size Mobile Unit

**Medium size unit can be only used for passenger cars & light commercial or
only for trucks,**

Or for both as a mixed LV – LCV – HGV Mobile inspection unit



ACTIA MULLER Mobile Motor Vehicle Inspection Station Range



Large Size Mobile Unit



First mobile unit for Saudi Arabia (July 2010)

ACTIA MULLER Mobile Motor Vehicle Inspection Station Range














Large Size Mobile Unit



First mobile unit for Saudi Arabia (July 2010)



SOME ACHIEVEMENTS & REFERENCES

COUNTRIES	TRAILER MODEL	INSPECTION STAGES	PHOTOS
<p>CUBA</p>  <p>2 units</p>	<p>SIMPLE RAMP FICAV</p>	<p>BRAKES SIDE SLIP SUSPENSION AXLE PLAY DETECTORS</p>	
<p>GREECE</p>  <p>1 unit</p>	<p>DOUBLE RAMP + SCISSOR LIFT FOR VISUAL INSPECTION</p> 	<p>BRAKES SIDE SLIP SUSPENSION AXLE PLAY DETECTORS</p>	
<p>MALAYSIA 1 units</p> 	<p>DOUBLE RAMP</p> 	<p>BRAKES SIDE SLIP AXLE PLAY DETECTORS</p>	
<p>MALAYSIA 2 units</p> 	<p>DOUBLE RAMP</p> 	<p>Mix LV & H.G.V BRAKES LV SUSPENSION LV SPEEDOMETER SIDE SLIP AXLE PLAY DETECTORS EMISSION TESTER HEAD LIGHT</p>	

SOME ACHIEVEMENTS & REFERENCES

ALGERIA 2 units 	One for: 	Mix LV & H.G.V BRAKES LV SUSPENSION LV SIDE SLIP AXLE PLAY DETECTORS EMISSION TESTER HEAD LIGHT	
ALGERIA 1 unit 	DOUBLE RAMP + SCISSOR LIFT FOR VISUAL INSPECTION 	Mix LV & H.G.V BRAKES LV SUSPENSION LV SIDE SLIP AXLE PLAY DETECTORS EMISSION TESTER HEAD LIGHT	
MOROCCO 3 units 	ROAD DIRECTION 	Mix LV & H.G.V BRAKES LV SUSPENSION LV SIDE SLIP AXLE PLAY DETECTORS EMISSION TESTER HEAD LIGHT	
 TURKEY 73 units	SINGLE RAMP 	LV BRAKES AXLE PLAY DETECTORS EMISSION HEAD LIGHT	
PORTUGAL  2 units	1 mobile station SINGLE RAMP	BRAKES SUSPENSION SIDE SLIP AXLE PLAY DETECTORS	

SOME ACHIEVEMENTS & REFERENCES

<p>SPAIN</p>  <p>1 unit</p>	<p>1 mobile station DOUBLE RAMP</p> 	<p>BRAKES SUSPENSION SIDE SLIP AXLE PLAY DETECTORS</p>	
<p>HONGRIA</p> <p>2 units</p> 	<p>2 mobile station DOUBLE RAMPE</p>	<p>BRAKES SIDE SLIP</p>	
<p>RUSSIA</p> <p>1 units</p> 	<p>1 mobile station SIMPLE RAMP</p>	<p>BRAKES SUSPENSION AXLE PLAY DETECTORS</p>	
<p>URUGUAY</p> <p>2 units</p> 	<p>MIDLE OF TRAILER: HG VLANE+ LV LANES BESIDE THE TRAILER</p> 	<p>2 X BRAKES 1X SUSPENSION AXLE PLAY DETECTORS SPEEDOMETER</p>	
<p>GABON</p>  <p>1 unit</p>	<p>1 mobile station SINGLE RAMP</p>	<p>BRAKES SUSPENSION AXLE PLAY DETECTORS EMISSION TESTER</p>	



SOME ACHIEVEMENTS & REFERENCES

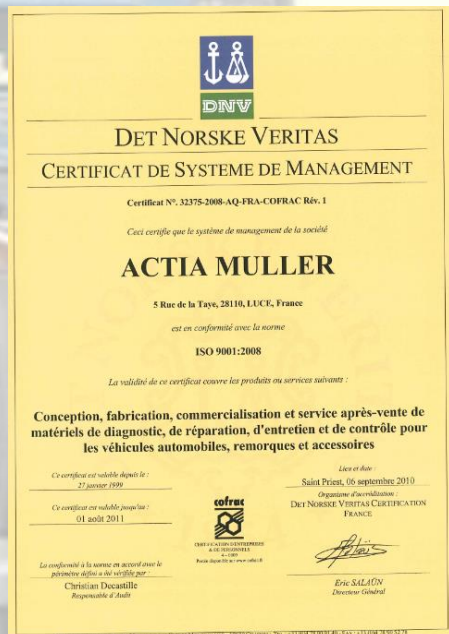
<p>RUSSIA 1 unit</p> 	<p>1 mobile station SINGLE RAMP</p>	<p>BRAKES SIDE SLIP EMISSION TESTER</p>	
<p>Saudi Arabia 1 unit</p> 	<p>1 mobile station SINGLE RAMP</p>	<p>SUSPENSION BRAKES 18T SIDE SLIP LIGHT TESTER LV SCISSOR LIFT EMISSION TESTER LIVE BASE 3 PERSONS</p>	
<p>Botswana 2 units</p> 	<p>Container SINGLE RAMP</p>	<p>SUSPENSION BRAKES SIDE SLIP LIGHT TESTER EMISSION TESTER</p>	
<p>Congo 4 units</p> 	<p>Ampli roll SINGLE RAMP</p>	<p>SUSPENSION BRAKES SIDE SLIP LIGHT TESTER EMISSION TESTER</p>	
<p>U.A.E. 1 unit</p> 	<p>SINGLE RAMP</p> 	<p>LV BRAKES AXLE PLAY DETECTORS EMISSION HEAD LIGHT</p>	



ACTIA MULLER Mobile Motor Vehicle Inspection Station Range



Equipment for Vehicle Inspection and Safety Provider:



Jean-Christophe HAMARD

Export Area Manager

Actia Muller

5 rue de la Taye - 28110 Lucé

Tel : +33 (0) 2 37 33 35 86

Mail : jean-christophe.hamard@actiamuller.com

