

**EQUIP AUTO**  
FROM TUESDAY 11 TO SATURDAY 15 OCTOBER  
PARIS NORD VILLEPINTE EXHIBITION CENTER • FRANCE **2011**



**PRESS RELEASE**  
October 11<sup>th</sup>, 2011

## **WINNERS OF THE EQUIP AUTO 2011 INTERNATIONAL GRANDS PRIX FOR AUTOMOTIVE INNOVATION**

**The Jury members for the EQUIP AUTO 2011 International Grands Prix for Automotive Innovation have awarded, on Tuesday 11 October, 8 Gold and Silver Trophies in each of four categories (OEM - Green Tech sector, After-market – Retrofit, Garage equipment, Services - Service stations). 4 special prizes have also been awarded during this event.**

The Trophies were awarded by an international panel of judges made up of 80 journalists from more than 20 countries. Their aim was to select and reward the most innovative concepts, products and services presented by EQUIP AUTO exhibitors.

For the first time, the 26 shortlisted products and services were exhibited on the Trends and Innovations Area at EQUIP AUTO.

The Special Prizes were awarded by French journalist's members of the European Technical Journalists Association (AJTE) and the French Motor Press Association (AFPA) for their "very favorite" innovations which were not entered in the Grands Prix.

*You can ask for pictures of the products to our press service or download it on <http://www.clccom.com/>*

## Category: OEM - Green Tech sector

### Gold Trophy

Manufacturer:

**INDUSTRIE SALERI Italo**

Selected product:

**Throttle controlled water pump**



In order to decrease the level of CO2 emissions the major contribution asked to water pumps in new generation engines is to reduce the warm-up phase.

Traditional water pumps, cooling down the engine when it is still cold, prolong the heat-up phase: Saleri's solution, enables to "block" the pump outlet, therefore allowing the engine to reach faster the working temperature. The EECU (Electronic Engine Control Unit) through electrical impulses manages a vacuum actuator that is connected to a regulation valve. A membrane inside the actuator moves attracting the arm linked to the throttle valve, which closes. In this situation the water pump, even if working, does not generate any flow rate (not needed when engine is cold). The device is "fail-safe": in case of failure the valve remains open, enabling the water pump to work ordinarily. In this way the advantages linked to the regulation are lost, but there is no risk of overheating the engine with the consequent possible damages. When the engine reaches the working temperature, the EECU stops providing the vacuum to the actuator, which opens the valve enabling the water pump to start cooling the circuit. Fitting a different actuator (not "on-off" but characterized by different positions), the device can provide a progressive inlet flow-rate and therefore a progressive cooling action, according to the needs of the engine..

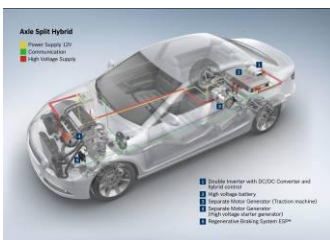
### Silver Trophy

Manufacturer:

**ROBERT BOSCH**

Selected product:

**HY4 Technology - Axle Split Hybrid**



First axle-split strong hybrid in series production. Minimizing the integration effort of realizing strong hybrid functionality by usage of compact, highly integrated components:

- Development of the electric rear axle drive: integration of the electric machine, differential gear and claw coupling in one compact component
- Development of the double inverter w/ DC/DC-converter:

Regulation and Control function of both electric high voltage drives in the design space of a single inverter

## Category: After-market – Retrofit

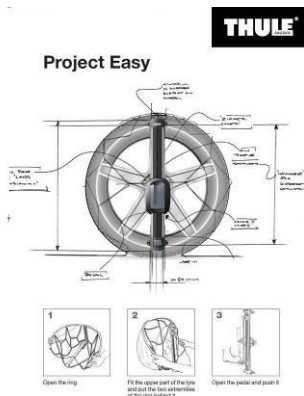
### Gold Trophy

Manufacturer:

**THULE**

Selected product:

**Easy-fit**



EasyT11 is the easiest to use and the most innovative snow chain, with automatic tightening system activated by FOOT.

EasyT11 combines the performances on snow and ice of the traditional snow chains with the ease of use offered by a new technology focused on consumer driven innovation.

The product features an intuitive fitting system with two and simplified operations required: in few seconds the chain is fitted on the tyre thanks to the inner rigid ring, then the user pushes with the foot on the integrated pedal; during the driving the chain gets tightened and centred automatically.

A particular care for product design makes the chain look appealing and in-style when mounted on the wheel. The aluminium-look of the central element gives an unique visual image improving the fusion between chain and alloy rims.

The image that we have sent is temporary. As soon as we have further material, we will send it.

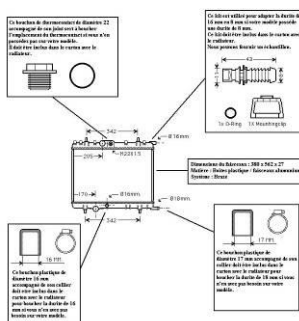
### Silver Trophy

Manufacturer:

**AVA-MORADIA**

Selected product:

**Universal Radiator for PSA**



This radiator allows an economy of space in the stock. To cover the complete range, it took 5.10meters in a stock. With this product it is only 0.15 meters. For a Peugeot 206, it exist 17 different models of radiators. This model covers 12 different models, so it's less risk of error during the identification of the right item.

The price of the PE2300 is at least 50 % of the price of the origin for the final customer.

Furthermore, it is rare that the distributor uses all the accessories contained in the kit. There are always some not used which can be sold with the other models of radiators, because they are standard parts..

## Category: Garage equipment

### Gold Trophy

Manufacturer:

**FEBI**

Selected product:

**Joint play tester for front & rear axles**



Technical benefits:

- Front and rear axles can be tested with the vehicle under load
  - All driving situations can be simulated (driving away, braking, cornering)
  - No lifting platform is required
  - Manual activation for troubleshooting without interference from ambient noise
- 
- The tester is maintenance-free and does not require power or compressed air
  - The clamp can be used to test rim diameters of up to 20 inches
  - Suitable for vehicles up to 3.5 tons

### Silver Trophy

Manufacturer:

**OMIA**

Selected product:

**Spray booth LUXIA**



New generation of Luxia spray booths offering to their users new advantages thanks to its new process (see innovative characteristics of the products above) :

- Productivity savings + 15 min. per vehicle.
  - Reduction of presence time in booth -22%.
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- Savings on repair costs 2,54€ that is a 35% economy. Increase of the daily potential in booth with Energeco Process: maxi +1,55 vehicle/day, mini + 1 vehicle/day. Increase of the repairer's turnover, directly linked to the potential increase of the vehicles per day in booth. For example, theoretical average cost of a repair/collision invoice = 1000€ all taxes included x 230 working days = 230000€. According to this assessment, the increase potential of the Bodyshop, depending on its business area, could allow the repairer to hire an extra employee.

For ex.: for a 5 productive bodyshop, theoretical ratio of productivity vehicle/productive/day is 0,8, that means 4 times in booth, on 60 min. base = 2400€ annual savings, thanks to the process, for an occupation ratio of 4 hours/fay.

New design of the booth, more ergonomic and modern.

## Category: Services - Service stations

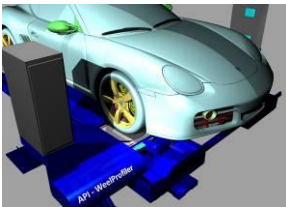
### Gold Trophy

Manufacturer:

**API-AUTOMOTIVE PROCESS Institute**

Selected product:

**API Wheelprofiler and Wheelalignment Robot**



Robotization of vehicle diagnosis

- Preventive wheel alignment control (75% of the cars on the road do suffer from wheel alignment problems)
- Remaining tyre life expectancy analysis

Our INVESTMENT FREE service provides more safety to the driver and brings more revenue to the workshop

### Silver Trophy

Manufacturer:

**AUDACON**

Selected product:

**AuDaConVRC**

**AuDaCon**

Nouvel Accord | Rechercher un Accord | Historique des opérations | Déconnexion

Rechercher un véhicule

Immatriculation

600BCC69

Kilométrage

248000

Valider

Détails du véhicule

Constructeur : RENAULT	Registration Date : 25/03/2008
Modèle : MASTER	Contract Start Date : 16/04/2008
VIN : VF1FDB1H639696311	Contract End Date : 15/04/2012
Type : VU	Contract Period : 48 mois
Standard EDI No : 31197211	Contract Distance Total : 80000 km
TypeID : 52082	

Description complémentaire :  
RENAULT MASTER CONFORT L2H2 3T3 2.5DCI 120 E4 VU [4P] bvm6-120CH-8cv (fourgon tôlé -)

Modifier le type du véhicule : jusqu'à 2007/06

AuDaConVRC (Vehicle Running Costs) is an innovative system solution which combines technical data and information with intelligent functionalities for the automotive industry.

The expertise of automotive technicians was analysed, organised into elementary operations, unitary and hierarchical, and then restructured, following data-base standards and intelligent algorithms.

With only 2 parameters, a vehicle's registration number reference - available for example for the French market - and the mileage it is possible to

generate a comprehensive package of relevant service and maintenance data and information. This is done fully-automated without any human interference. Data and information include all required work, spare parts, fluids, pricing and labour times. Hence enabling the user to create quotations, invoices or verifications solely based on manufacturer guidelines;

This technology will support the professional automotive repairer with competent technical data and detailed service information, as well as the driver who wishes for transparency to learn more about the service and maintenance costs of his vehicle. AuDaConVRC is smart enough, where a license number reference is not available, to offer the same qualified services by utilising a vehicle's VIN, its age and mileage.

## **SPECIAL JURY PRIZES**

Awarded by journalists from the French Automobile Press Association (AFPA) and the European Technical Journalists Association (AJTE)

Manufacturer: **DELPHI**  
Selected product: **Racam, an integrated radar and camera system**

RACam is a single integrated sensor module that combines an electronically scanning radar (ESR) for frontal detection with a camera for lateral detection and a technology that merges the data from the two sources. The result is a broader application of active safety technologies and lower installation and repair costs in the event of a frontal impact.

Manufacturer: **FACOM**  
Selected product: **E506 controlled tightening adaptor**

The E506 adaptor has been designed for electronic precision tightening. It fits easily on to all conventional tooling (typically ratchets or spanners), between the tool and the work piece. A pushbutton is used to set the required tightness. LED and sound signals indicate that the right level of torque has been reached, enabling controlled tightness even in areas with difficult access. Nine preset values are available, and fifty additional values can be memorized.

Manufacturer: **VALLET Distribution**  
Selected product: **Express Pro rolling workshop**

The Express Pro rolling workshop has been designed for optimal manoeuvrability with tubular handle, 4 pivoting casters, two with fitted brakes, 360° pivoting to facilitate access to tools, upper part mounted on ball bearings to pivot around a central axis via a spring-mounted pedal, large storage capacity, with two drawers supporting a load of 40kg per drawer, two tubular wheel support arms for tyre change, 2 air outlets for pneumatic tool connection, removable fluid recovery tray on the top of the workshop for optimal cleanliness. Dimensions: 650x645x920 mm. Weight: 96 kg.

Manufacturer: **WASHTEC**  
Selected product: **Acqua X2 carwash station**

A major upgrade of its Acqua X system, the Acqua X2 carwash station has been designed to deliver two main benefits, maximizing wastewater recovery and generating energy savings. The solution uses electronic pump control and setting. The principle is simple: through a smart interface connected to the washing gantry, the system recognises the quantity of water that needs cleaning and adapts the pump efficiency of the filtering unit accordingly. The result is a near-100% rate of wastewater recovery and a 75% reduction of power consumption.

### **About EQUIP AUTO**

*The international trade show of all equipment for all vehicles, EQUIP AUTO is now one of the key B2B events bringing together manufacturers, distributors and repairers seeking new products, services and partners. The exhibition is organized by Comexposium and its shareholder-partners, the Fédération des Industries des Équipements pour Véhicules (FIEV – French vehicle equipment industries association) and the Fédération Française de la Carrosserie (FFC – French bodywork association). In 2011, the show expects some 96,000 visitors (30% international) and 1,800 exhibitors from all sectors (75% from abroad).*

International Press Relations and Partnerships

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