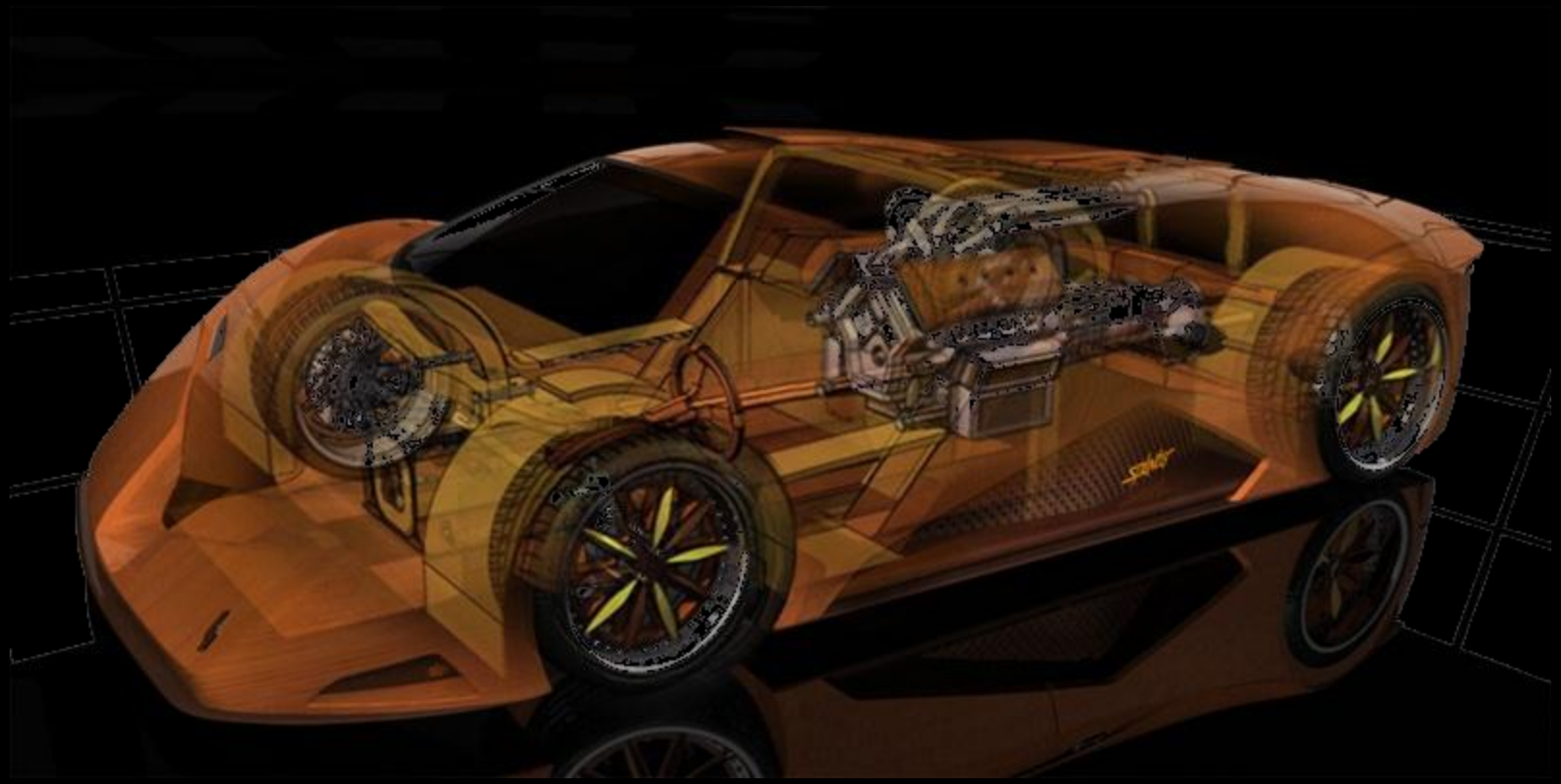
August 2012 Edition

DAuto News Letter



Design engineers turn designs into reality. Without them, a great idea but nothing more than, well, a great idea.

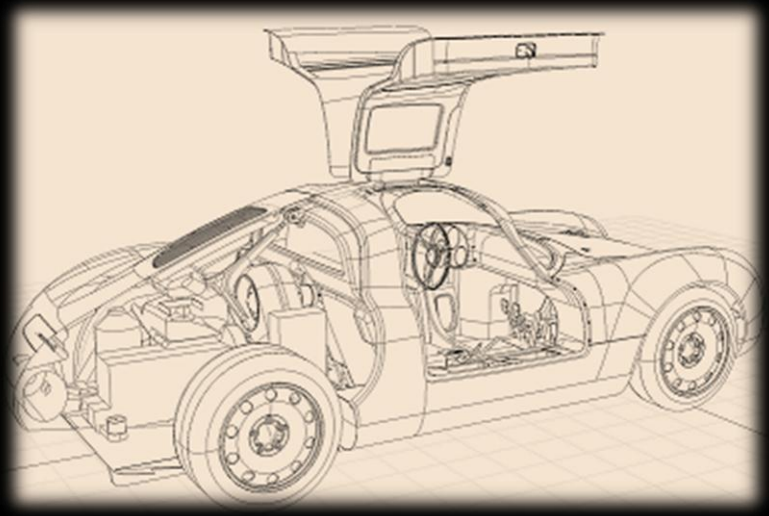
Vintech P550 Tribute preview

At the Pebble Beach Concours d'Elegance this weekend, French company Vintech will present the P550 Tribute, a handbuilt sportscar that pays homage to the Porsche 550.

According to the first information, the P550 Tribute will be based on a carbon-fiber monocoque and will be powered by a 3.0-liter four-cylinder boxer unit, delivering approximately 270 hp and coupled with a six speed manual gearbox.

Vintech P550 Tribute preview

Differently from the historic Porsche 550, the body has a closed layout, with gullwing doors. The weight is expected to be limited below 1,000 kg.



The car has presented at "The Quail Motorsport" in Carmel, CA, on August 17th, 2012.
Vintech is part of the D3 Group, which includes companies specialized in design, 3D modeling, color & material, engineering, production, physical modeling and prototyping.

The goal of the project is to pay "tribute" to the 1953 Porsche 550 through a coherent stylistic reinterpretation, using modern technology and high quality materials.

Audi to introduce the digital rear-view mirror

Audi has announced that the rear-view camera/monitor system featured on the R18 e-tron Le Mans racing cars will be adopted for the upcoming Audi R8 e-tron limited series model.

The R8 e-tron – like the R18 e-tron, winners of the 2012 24 Hours of Le Mans – has no rear window and hence no conventional rear-view mirror.

This is replaced by a camera/monitor system that features a small, ultra-lightweight camera and a control unit producing high-contrast, brilliant images displayed on a 7.7-inch AMOLED screen

The organic materials used in the display are self-illuminating at a low voltage – so they do not require backlighting.

Here you go more with Audi….

The new AMOLED displays are more energy-efficient, thinner, and lighter than conventional LCD monitors. Switching times are just a few milliseconds irrespective of the ambient temperature.

The camera is located in an aerodynamically optimized housing which is heated in cold temperatures. It uses a lens with a diameter of just a few millimeters and covers a much larger field of vision than a conventional rear-view mirror.

The digital image data from the camera are displayed on a 7.7-inch AMOLED (Active Matrix Organic Light Emitting Diode) display developed by Samsung, and mounted in place of the conventional rear-view mirror.

The driver can dim or deactivate the display at any time. Audi is also working on incorporating additional information on the monitor in future.

Daniel Simon shows of the Hydra Schmidt Coupé

Powered by 16 cylinder aircraft engine, the Hydra Schmidt Coupé driven by Red Skull in Captain America is one of the most iconic movie vehicles of the latest years, with its rétro-futuristic look, the over-the-top length, the streamlined silhouette and the rear twin axle.

Daniel Simon shows of the Hydra Schmidt Coupé

Conceived as the fastest road car of its time, the Hydra Coupé is over 25 feet long and mixes design influences from the Mercedes 540K, the G4 Off roader as well as styling cues from Bentley and Duesenberg. In addition to the CGI version,

a physical prototype was built using a truck chassis, truck wheels and a Ford V8 dragster engine.

characterized by a high quality, modern surface treatment, with clean lines and elegant proportions, which are in this case mixed with classic details and technology and a number of elements that indicate its military use, such as the toolboxes and body enforcements.

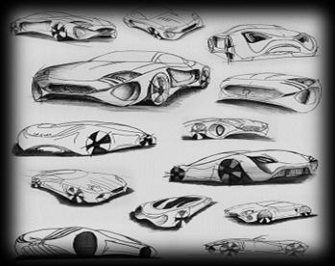
Xtreme KinematiX

The Xtreme Kinematix concept is a new generation electric roadster, aimed at pushing both performance and power efficiency to a new level. This concept tries to revive the glorious design lines of the brand, combining fresh solutions, a unique, new aerodynamics, tailored around the electrical elements of the power system as well as cutting-edge energy feedback.

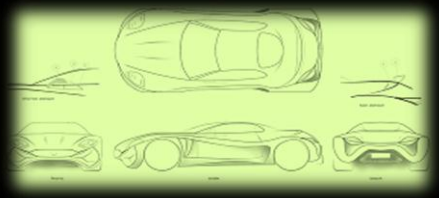
Inspired by the e-type from50 years ago.

One of the main challenges during the concept drafting was avoiding the heaviness associated with many of today's muscle cars.

Xtreme KinematiX



Sketches

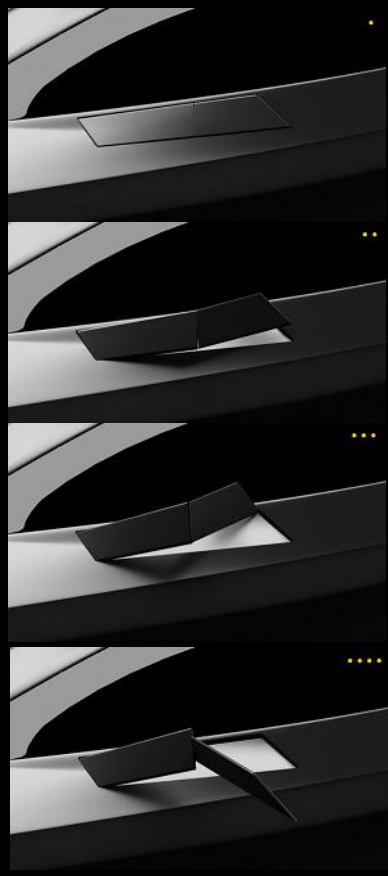


Plans

Clays

Mirrors

At about 1cm thickness, the mirrors perfectly fit the shallow hatch made in the door piece when the car is stopped and they unfold again in working position when it's turned on. This adds to both the aesthetics, and protects the side mirrors from any damages when parked.



Hiriko folding citycar concept

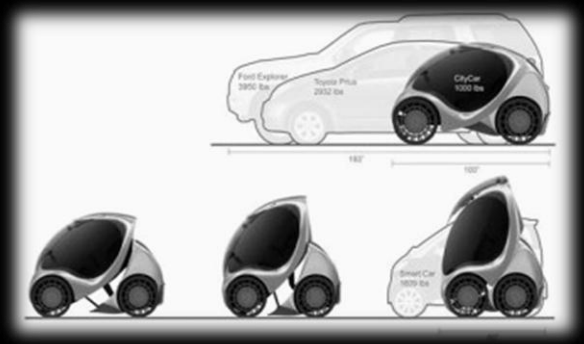
Hiriko is a two-seater electric car with a folding body developed by a consortium including MIT's Changing Places Group. The vehicle is currently in the prototype testing stage and could reach the market next year.

The Hiriko project builds on the Citycar project started several years ago by MIT Media Lab.

The concept is now being developed into an industrial project by a consortium that includes MIT's Changing Places Group and Spanish AFYPAIDA and DENOKINN, with the support of the Spanish Ministry for Science and Innovation

Hiriko folding citycar concept

The most distinctive feature is the folding layout: the vehicle has a hinged body and its length can vary from 2,438mm in standard configuration to just 1,524mm in parking configuration.

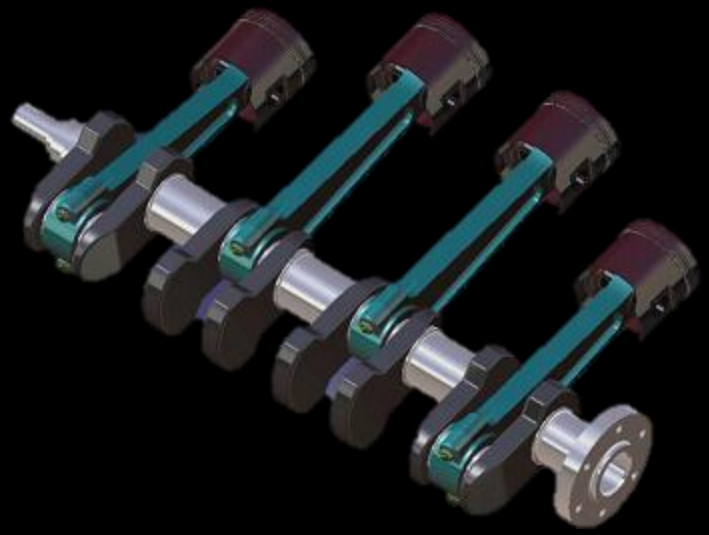


Among the other technical highlights are the so called Wheel Robots – each wheel assembly integrates an electric motor, suspension, braking and steering functions, which makes the Hiriko a zero turning radius vehicle.

The range of the fully-electric car is up to 75 km, enough for most urban commuters.

Student's Corner

News from DAuto Family

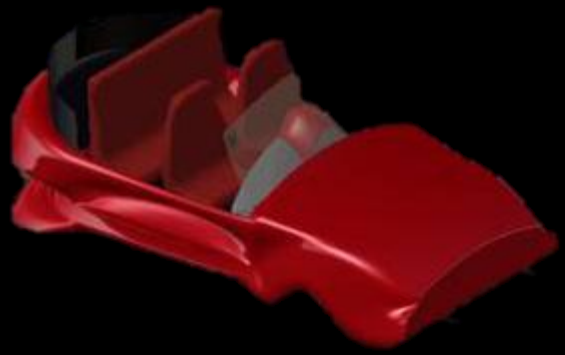


This contrive has been prepared and envisioned by Mayank Kochhar one of the DAuto CAD School student during the period of Software Training on CATIA V5.

News from DAuto Family

Industrial Visit :

Grab the opportunity to get reserve your seat for Industrial Visit, that too free of cost.
Those who have chosen Engineering for making their career or those who are planning for, may contact.
Also special visits for professional is available to get acquaintance.



Design on CATIA V5

For more info.

9752006008/ 9981500100
E-mail us at: training@dauto.co.in

Thank You ! !

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