


Stretching The Limits
The Hatric Concept



 valmet automotive


HATRIC

Creating a New Solution

Valmet Automotive is an independent contract manufacturer of high quality specialty cars for the global market. We have our focus on body and interior solutions, development of convertibles with their top systems and body structures, and on total concepts for the niche vehicles.

Open vehicles are a natural area of knowledge for Valmet Automotive. Our aim is to recognize the future customer needs and create technical solutions to meet these needs. The technical solutions are first materialized in the form of concept cars that we design and build from the ground up. The same solutions can easily be adapted to the customer's needs for new serial niche vehicles.

Isatis
1996



Boreal RHT
1997



CRV
1998



Zerone
1999



Raceabout
2000



The innovative idea



Styling



Packaging



3D-modelling

Hatric RHT



Clay modelling



Prototyping



Building the concept car

Spacious, Practical and Robust

The Valmet Automotive Hatric Concept Car is a coupe-like full 4-seater with a retractable metal roof and a spacious and practical luggage compartment. Due to robust, reliable and innovative solutions, both good rear seat space and a spacious luggage compartment are now combined in the same retractable hard top vehicle. The car provides generous space for two adults both in the front and back and thus offers excellent travelling comfort.

Thanks to a smart roof folding method, the luggage compartment has a practical shape and can be loaded/unloaded from a natural angle even with the roof stowed. When the top is up, the roof stowage space can be used for luggage due to foldable panels. The user of the vehicle can easily vary the volume and shape of the luggage compartment between three different settings.

The fully trimmed luggage compartment is equipped with a sliding floor to further improve the ease of use. Long items, such as skis, can be loaded through a load hatch in the centre of the back seat. As an additional safety factor, there is no contact between the luggage items and the folded roof mechanism.



Good space for four



The versatile luggage compartment



The sliding floor



The Innovative Retractable Hard Top

The three-panel retractable metal roof with a simple mechanism and a fully automatic swift operation. Reliable and robust.



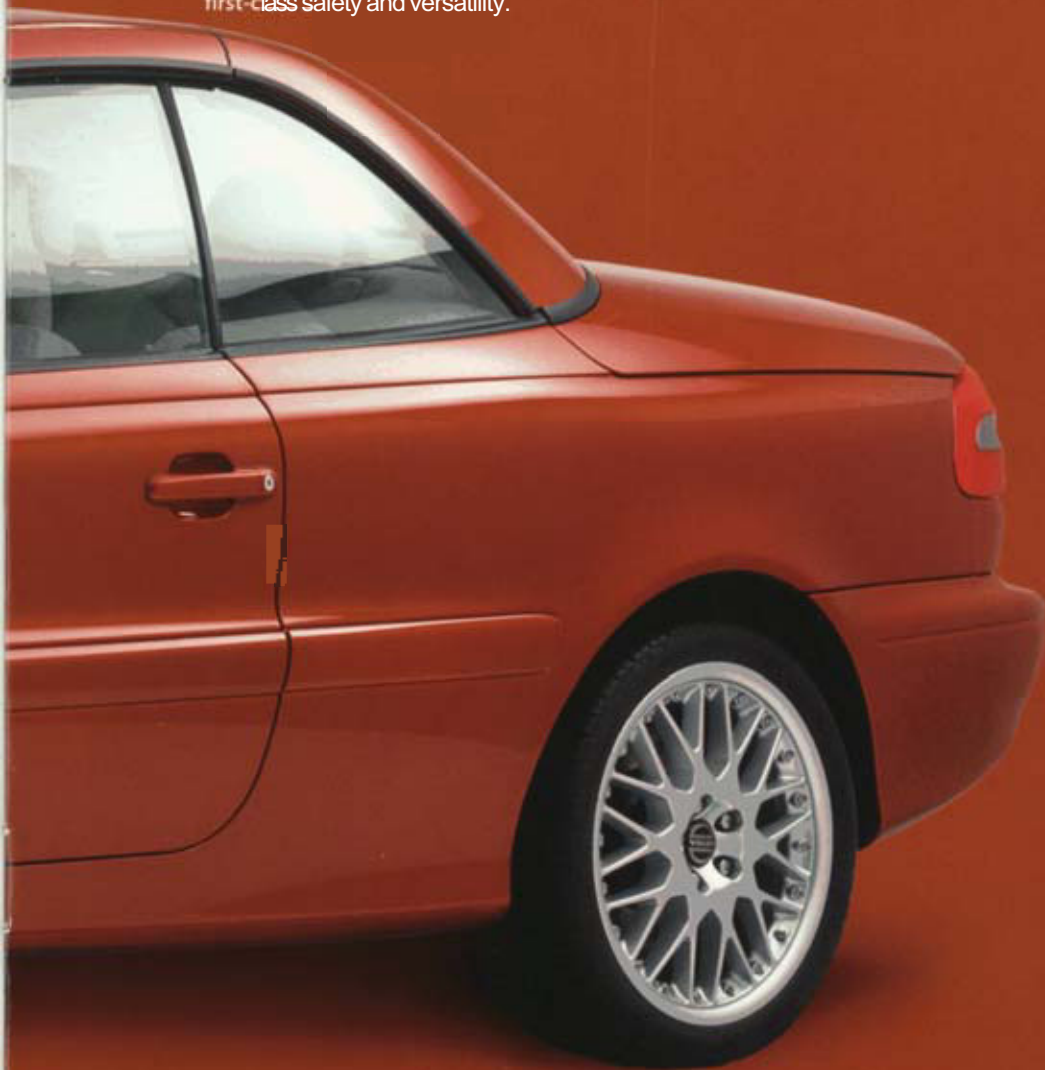


Safe and Easy to Use



The Valmet Automotive Hatric Concept Car meets the high safety and easy-to-use requirements demanded by today's customers. The roof can be operated from the dash-mounted switch, driver door lock or the remote control. The smooth electro-hydraulic actuation system represents the latest developments in motion control. The obstacle detection systems at the windshield frame and the tonneau cover enhance the safety aspects of the vehicle. The graphic operator interface spells additional user-friendliness for the customer.

On the Hatric concept, a cross member can be located in the back of the car to ensure the torsional rigidity of the body. Rear visibility is excellent due to slim C-pillars. All the advantages combined, The Hatric Concept Car provides first-class safety and versatility.



The graphic operator interface

Roof control:
The dash-mounted switch
The driver door lock
The remote control



The obstacle detection system at the tonneau cover



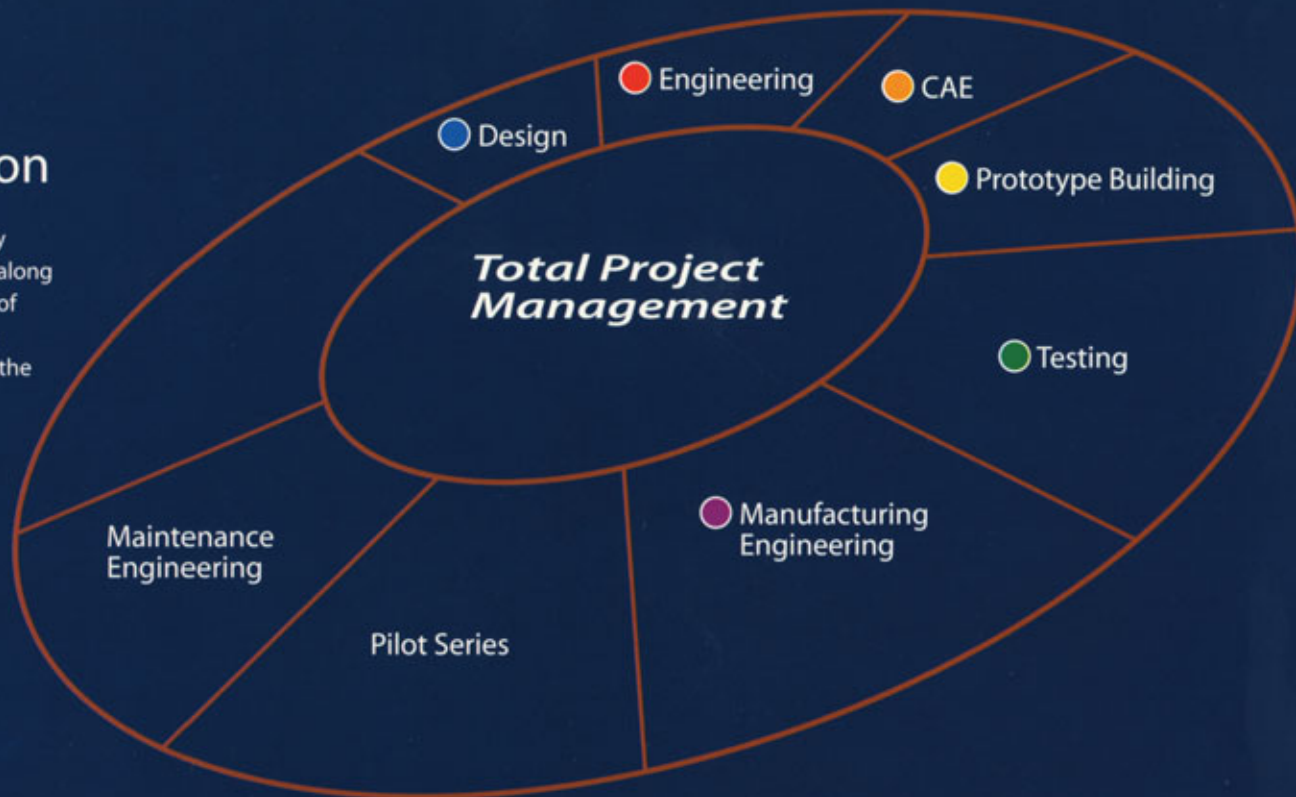
The obstacle detection system at the windshield frame



The cross member

From Concept to Production

We offer turn-key service focused on bringing high-quality specialty models on the market fast. Our experienced staff along with our IT systems and tools ensure the effective control of projects. In partnership with an independent engineering company, we can handle new specialty model projects all the way from concept to production and delivery.



Design

Engineering

CAE

Prototype Building

Testing

Manufacturing Engineering

Valmet Automotive

Founded in 1968, Valmet Automotive is located in the coastal location of Uusikaupunki in Finland. The manufacturing facilities consist of a body shop, a paint shop and a final assembly. The models currently in production are the Saab 9-3 Convertible, the Saab 9-3 Viggen to Saab Automobile AB and the Porsche Boxster to Dr. Ing.h.c.F. Porsche AG. Over the past three decades we have manufactured some **900,000** cars.

Our advantages are rapid production start-up, flexibility and uncompromising quality along with a superb open car expertise and experience. The quality system of Valmet Automotive has been certified according to the **ISO 9001** and the **QS-9000** standards.

Together with our partner and supplier network, we at Valmet Automotive strive to keep making top quality products.

