

Silvermine 11SR Dutch track car project

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The Silvermine 11SR is a prototype of a racetrack car developed by an all Dutch collaboration between engineer Frank van Rouendal and designers Marco and Andries van Overbeeke.

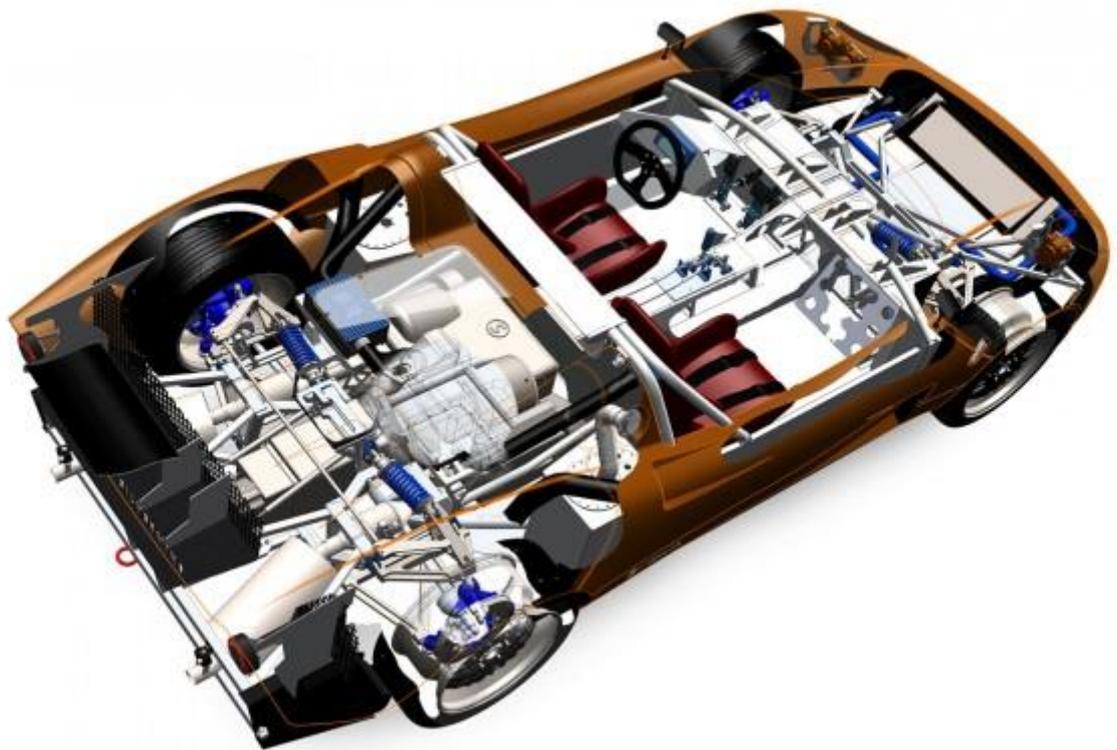
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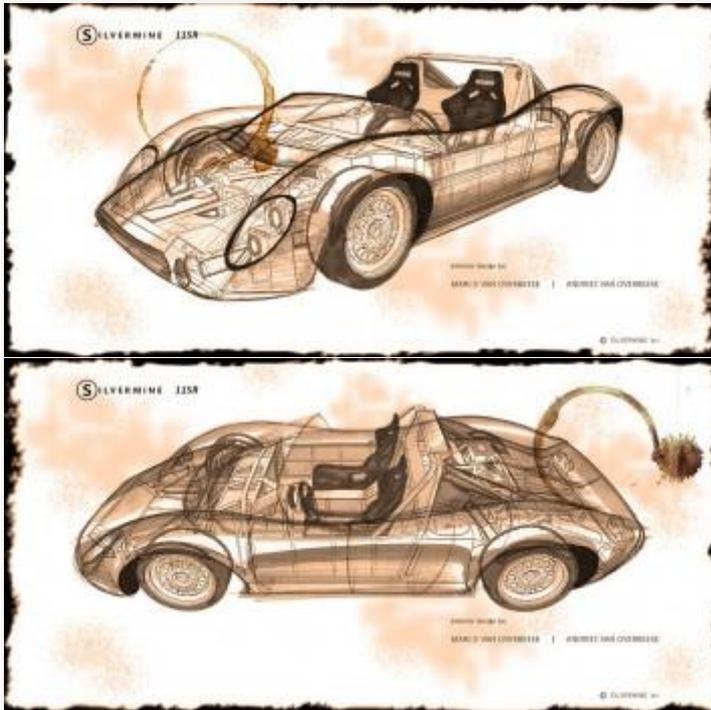
For the past 10 years mechanical engineer **Frank van Rouendal** has been designing and building a race car chassis in his garage – custom building almost every part.



The car features an aluminum space frame chassis and is equipped with a 325hp 6-cylinder Subaru boxer engine, coupled with a six-speed sequential gearbox and a limited slip differential.



The exterior design of the prototype was recently commissioned to automotive freelance designers **Marco** and **Andries van Overbeeke**, who created a custom-made suit with lines inspired by classic sportscars.



The prototype development is now in its final stage – preparation for the production of the body – which is expected to be completed in early 2015.

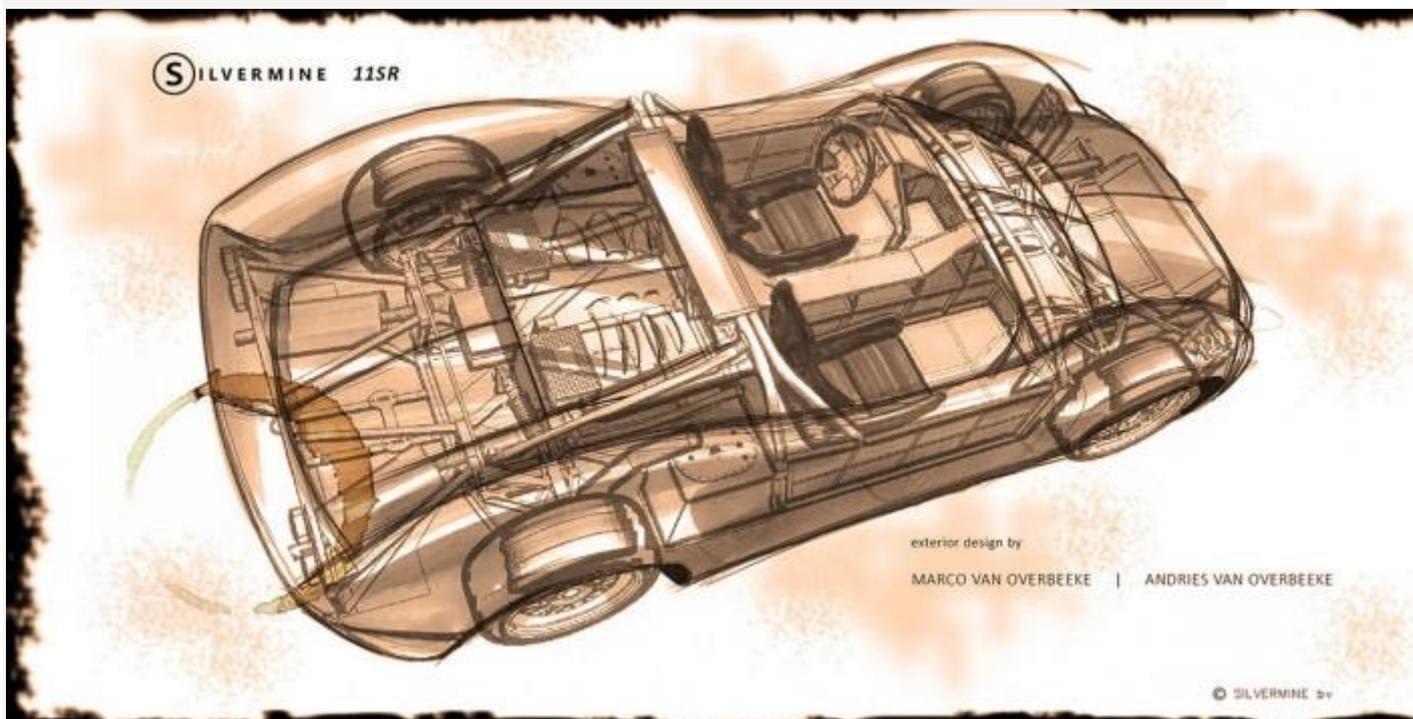


Below we report selected information on the styling development, from the official press release. Also check the full gallery of photos, renderings and sketches.

The Design

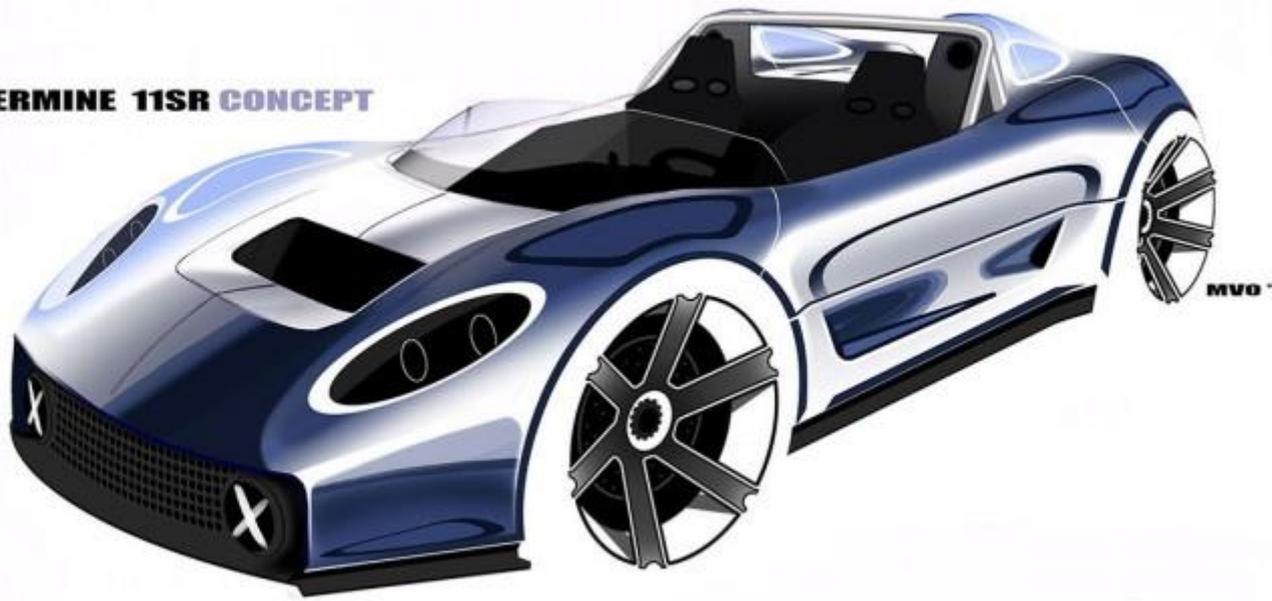


Starting point for the design process was the already finished chassis built by engineer and maritime designer Frank van Rouendal – differently from the usual situations in which a product is designed as a whole within an integrated design process.



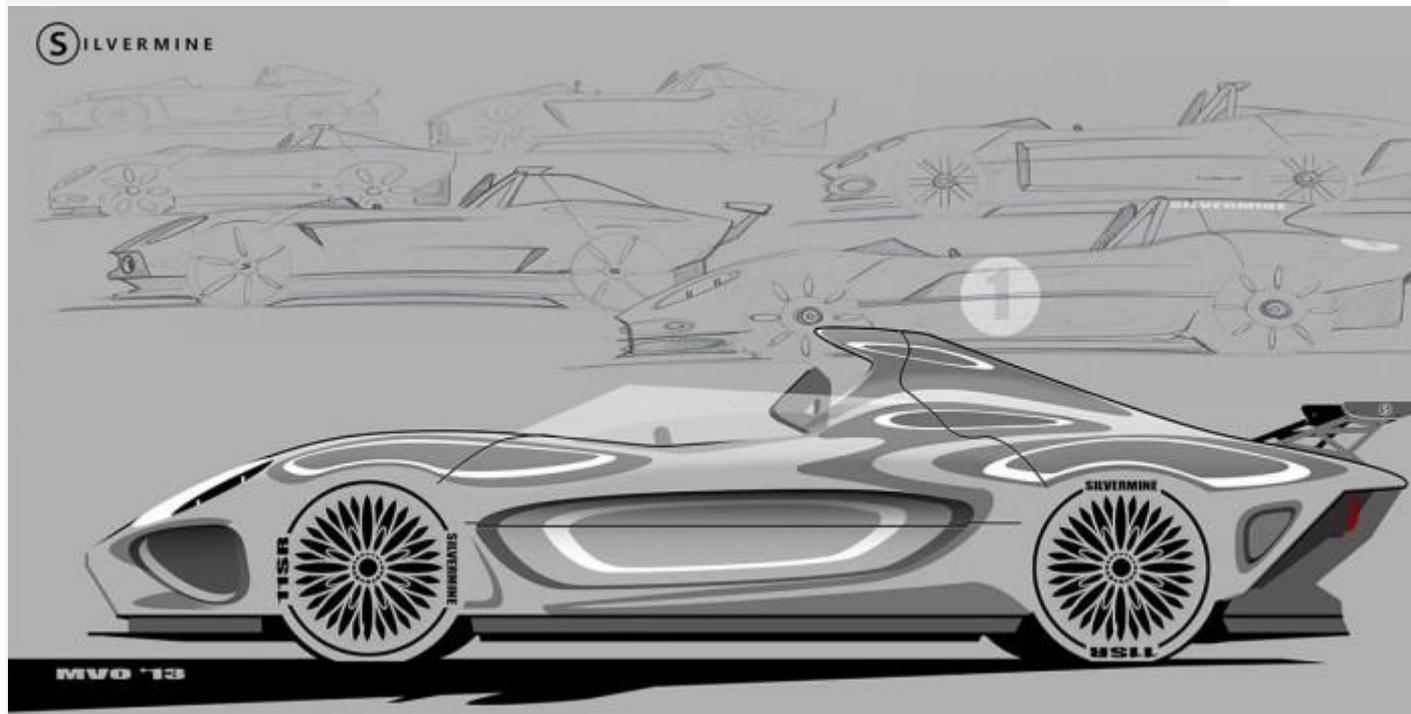
The straight forward approach used by Van Rouendal to create his light weight chassis, also inspired the exterior design.

SILVERMINE 11SR CONCEPT



SILVERMINE

The brothers Marco and Andries van Overbeeke tailored the new exterior around the hard points of the chassis, *“like a race suit protecting the internal parts whilst showcasing them”*.



This creates a high contrast where the fast appearance of the body drapes on top of the hard core exposed chassis like a silk dress, which is inspired by the great race car heritage of the 50's-70's.



The design is clean with very few lines and contains a classic curved beltline, sensuous wheel arches and classic surface treatment.



The air ducts are kept simple and purely functional, no excessive design is applied. The form language of some elements are inspired by elementary fabrication techniques, like the front nose grill (milling aluminium), side skirts and rear diffuser (pressing and bending sheet metal).



At the rear, the exposed chassis frame shows its raw engineering and functionality. Underneath the tailgate, the engine bay is visible as is the gear lever mechanism and the adjustable rear suspension. The complete exhaust system is not even styled at all.

The front suspension is visible through the wind shield which on itself is also part of the nose air duct outlet. Opening the front and rear hood, exposes the carefully crafted chassis with bolt-on sub frames and adjustable suspension with the one-of-a-kind up-rights.



The off-the-shelf headlights and the brackets on which they are mounted, are maintained as Van Rouendal has originally fabricated them.



They are fully visible through the front light panel, providing also a peak into the car's front internals.

The transparent engine cover exposes the longitudinally placed 325 hp Subaru 3.0 liter six- cylinder boxer engine.

For more information visit www.silvermine.nl and check [Marco](#) and [Andries](#) van Overbeeke's profile pages on Behance.

(Image Courtesy: Silvermine for Car Body Design)