

## VACUUM-FORMED PLASTIC COMPONENTS

### System partner

Andrénplast is a specialist in vacuum-forming of thermoplastic parts that facilitates the design of multi-functional and high quality components used in trucks, buses, cars and many other applications. Components with large areas are particularly well suited for the process.

Requirements on complex components such as low weight, high surface finish, easy to assemble, recyclable and cost-effective are achieved by consulting our engineering and manufacturing expertise with more than 25 years of experience in e.g. using multilayer and reinforced materials.

As an example we supply to bus manufacturers pillar trims, driver's doors, ceilings, walls for the driver area and instrument panel structures.

Exterior parts for automobiles include liners for all kinds of vehicles, bonnets and roofs for construction vehicles and aerodynamic elements on truck cabs.



Dash board- bus



Aerodynamic front- truck



Front wall- caravan



Housing- lawn mower



Drivers door- bus



Bonnet- construction vehicle

**Vacuum-forming**

First and foremost vacuum-forming provides significantly lower tooling costs compared to other methods. In addition, this process saves cost thanks to quick tool changes.

The method also gives the end product outstanding finish, high quality and strength. The products achieve a high precision and an aesthetic appearance.

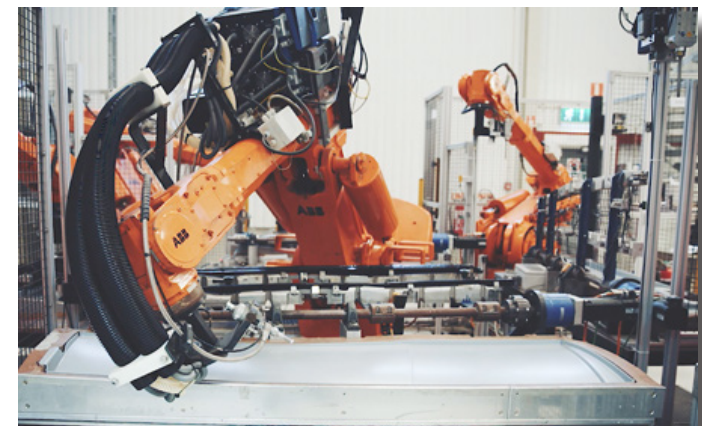
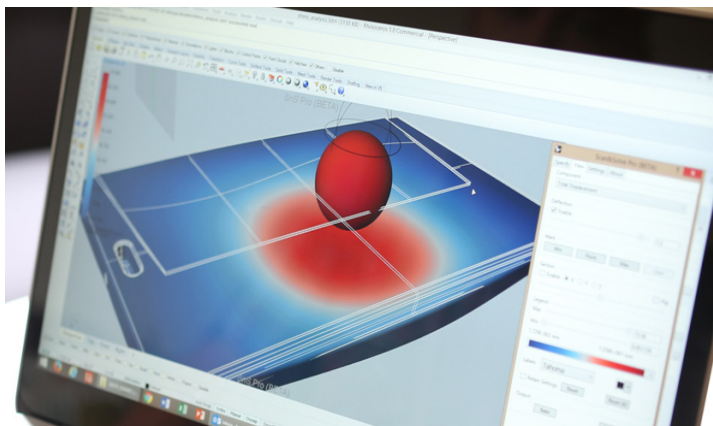
Using pre-coloured or multi-layer materials are just some of the process opportunities. All material used is 100% recyclable which results in a cost-effective and environmentally sustainable process.

A leading position in vacuum-forming has been achieved by an optimum combination of material use, design and manufacturing process.

The innovative technical team takes the product ideas from our customers all the way to the best solution via design, prototyping, validation and industrial production.



Vacuum-formed interior component



Engineering and production capabilities