

## Compotech AG

Compotech AG a renowned Swiss company supplies the international industry. In close cooperation with the customer, it develops and manufactures products and systems made of fibre-reinforced plastic (FRP). Typical parts include interiors, external parts, housings, shells, containers, claddings, insulators, structured parts, washing tubs, and so on.

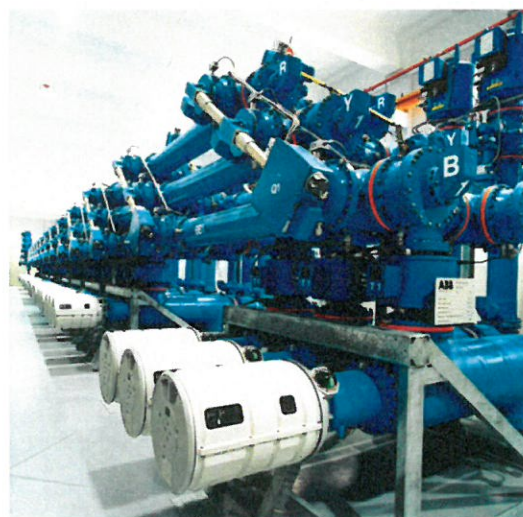
### SMC – proven material for new solutions

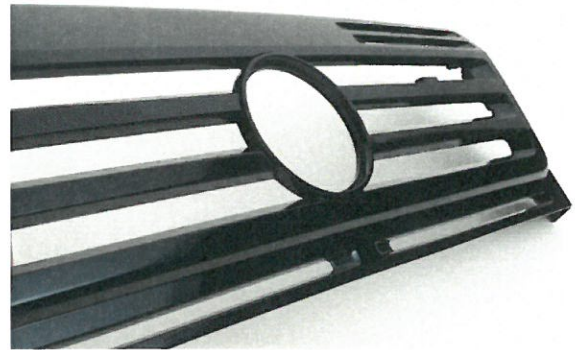
Components made of SMC (sheet moulding compound) have been used industrially for 50 years. SMCs are multi-material composites based on polyester resin, fibres, mineral filling materials and additives. The formulas can be easily adapted to customer wishes, resulting in strong specialization and niche markets. The outstanding material properties include excellent accuracy in size, high quality, and heat expansion like steel, as well as electrically isolating and conductive characteristics.

Due to the polyester resin and high percentage of mineral matter, the temperature resistance is very high and the material does not melt and can be made non-flammable, which means that it is very attractive for construction and public transit. All in all, a markedly "problem-solver-material".

The great advantage is the excellent mouldability. SMCs fill moulds in a 3D flow process. In this manner, complex moulded parts can be manufactured with extremely high form-fitting precision. An interesting cost aspect is the result: one tooling – one press stroke – one pressed component. Several forming stages are not required as in the case of sheet-metal forming. The ideal quantity range for SMC is 1'000 to 80'000 pieces a year.

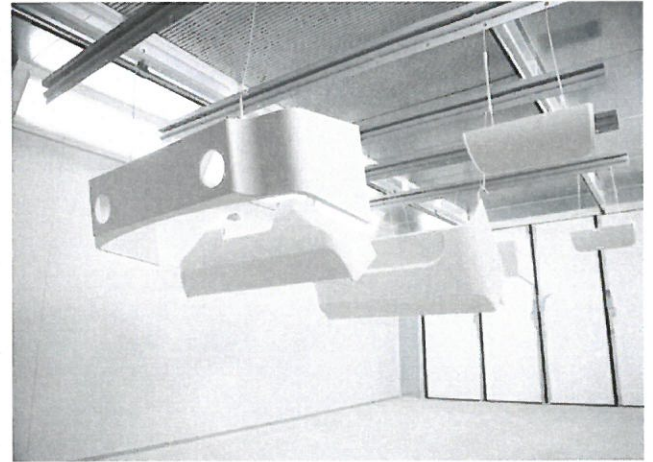
**The ranges of application vary widely.** This includes the electrical industry, machine and apparatus construction, transportation (railway industry, automotive), medical technology, construction and sanitary, to name only a few.





#### Our strengths:

- Moulding (SMC hot presses, 2 of which with 2'000 tons clamping force)
- CNC milling cutters (2 CNC-controlled milling cutters)
- Colouring (2 painting plants)
- Assembly (mechanical, gluing)
- Engineering and project management capacities



With a complete service offering, Compotech AG is able to accompany customers from first contact to the end of the project (also see [www.compotech.ch](http://www.compotech.ch)).

For further information, please get in touch with us..  
Contact us – your challenges are our concern!

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