



muovityö
HILTUNEN OY

Plastic structures
for the needs of
demanding industries



When ordinary is not enough

Muovityö Hiltunen Oy is a family business specializing in composite and plastic structures, founded in 1969. Our location is in Valkeakoski, and our operational area covers the entire Finland.

We manufacture products for the demanding needs of the chemical industry, energy and electronics industry, food industry, forestry and paper industry, as well as water utilities, surface treatment plants, and engineering and design offices.

Through our international clients, a significant portion of our products is also exported.

Our staff consists of experienced professionals in their respective fields, and we provide regular training to maintain their expertise. We hold all the necessary qualifications according to modern standards. The majority of our production complies with the EN-13121 standard.

Our extensive experience in plastic production, our understanding of the needs of process industries, and our precise manufacturing methods ensure the quality and durability of structures.

Explore our production in more detail: muovityo.fi/en/technology

Sustainable solutions

We are committed to environmentally sustainable solutions both in our production processes and in our products. The products we manufacture are long-lasting, and the carbon footprint generated during their production is minimal.

The recycling rate in our production is high, and our finished products are also recyclable. We have played a role in establishing fiberglass recycling in Finland: composite plastic is incinerated in a cement kiln for energy, fiberglass becomes a raw material for cement, and durable plastic waste is delivered for recycling. We collaborate on material recycling with Kuusakoski Oyj.

Approximately 25% of the energy we use is produced through our own solar power system.

Our products are designed to be recyclable at the end of their life cycle, promoting sustainable development.



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Custom plastic structures tailored to your specific needs

We specialize in subcontracting the manufacturing of industrial chemical tanks, pipelines, and gas scrubbers based on customer designs. Our main products include tanks and scrubbers, and our particular strength lies in composite structures.

We ensure the best possible outcome by selecting the right materials and manufacturing methods for each product. The materials we use include PP, PVC, PEH, PVDF, ECTFE (Halar), FEP, and LM (reinforced plastic), as well as their combinations. We can equip tanks with features such as ladders, maintenance platforms, insulation, or heating as needed.


The finished products can have diameters ranging from 0.5 to 7 meters, and our production facilities enable the manufacturing of pieces up to 40 meters in length. The tanks can withstand temperatures of up to 100°C, but with special constructions, we can achieve a maximum temperature of up to 200°C if needed.

**Tutustu tarkemmin
tuotteisiimme:
muovityo.fi/tuotteet**

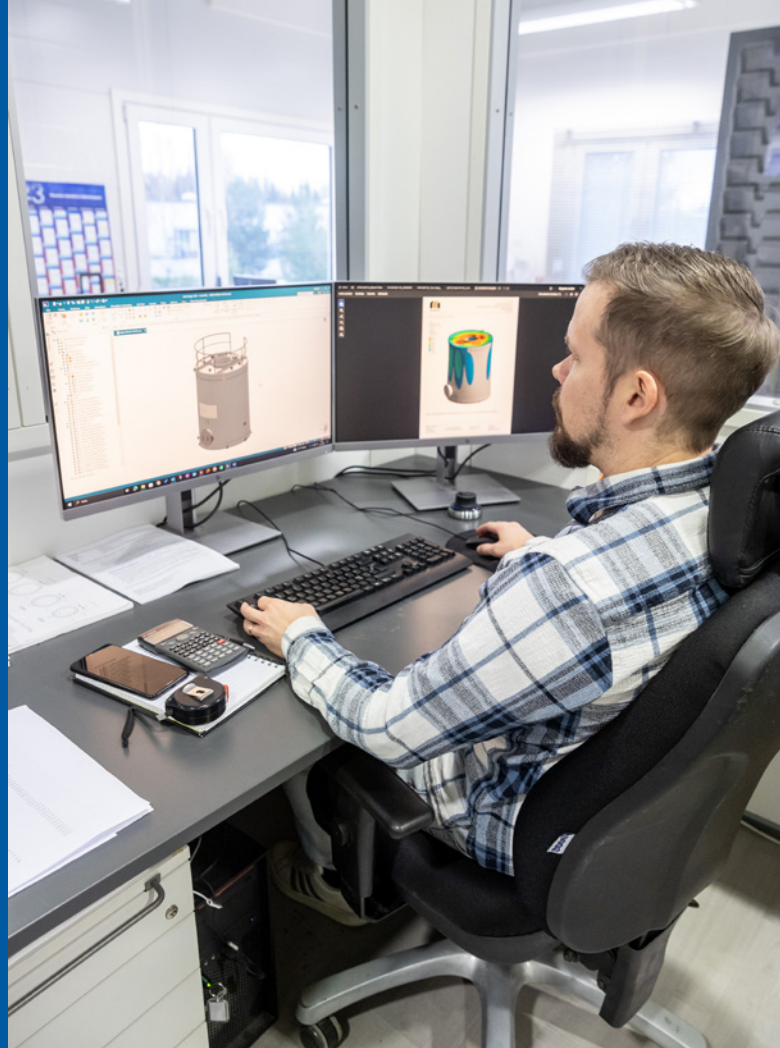
Services throughout the entire lifecycle

Customers can receive a finished product from us upon request, but we also offer services throughout the entire lifecycle of the products. We are here to assist from product design to manufacturing, installation, and inspections.

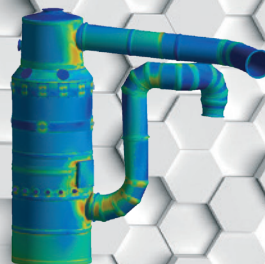
Our design and expert services include structural design, modeling, strength calculations, as well as various testing and research activities. In addition to installations, we often take care of the transportation of the products we manufacture.



We conduct maintenance, repairs, testing, research, and periodic inspections for products manufactured by other companies as well. We are also proficient in coating old tanks and undertaking modifications.



Lujitemuovisäiliöiden ja -kanavien lujuusanalyytit SFS-EN 13121-3 ja ASME RTP-1 mukaisesti yli 10 vuoden kokemuksella. Laskenta ortotrooppisin materiaaliominaisuuksin ja murtokriteerein. Teemme myös ongelmanratkaisua ja vaurioiden analysointia.



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The world's most innovative composite tanks

Admor Composites Oy is an innovative composite tank manufacturer established in 2010. We collaborate closely with Muovityö Hiltunen, strengthening the expertise of both companies. Our market encompasses both Finland and international locations.

We produce high-quality composite transport tanks, tank trailers, and tank containers for the road transport of liquid chemicals and foodstuffs. As pioneers in the development of composite tanks, our products have numerous patents and design protections.

We engage in continuous product development, and all our tanks can be customized according to customer needs. Our products are ADR-approved, and we also manufacture non-classified transport tanks.

Explore our products in
more detail:
admorcomposites.fi

Why choose the Admor® composite tank?

The Admor® composite tank helps save fuel costs, mileage, water consumption, and working hours. Thanks to these savings, the composite tank is also an environmentally friendly choice.

With a wide range of coatings and tank options, the tanks can be efficiently optimized to meet the customer's operational needs—improving both workplace safety and usability in the process.

We inspect, maintain, repair, and undertake modifications for products manufactured by others as well.



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Atolli
Osaaminen ratkaisee

Atolli on suomalainen teollisuutta ja rakentamista palveleva muovisiin putkisto-
järjestelmiin sekä niihin liittyviin tuotteisiin erikoistunut projektiryitys.

MATERIAALI JA TUOTEVALIKOIMAMME:

- PE
- PP & PP-S
- PVC & C-PVC
- Fluorimuovit
- Lujite-/kertamuovit (FRP)
- Erikoismuovit
- Somistusmuovit
- Rakennusmuovit
- Yhdistelmä rakenteet
- SEKÄ:
- Putket- ja putkenosat
- Venttiilit
- Kannakointijärjestelmät
- Paneelit
- Levyt & kudoslevyt
- Pyörötangot & profiilit
- Ainesputket
- Letkut
- Kalvot
- Pinnoitusmateriaalit
- Ritiälät