





# Solving problems

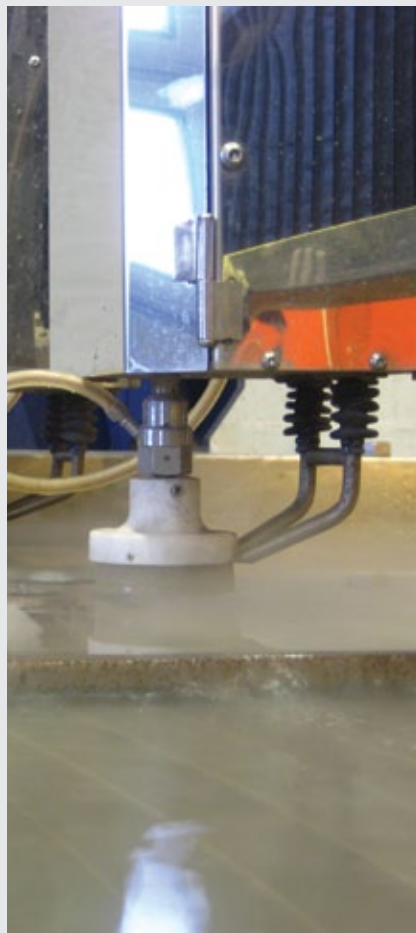
*What can we do for your company?*

Odda Plast AS was established in 1974 and has accumulated a considerable amount of experience in manufacturing, developing and supplying various types of plastic products.

We are an approved training establishment with all the necessary documentation and both the company and its employees possess the required certification.

In a market that is constantly developing, we believe it is essential that our employees possess a high level of expertise.

We want to remain one step ahead of our customers' needs and, where others see challenges, we see solutions. Our quality control system is also approved via Achilles for supply to the offshore industry.





# Technology and development

*We design smart solutions*

Odda Plast AS has its own technology and development department that identifies new solutions, draws and designs various solutions and develops ideas, in partnership with the customer.

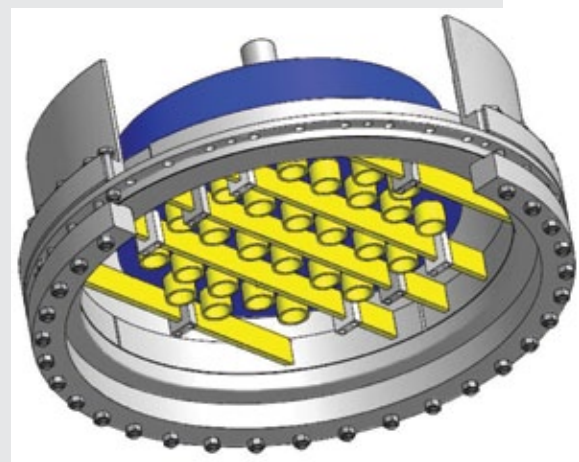
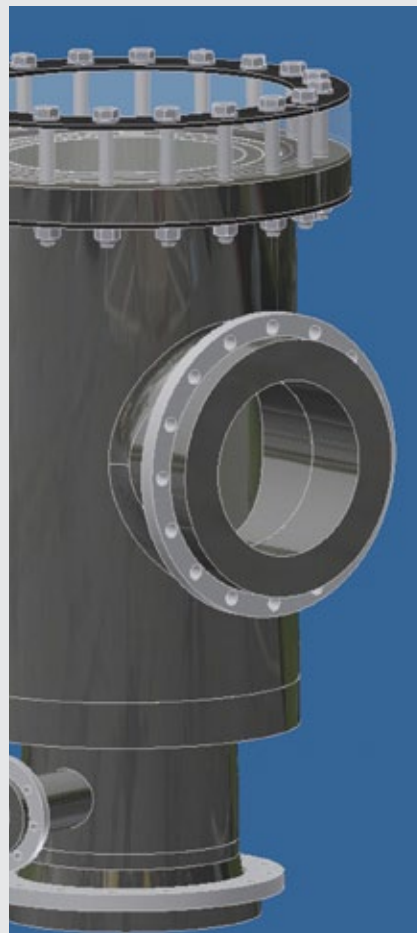
We will provide expert advice regarding material choice, production method, load capacity, raw materials, etc.

We work in close collaboration with several large offshore companies and perform a number of trials and tests.

The appropriate development of new products can result in considerable financial savings to the individual enterprise.

We can assist you in the design and manufacture of composite or thermoplastic products, or a combination of both.

We also have a separate department for the preparation of fluoroplastics such as PFA, PVDF, FEP, ECTFE and PTFE.





# Prefabrication

*When time is money*

Prefabrication of piping systems can mean reduced delivery time and increased quality control for the customer.

We can assume total responsibility for the entire system, including measuring, preparation of drawings, installation, in addition to documentation of the final system, all in accordance with the customer's specifications.

From the customer's point of view, prefabrication will be an efficient working method. Our specialists will only remain in the shipyard for as long as it takes to measure the system, and during actual installation.

All other production will take place in Odda. Access to a wide range of specialised tools is also a guarantee of the optimum quality of the finished product. As part of the process of quality control, all pipe joints are tested, labelled and logged with regard to traceability.

Many of our assignments concern the modification of existing production plants. With prefabrication, any production downtime can be limited to the time it takes to reconnect the piping.

Our measuring range is  $\varnothing$ : 0-1200 mm.





# Lamination of steel piping

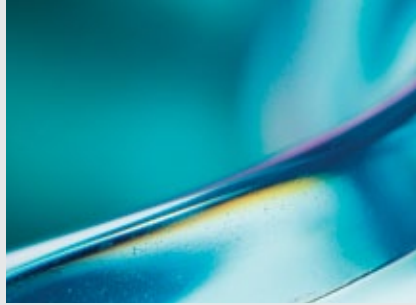
*With economy and safety in mind*

The corrosion of steel piping is a problem that can have serious financial consequences, as well as impacting upon safety.

By laminating steel piping with a protective plastic layer, the risk of corrosion diminishes significantly. The appropriate choice of materials is a decisive factor in this respect and in many cases it is possible to achieve 100% elimination of a corrosion problem.

Most industries these days understand that a combination of different plastic materials will solve the majority of problems arising from corrosion, and have either replaced or laminated steel piping.





# Acrylic

## *Crystal clear view - many advantages*

As the sole supplier in Norway, we are able to offer Veritas-approved diving windows.

These are used on submarines and diving bells, among other things.

Acrylic is around one-half the weight of ordinary glass, yet is substantially stronger. Thus, it is able to withstand significantly greater pressure, as well as possessing superior insulation properties. It is also clearer than ordinary glass and provides extra safety, better insulation and an optimum, clear view.





# Small hydro-electric power stations

*We manufacture, supply and install*

A carefully planned requirements specification can optimise the relationship between weight, strength and a reduced demand for power.

More and more companies are discovering the benefits of using plastic and composite materials. In an environment plagued by major corrosion problems, the use of plastic materials can, in many cases, be the only way to combat high maintenance costs.

We have supplied and installed piping for Måge Naturkraft AS, among other customers. The small hydro-electric power station at Måge has a fall height of 140 metres and a pipeline route of 600 metres.

Moreover, Odda Plast AS is able to supply in every available dimension.





# Fusamatic

*Fast, safe and thrifty installation*

Fusamatic is a welding system suitable for polyethylene pressure piping.

The system comprises an electric welding unit, polyethylene pipe fittings and auxiliary tools. By heating up electrical resistance in the pipe fittings, a weld will be created that is stronger than the pipe itself. The core of the system is a welding unit controlled by a microprocessor. The unit adapts the current supply to each individual weld. The Fusamatic comprises several components that together form a complete electric welding system.



## ADVANTAGES:

All pipe fittings have electrically welded components that shorten the installation time, saving money.

The Fusamatic is easy to use and eliminates the risk of human failure during installation of pipe joints.

Installation time is short. Welding and cooling times are shorter than with traditional welding due to the construction of the fittings.

Easy-to-handle auxiliary tools simplify use and enhance quality.

Electric welding is the safest and most durable method of splicing polyethylene pipes.

With a welding current of only 40V, the system is safe to use in the field and also complies with the requirements of the CEN standard.

Easy-to-handle auxiliary tools simplify use and enhance quality.

The Fusamatic system can provide printed welding data for each weld, thus enabling quality documentation.



# Contact us

*We will find  
the right solution*

Odda Plast AS

Tel: +47 53 64 00 60  
Postboks 513  
5751 Odda, Norway

[post@odda-plast.no](mailto:post@odda-plast.no)

[www.odda-plast.no](http://www.odda-plast.no)

