

the **dynamics** of water



products for  
**clean- and wastewater  
transport**

it's about





# water

Water pours out from a faucet on the fourteenth floor of a luxury hotel in Dubai. In a major cheese factory in the Netherlands, salt water, a by-product of the production process, disappears silently into a wastewater treatment plant. At the same time, an equivalent amount of clean water is pumped into a chemical factory in the Ruhr Area in Germany to produce medicines. Although this may seem like a random selection of examples, they all have one thing in common: water.

## **The evolution of water**

We know everything about water. To be more precise, about pumps and pump systems designed to transport clean and wastewater. Pump systems have improved over the past half-century – partially thanks to Duijvelaar Pompen. Solutions have become more intelligent, more comprehensive and more reliable. We always have played and still play an important role in all those developments. In the Netherlands, where approximately fifty percent of all booster systems come from Duijvelaar, as well as in the rest of the world. The international brand name, DP-Pumps, has an excellent reputation in more than one hundred countries around the world

## **High Tech innovation**

Our strength lies in the close collaboration between knowledge and production; which is why we continue to invest in our facilities in the Netherlands. Constant technical innovation in our products, as well as customization and efficiency in the production processes help us grow and enable us to maintain consistent high-quality levels in our products.

# a history in



# water

An absolute market leader in the field of booster systems. Supplier to more than one hundred countries around the world. And a manufacturer of many thousands new pumps every year. In only half a century, we have grown into one of the leading manufacturers in our field – and that growth is still continuing unabatedly.

## **Customization**

Every second pressurization unit in the Netherlands makes use of technology developed by Duijvelaar Pompen. The company has as many solutions as there are different systems of clean and wastewater transport. Pumps, control units and piping can all be used as modules to create customized systems; all adapted to the specific situation, and designed based on the customer's wishes and requirements.

## **Complete control**

All of the above explains why Duijvelaar Pompen has the necessary knowledge and experience required for the entire process in-house. Research and development, production, engineering, sales, installation, maintenance... everything is in the control of our specialists. Our people understand business and are always involved in our customers' problems - wherever they may be in the world.



## **Laser welding technology for high efficiency**

Energy consumption is an extremely important principle in the development and improvement of our products. To help make our pumps as efficient as possible, we are currently welding most of the hydraulic components with powerful fully automated laser welders. Like most of our other machines, the laser welding machine was designed almost completely in-house!

our custom



Duijvelaar Pompen works for a broad spectrum of customers: large companies and small ones, on Dutch projects and on international projects. No two customers are exactly alike. Though we recognize similar qualities in all of our customers: they always go for the highest possible quality. They put reliability at the top of their list of requirements and rely on our flexibility. These are requirements that perfectly match the Duijvelaar profile.

### Installation technicians

Duijvelaar Pompen is a partner with more than 50 years' experience in the production and supply of pumps and pump systems. Thanks to consistent innovation of our products, we are able to deliver the highest quality at all times. With all disciplines under the same roof we are more than merely a supplier. Given all the knowledge we have in-house, we are also able to offer you advice whenever you need it, even in the most complex situations.

### Building managers

Building managers rely on optimal operational reliability. To accommodate this, Duijvelaar Pompen consistently invests in innovative new systems and products. And to keep the energy costs down, we give top priority to energy saving and ease of use; both in clean water and wastewater applications.

### Government

From simple wastewater pumps to complete sewage treatment plants: Duijvelaar Pompen supplies an expansive package of products and services to communities, water purification plants and buildings. The combination of different disciplines under one roof ensures that we are able to efficiently adapt existing systems to match current requirements.

### Industry

No two systems are exactly the same when it comes to industrial applications. Duijvelaar Pompen offers a wide range of solutions for both clean water and wastewater. Our high-quality stainless steel pump systems and components provide solutions in a wide range of applications: whether you need to pump drinking water for the food and beverage industry or the chemical industry, or wastewater containing moderately aggressive substances: Duijvelaar products fulfil all the important international requirements and guarantee optimal reliability.

### Active in 100 countries...

Duijvelaar Pompen is not only a brand name in the Netherlands, we have also been operating abroad for many years. Operating under the name DP-Pumps, we export our pumps and pump systems to more than 100 countries around the world via an active dealership network. Our pumps are used in cooling-water circuits for the production of computer processors in Japan and in irrigation systems in the Middle East. But above all, they are used in skyscrapers: from the famous Petronas Towers in Malaysia and the super-deluxe hotels in Dubai to the River Side in Detroit. Our products are used in all those locations because they warrant reliable water supply and drainage at all times.



flood of





# innovations



## **Fleet Management System**

### Maintenance and management

In the Netherlands, we work with a 24-hour service and maintenance programme: we have 40 mechanics throughout the Netherlands, installing systems and providing support to customers on maintenance contracts in the case of failure. Our tracking and tracing system keeps our back-office constantly updated on the positions of our technicians and the status of our planning system. That way, we are able to schedule both directly and flexibly. In addition, the system gives our technicians direct access to up-to-date information about the systems.

Innovation: the driving force behind the success story of Duijvelaar Pompen. Just as our pumps never stop pumping, our innovation process also never falters for a moment. As the demand for water-related solutions grows, so does the demand for intelligence and creativity on the part of manufacturers such as Duijvelaar Pompen. We are always ready for every new challenge that comes our way.

## **Clean water pumps and systems**

Our next generation DPV, sets a standard in the market of vertical multistage centrifugal pumps. Optimization of the production process resulted in the highest possible efficiency,

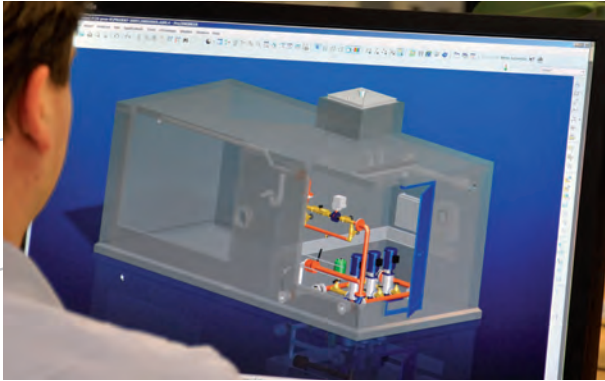
An optimization of the assembly of booster systems and the use of smart features resulted in a user-friendly installation and operation of our new generation Hydro-Units.

Duijvelaar Pompen also provides supporting services when it comes to sustainable systems and safe installations. The introduction of the revolutionary WaterStreamDetector perfectly matches our ambition to embrace maximum security, as in the case of the use of stainless steel in drinking water supplies and processing water in the food and beverage industry.

## **Wastewater pumps and systems**

Sometimes a complete municipality relies on Duijvelaar Pompen for the drainage of its wastewater, other times it may be a villa. It makes no difference to our specialists: the systems may be different, but the operational reliability of our pumps and controllers are always the same.

# references



## References

Sales, Engineering, Production and R&D: DP-Pumps has all the skills to provide you with professional advice, unique solutions, (tailor-made) pumps, booster sets and control panels. Many companies have already discovered the advantages of working with a reliable partner. To give you an impression of the projects we can realize with our product range, please check our references in applicable markets.

An extended list of projects is available on the DP-pumps website.

### **Dokhaven sewage treatment plant Rotterdam, Holland**

The sewage treatment plant in Rotterdam purifies the city's wastewater with the use of an underground system. It purifies approximately 5,500 m<sup>3</sup> of wastewater per hour. Once the sludge, nitrogen and solids have been removed, the water is biologically purified and the DP-Pumps system transports the effluent into the River Maas.



### **Al Kout Fahaheel waterfront, Kuwait**

Al Kout Fahaheel waterfront is Kuwait's most exciting waterfront development that is built around two retail piers, projecting into the sea. Al Kout is stretched on 1.6 km coastal line of the Fahaheel area and offers a unique shopping experience of well-known brands as well as serving the local community with a traditional market. It also includes a luxurious yacht club. DP-Pumps produced several two and four-pump booster systems for reliable water transport to the buildings in this area.

### **School projects Saudi-Arabia**

10 years ago, the Ministry of Education of Saudi Arabia started a plan for upgrading the school sector in the Kingdom. Under the plan, several new buildings are constructed and existing buildings have been renovated and maintained. Since the first project DP-Pumps is the main provider of pumps for both drinking water and fire fighting systems.



### **Mosfilmovskaya House Moscow**

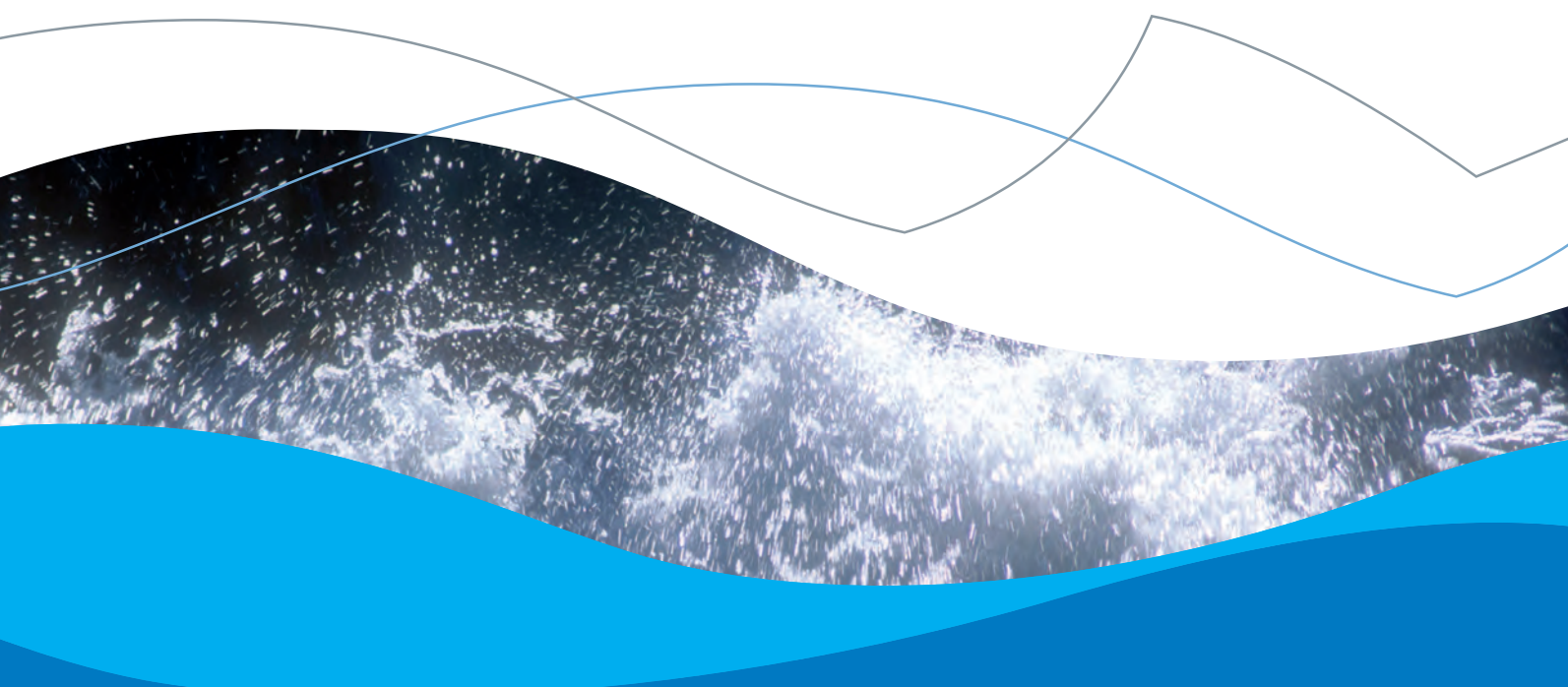
The residential complex is comprised of two towers (height 213m), connected by a lower section. The complex is modernly equipped. The underground part of the building accommodates a three-level parking garage. In order to have sufficient water pressure on even the highest levels (47 stories) a number of DP-Pumps Hydro-Units® are installed to deliver the water with the right pressure in every apartment.

### **Bengaluru International Airport, India**

Bengaluru in South India is the third largest city in the country with 4.2 million inhabitants. The new airport has a luxurious passenger terminal with a total surface of 71,000 square metres. It is expected that an average of 12 million passengers a year will depart and land on this airport.

DP-Pumps supplied many booster systems for the airport. The booster systems supply water to the passenger terminal, air traffic control, the cargo complex and surrounding office buildings.





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