



WATEX | Technological solutions and Equipment for Water treatment

Consultancy



Design

Construction



Installation

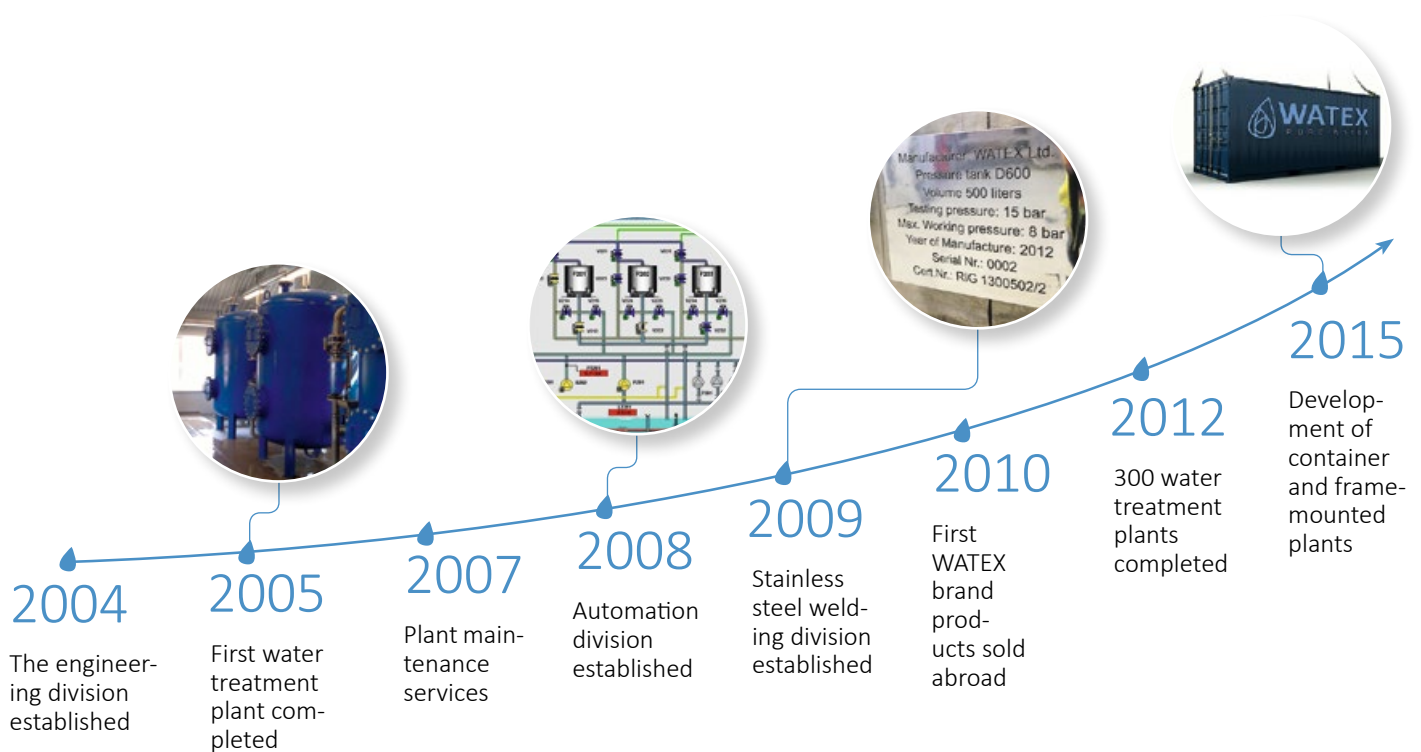
Service



Renovation



WATEX development over the years



WATEX mission and values

Our mission is to provide our customers with water treatment products and solutions that give the best result possible based on outstanding service, high quality products, and superior technical expertise. Our goal is to have mutually beneficial and long-term relationships with our clients and partners.

Outstanding customer service

WATEX focuses on providing the best service in the industry; we employ and train experienced personnel responsible for the installation works to ensure long-term relationships with our customers.

High quality innovative products

To provide products and services of the highest quality, WATEX takes full control of the manufacturing process; our production and engineering team will find the most effective solution for your needs. We procure the spare parts for our plants from the top companies in the industry. We are continuously following developments in the industry to make sure that the most innovative and reliable solutions are implemented in our plants.

Responsibility and customer loyalty

We accomplish our projects with the full responsibility towards customers and their needs. We provide warranty and after sale support for offered solutions and equipment. Our relationships with customers and partners are based on mutually open and honest communication. We are pleased to receive a feedback from our customers about advantages and negative aspect of use of our equipment. The Company is in the process of continuous development. We analyze our mistakes and we are inspired by successful projects. We appreciate customer loyalty as a key factor to development of the company and its new products.

WATEX product range covers all the way from RAW water to ULTRA PURE water

Raw water

Mechanical filtration

Removed:
Sand, rust, mud

Mechanical filtration units



Pretreated water

Oxidation + filtration

Removed:
 Fe^{2+} , Mn^{2+} , NH_4^+ , NO_2^- , CO_2 , P, As^{3+} , H_2S , CH_4

Optional Disinfection

Removed:
Bacteria, viruses, microorganisms

Sand filtration plants



UV disinfection units



Drinking water

Softening by ion exchange

Removed:
Calcium (Ca^{2+})
Magnesium (Mg^{2+})

Softening units

Organic removal units

Activated Carbon units



Softened water

Demineralization

Removed:
~99% salts

Reverse Osmosis plants

Nano filtration plants

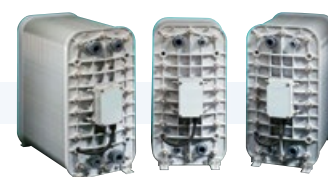


Demineralized water

Ultra purification

Removed:
all other remaining impurities

EDI systems



Ultra pure water

WATEX provides clients with the full-service cycle:

Consultancy and quotation

Our project team finds the best solution possible by taking into account the following characteristics: raw water quality, water consumption, required water quality, use of the water and the customer needs. We offer technically and economically accurate solutions, low operating costs, the best components from the world's leading manufacturers. An offer includes the estimated costs, technological drawing and technical data sheet.

Design

Depending on customer needs we offer metal or plastic equipment and pressure filters made of carbon steel with food grade coating, stainless steel or composite. Also an offer includes pipes and fittings made of PVC-U, PE or stainless steel. The selection of different brand components obviously depends on customer needs and financial resources. We offer standard and custom design solutions, 3D drawings, and visualization. WATEX cooperates with local design companies located in the in customer's area, providing them with technical information and technological solutions.

Construction

We offer a wide range of products and technical solutions for our clients. Our water treatment equipment complies with easy construction requirements: pre-fabricated parts are easy to assemble, test, and disassemble into a package convenient for transportation. Our stable position in the market ensure competitive pricing, high efficiency, flow rates up to 800 m³/hour, reliable and long-life products, minimum maintenance and low maintenance cost, innovations, and solutions ranging from low cost to premium. Our production is certified and products are provided with technical documentation.

Installation

Installation of our water treatment equipment is provided by a professional

team consisting of plumbers, welders and technicians of automatic control processes. Our team has a long-term experience, thus guaranteeing quality and performance. Also we ensure start-up, adjustments and quality tests after installation. Our equipment is installed in accordance with previously developed and customer approved technical drawings.

Due to the simplified design of the plant and complete installation instructions WATEX water treatment plants can be installed by a customer. Installation by a customer is more practical in a situation where the plant is to be located far from our location. We provide customers with technical support and technical drawings. All equipment is tested and programmed before shipment.

After-sales support

After installation some of the equipment requires chemicals for successful operation, e.g. the water softening plants require NaCl salt tablets and reverse osmosis requires antiscalant. After certain period of time, some elements such as quartz sand, membranes, filter bags, and mechanical parts need to be replaced. Filter media replacement can be handled either by a local partner or the plant owner. At the plant start-up WATEX provides the plant owner and local partner with maintenance and operation instructions. Plant software technical support is provided on-line.

Renovation

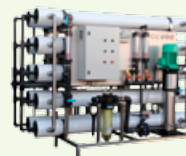
A lot of water treatment plants that have been installed a long time ago and worked without the proper maintenance malfunction or break down. If you are facing this kind of a situation, we are more than ready to provide you with the necessary service and help you renovate your plant. Our professional team has a vast experience and we have spare parts for various types of water treatment units.

Plant assembly types:



Standard, prefabricated – pre-assembled, tested, marked, disassembled

and packed for safe shipping. Used for a wide range of plants when it is important for compact transportation. The components are clearly marked and can be installed by Customer's technical personnel by following instructions. All Start-UP instructions and technical drawings are included in the installation package.



Frame mounted plants – the best option for the customers with short

deadlines. Frame mounted plant is fully mounted and ready for use right after delivery. It can be easily implemented for water treatment immediately. Frame option is also available for large capacity plants by using container-size frames. Frame mounted plants are mainly used inside buildings. All Start-UP instructions and technical drawings are provided together with the plant.



Containerized plants – ready to plug & play. All units are mounted and

tested in production and ready to operate shortly after arrival. Container plants are used for short term and long-term water treatment. Short term used as capacity upgrade for an existing waterworks plant. Container plants can be installed with various water purification units following customers' needs. Container size is not a limitation for plant capacity, if its necessary plant can be designed in more than one container. Containers are insulated and equipped with electric heating.



Watch Our-Online presentation here!

WATEX headquarters and production facilities are located in Riga, Latvia



Ltd WATEX
Ganību dambis 26, Rīga, LV-1005, Latvia
info@watex.eu
watex.eu
Tel.: +371 67381989

