UPGRADE
STORAGE

EXPERTS IN TANK CONSTRUCTION
Upgrade Storage is a construction company and turnkey installer of industrial, large size tanks and silos used for the handling, processing and storage of liquid and bulk products. Upgrade Storage takes care of the EPC of storage tanks made from carbon and/or stainless steel. Our innovative working methods and technical expertise enable us to guarantee high quality systems.

As a division of the Upgrade Energy Group, a comprehensive partner in the area of energy consulting and implementation of integrated energy solutions, we have both the technical and operational expertise to manage our projects efficiently. With headquarters in Belgium and offices in Poland, China, Croatia and Turkey our group is well represented internationally and ensures local presence, expertise and project development.

Our team can look back at 25 years of experience in the construction of large size storage tanks, silos and the manufacturing of tankers and trailers. Upgrade Storage cooperates with world leading experts in the field of tank construction and safely delivers superior results, even in the most challenging environments.
We have a wealth of experience in specialist services, our tanks and silos are of a high quality and are versatile in their usage across industry sectors including but not limited to the following:

- Chemical and Petrochemical Sector
- Energy (Thermal/LNG) Sector
- Building Sector
- Sugar Factories
- Power Stations
- Cement Plants
- Ports and Storage Plants
SETTING NEW STANDARDS IN SECURITY AND PREVENTION

Flexibility, quality and safety are key in all our projects. Our objective is to deliver high quality products in accident and incident-free environments for our employees, without causing a negative impact on the environment.

Our multidisciplinary approach allows us to offer our clients integrated solutions and realise projects from start to finish.

YOUR ADVANTAGES:
- Seamless Integration
- Perfect Coordination of Work
- One Single Contractor: to reduce your budget requirements
- Simplified Cost Management
- Dedicated Contact Person
Upgrade Storage is experienced in both prefabricated and on-site construction of tanks and provides excellent customer’s service throughout the entire process. A specific technical solution is required for each type of tank. Upgrade Storage masters a number of different techniques and ensures safe, flexible and high quality construction of tanks.

THE TRADITIONAL METHOD

- “Bottom up” constructed.
- The most commonly used method for the construction of tanks.
- Starting with base plates, erecting shell per shell to finish with the assembly of the roof.
THE TANK JACKING METHOD

- “Top down” constructed
- Courses of the tank are assembled from the top downwards, using jacks to lift the assembled courses
THE SPIRAL METHOD

- This method is used for the construction of the higher tanks without using scaffolding, welded on the shells of the tank.
- This procedure involves gradually rotating the tank upwards. All metal plates are welded on site (at ground level), in this way limiting the space required around the construction area.
- Construction is not affected by bad weather conditions.
THE SIM METHOD

- The entire upper part of the tank is rotated during horizontal welding, using fixed welding machines and equipment.
Even the best built and maintained tanks will eventually be subject to wear and tear.

As a full service partner, Upgrade Storage is able to refurbish tanks in a cost effective way, without compromising your commercial activities or the environment. Our specialised teams execute repairs on-site, aiming to reduce the downtime of your installation as much as possible.

Due to increasing safety and environmental requirements, higher quality standards and a more economical use of tanks, maintenance and repair of tanks are crucial. Upgrade Storage offers a complete package applying the most modern methods of cleaning, repairing, shotblasting etc.

Upgrade Storage has the technical expertise and experience to execute complete tank maintenance and repair programs.
- Replacement of tank bottoms
- Repair and replacement of fixed and floating roofs
- Relocation of tanks
- Inspection and repair of tank seals
- Jacking and levelling
- Shell plate renewal
- Pipe repairs
- Innovative access solutions
- Rolling ladders and stair treads
- Maintenance and support services for installations supplied by us and/or third parties.
Over the years, Upgrade Storage has built up enormous expertise in the construction, of all forms of tanks. All our products are custom made according to the specific project requirements and compliant with the highest quality requirements:

- API 650 (for new constructions)
- API 653 (for repairs to existing tanks)
- EN 14015
- EN 1993-6
- CODRES
- DIN4119

Upgrade Storage also provides all accessories for the tanks: insulation, ladders, walkways, stairs, anchoring; couplings, flanges, cradles/skids, ... all fully in accordance with your requirements.
Our clients can count on excellent project management and are at all times informed on the progress of the project. Within the client area of our website you can find all important documents related to your project and follow the planning closely.

STAY UP TO DATE ON THE PROGRESS OF YOUR PROJECTS