

SPECIAL PLASTIC PRODUCTS



Plastic products are characterised by dimensional changeability, chemical resistance, low weight, colour variability, and easy handling during their installations. Plastic materials are in common use and their lifetime significantly depends on the processing quality and product structural design.

ASIO, spol. s r.o. offers the manufacture of atypical, special plastic products according to the customer's specific requirements. Our experience with the production of all types of plastic products, tanks and components has a history longer twenty years. In this production, we are able to combine various processes and materials; for their processing and finishing we use professional machinery, including machining of plastic materials using the CNC technology. Our operators are regularly trained and they are holders of professional certificates in process engineering and (European) welding. Due to the relevant ISO system in place, the top quality production is guaranteed on a long-term basis.

Over a long period of time, we supply equipment complexes and operating facilities for industrial enterprises as well as single plastic components. Of course, there is also a possibility of supplying turnkey solutions, including design documents and design assessment in term of structural engineering.

The plastic products from our production

can bring the following advantages

- top-quality workmanship of processed materials,
- verified quality and tightness of welds,
- precise workmanship of details,
- product release inspection,
- high production capacity of our manufacturing plant enabling the production of very large assemblies,
- flexible production process, quick response to the customer's requirements.



Solutions we can offer

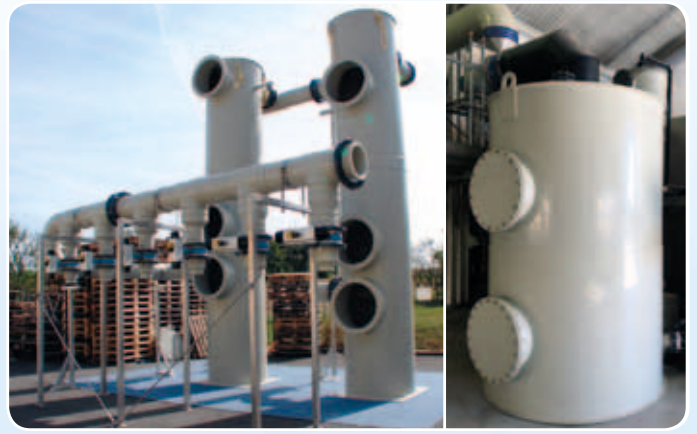
- processing of plastic materials: polypropylene, polyvinylchloride, polyethylene, etc.,
- CNC machining of plastic parts,
- production of chemically resistant structures and process units,
- underground and aboveground tanks,
- self-supporting (reinforced) tanks as well as tanks intended for concrete encasement,
- double-jacket tanks,
- possibility of thermal insulation of plastic tanks,
- external and internal reinforcing structures of tanks made of steel sections,
- structural evaluations of technical designs.



Polypropylene pickling line for a plating plant



Process unit for underground water decontamination



Scrubber



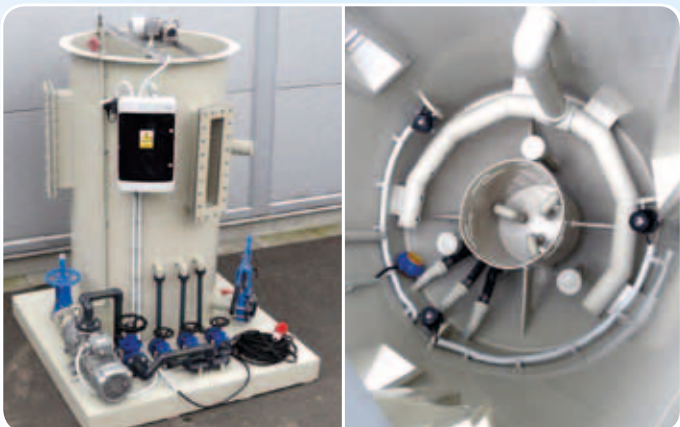
Aboveground tank



Plastic flanges - detailed view



AS-FLOT - Mobile Flotation Unit



AS-FLOT Flotation Unit



CNC machine tool