

## Customized stainless steel production



In order to improve qualitative and utility properties of water-treatment and watermanagement equipment made of plastic materials, we use stainless steel part at the most exposed places. Therefore, we have at our disposal own manufacturing programme of stainless steel products and we are prepared to offer such services even for interested parties from the private or research & academic sector.

**Apart from standardised parts, such as accessories for plastic equipment, we are able to supply even complete products upon request.**

In our company, the manufacture of stainless steel products has a long tradition. We pursue this objective intensively as early as from 1993, i.e. for almost 25 years. The manufacturing facilities are situated at Polešovice (near Uherské Hradiště).

### Standard parts

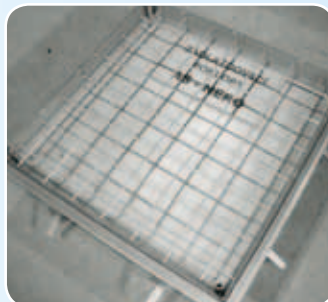
- ✓ Hinges and fittings
- ✓ Overflow edges
- ✓ Slide gates and shut-off valves
- ✓ Manhole covers and hatches
- ✓ Reinforcing frames
- ✓ Brackets
- ✓ Pipework parts, supports

### Other products

- ✓ Baffles
- ✓ Covers, troughs
- ✓ Steps, hangers
- ✓ Stairs, guardrails
- ✓ Grilles
- ✓ Handrails, vents
- ✓ Lifting davits

### Individual products

- ✓ Non-pressure angular tanks
- ✓ Non-pressure cylindrical tanks
- ✓ Non-standard tanks – other shapes
- ✓ Various types of separators
- ✓ Stripping columns
- ✓ Individual building-in members in tanks



#### QUALITY:

Standard quality of used stainless steel: DIN 1.4301 (however, other grades may be used as requested: chemically resistant, swimming-pool grade ...).

#### PROFICIENCY:

We have at our disposal ten full-time staff members with top qualifications and proactive approach to work tasks. The manufacturing plant is highly focused to the customer communication, processing and/or detailed specification of drawings.

#### ORIGINALITY:

Owing to the long-term experience in practice, we are able to design original products, however involving required technical properties.

#### RESPONSIBILITY:

We are mindful of our environment. We are trying to consume as little material as possible, which is also positively reflected in the prices of our products.



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## Manufacturing processes

**Cutting** - 440 by 440 mm hollow sections - normal cut, 390 by 390 mm - 450 cut

**Bending** - 160-ton edge bending machine at the bending length max. 3.000 mm, 3 mm thickness, individual evaluations of required bends

**Drilling** - pillar drilling machines up to 30 mm diameter

**Sheet roll bending** - up to 2.5 mm thickness and 1.500 mm length

**Section roll bending** - individual, up to max. diameter 60 mm

**Machining** - single-part production, journal 350 mm diameter, 700 mm length

**Milling** - single-part production

**Welding** - MIG, TIG, in protecting atmosphere, under-blowing

**Plasma cutting** - manually, up to the metal sheet thickness of 5 mm

**Pickling** - in a pickling section, size 5.000 by 5.000 mm



## Examples from the production

