



# WATER TANK



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## 1. Product

Water tank is an infrastructure object ranked to artificial accumulation tanks functioning as water reservoirs. The most appropriate and most frequently used shape is circular cylinder. The design adapts to the local conditions. Partially the tank is embedded in the terrain, the aboveground part protected by backfill. The tanks are often installed in pairs or triplets. Produced of plastics - PE/PP, reinforced from external side.

### Application

- ▶ drinking water accumulation
- ▶ capacity up to 200 m<sup>3</sup>
- ▶ valves and technology inside a valve shaft
- ▶ valve chamber and control system
- ▶ one or more water tanks

## 2. Principle

Water tanks comply to the technical and health protection standards referred to accumulation, water quality and operation.

### Types

- ▶ free standing on the terrain
- ▶ embedded underground
- ▶ reinforced roof and walls
- ▶ including inlet chimneys, covers, doors
- ▶ including shut-down valves
- ▶ including overflow and desludging
- ▶ including valve chamber and technical outfit
- ▶ including a chlorination



### 3. Advantages

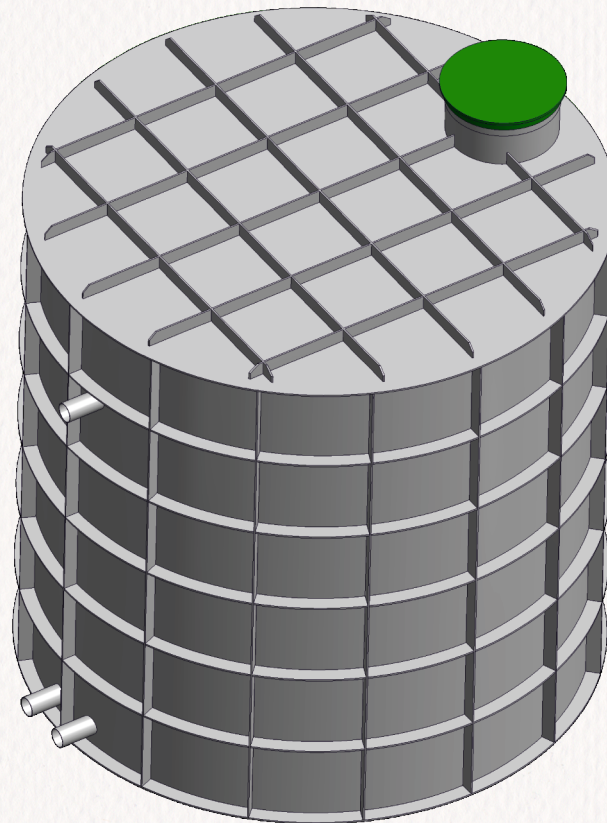
- ▶ material health safe, complies with Slovak technical standards
- ▶ guaranteed waterproofness
- ▶ long service life
- ▶ low weight
- ▶ easy maintenance
- ▶ various shapes

### 4. Type range

- ▶ single or double chamber
- ▶ customized, one chamber max volume 50 m<sup>3</sup>

### 5. Warranty

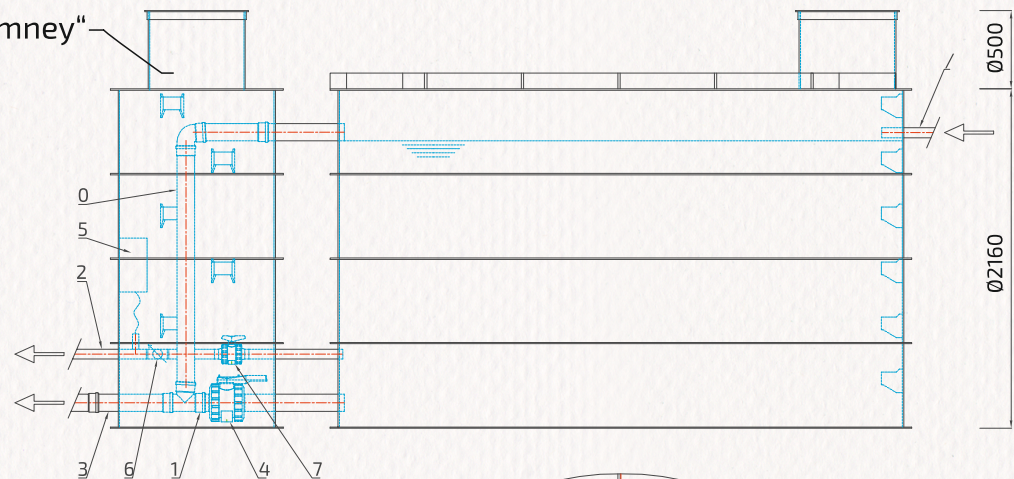
- ▶ warranty 2 years
- ▶ water tank quality complies with a customer's inquiry, technical standards and regulations along service life



Water tank with external reinforcement



Entry through a „chimney“

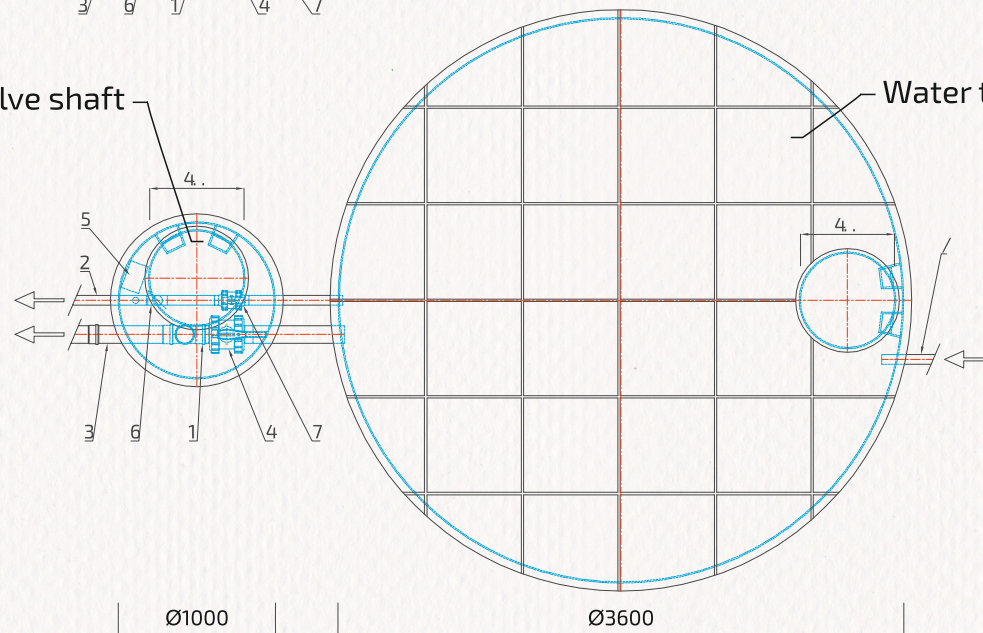


Valve shaft

Water tank

# **LEGEND**

- 1 INLET PIPING FROM ACCUMULATION TANK PE
- 2 OVERFLOW PIPING PVC
- 3 DISCHARGE PIPING PVC
- 4 PIPELINE TO CONSUMERS PE
- 5 JOINT DISCHARGE AND OVERFLOW PIPING
- 6 BALL VALVE DN 100
- 7 FLOW-BASED WATER DISINFECTION SYSTEM
- 8 WATER METER WITH PULSE TRANSMITTER
- 9 BALL VALVE DN 50







Water tanks of various shapes, rectangular, circular



# **PURE WATER**

## **FOR THE MANKIND**







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