

# Storage water tanks

(fire water, rainwater, drinking water, industrial)

## Technical specification:

### Underground single skin tank

- Manufactured in accordance with EN 12285-1 or with DIN 6608 or with individual project
- Tanks with a capacity from 5 m<sup>3</sup> to 120 m<sup>3</sup>
- Basic materials:
  - Carbon steel S235JR
  - Stainless steel 304
- Working pressure: max 0,5 bar
- Working temperature: from -20°C to +50°C
- Carbon steel surface gritblasting in grade Sa 2,5 acc. PN-ISO 8501-1 and external anticorrosive PUR coating protection resistant to puncture 10 kV/14 kV
- The inner surface of the carbon sheet optionally coated with epoxy paints resistant to water, for drinking water with NIH-approved.

### CE Certificate

### Aboveground single skin tank

- Manufactured in accordance with EN 12285-2 or with DIN 6616 or with individual project
- Tanks with a capacity from 5 m<sup>3</sup> to 120 m<sup>3</sup>
- Basic materials:
  - Carbon steel S235JR
  - Stainless steel 304
- Working pressure: max 0,5 bar
- Working temperature: from -20°C to +50°C
- Carbon steel surface gritblasting in grade Sa 2,5 acc. PN-ISO 8501-1 and external anticorrosion protection in C3 class or higher
- The inner surface of the carbon sheet optionally coated with epoxy paints resistant to water, for drinking water with NIH-approved.
- The possibility of insulation of the tank and the installation of heating systems - electric or coil pipe



Storage water underground tanks



Storage water aboveground tanks



## Purpose

### Water storage:

- fire water
- rainwater
- drinking water
- industrial



## Basic technical information

Volume	Diameter	TOTAL Length*	TOTAL WEIGHT Single skin
[m <sup>3</sup> ]	[mm]	[mm]	[kg]
10	2000	3700	1612
13	2000	4700	1918
16	2000	5700	2225
20	2000	6700	2532
25	2000	8700	3145
30	2000	10200	3656
35	2000	11700	4116
20	2500	4840	2591
25	2500	5840	2974
30	2500	6840	3358
40	2500	8840	4190
50	2500	10840	4956
60	2500	12840	5788
70	2500	14840	6574
40	2900	6950	4579
50	2900	8450	5432
60	2900	9950	6208
70	2900	11450	7003
80	2900	12950	7856
100	2900	15950	9408

## Characteristics of aboveground tanks manufactured by CGH Polska Sp. z o.o.

- Perfect tanks assembly to automatic production line of Heinrichgluck.
- Provide welds in the internal and external surface submerged arc welding methods using the highest quality welding materials.
- Abrasive grit-blasted to grade Sa 2,5 according to PN 8501-1.
- Non-destructive testing of welded joints.

\*Total length in tolerance to +/-1% according to norm

