

# Vertical tanks

## single and double skinned

### Quality

The production is certified under the DIN EN ISO 3834 and we have a quality management system according to ISO 9001.

Continuous inspection during production processes ensure the high quality level of our products.

With each tank we deliver a comprehensive documentation folder containing:

- Tank Certification / approval
- Manufacturing Report
- Pressure Test Report
- Material Specifications
- Drawing
- Test Report of surface treatment
- Guarantee



Standard vertical tank 50 m<sup>3</sup> diameter 2500 mm

### Technical data

Double skinned vertical steel tanks from CGH are manufactured under the EN norms with a volume between 5 to 100 m<sup>3</sup>. Special sizes can be offered on request.

Double skinned horizontal tanks are made of two layers of steel and the interstitial space is monitored by a leak-detection system.

The tanks are designed for flammable and hazardous liquids, typically for oil and petrol products. For storage of chemical products the tanks will be coated inside or can be made from INOX steel.

The outside corrosion protection and paint is according to corrosivity category C3 (M) up to C5 M. With the tank we can supply accessories such as:

- ladders and platforms with railing
- inside and outside pipes
- heating systems
- insulation



Special tank 51 m<sup>3</sup> diameter 3200 mm

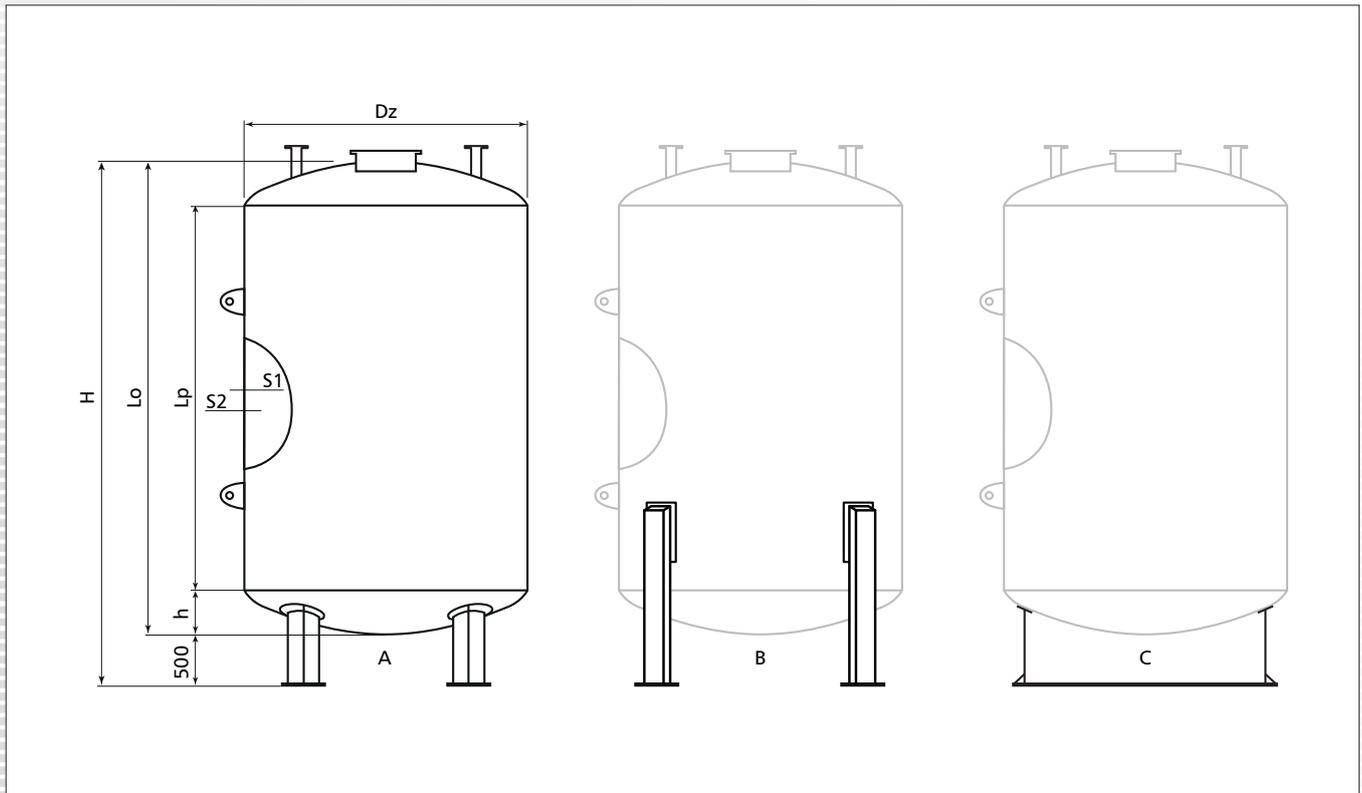
- Short delivery times
- High Quality – ISO 9001 certified
- Modern production equipment
- Competitive prices
- Strong partner
- Wide range of accessories

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### Measurements



#### Options:

1. 3 types of supports according to the customer's needs – as shown on the drawings A, B, C
2. Heating coils, heating cables
3. Thermal insulation
4. Platform, ladder

#### Measures & weights (ca.)

Volume		Diameter		Length of shell		Total height		Inner shell thk		Outer shell thk		Height of dish ends		Weight: single wall 1 chamber	Weight: double wall 1 chamber	Manhole
V	[m <sup>3</sup> ]	Dz	[mm]	Lp	[mm]	H	[mm]	S1	[mm]	S2	[mm]	h	[mm]	kg	kg	[mm]
5		1600		2500		3540		5		3		270		973	1305	600
7		1600		3300		4340		5		3		270		1137	1555	600
10		1600		5000		6040		5		3		270		1487	2089	600
13		1600		6500		7540		5		3		270		1793	2555	600
16		2000		5000		6160		6		3		330		2316	3119	600
20		2000		6150		7310		6		3		330		2744	3712	600
25		2000		8000		9160		6		3		330		3310	4539	600
30		2500		6000		7300		7		4		400		4008	5601	600
40		2500		8000		9300		7		4		400		4905	6952	600
50		2900		7500		8900		9		4		450		6946	9226	600
60		2900		9000		10400		9		4		450		7947	10623	600
80		2900		12000		13400		9		4		450		10354	13818	600
100		2900		15000		16400		9		4		450		12351	16618	600

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