



Snosko Dual Wall Tank

Features + Order Form

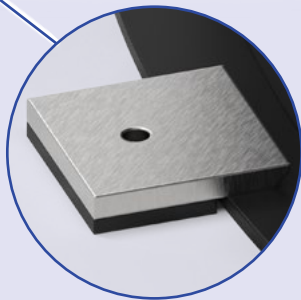
A plug and play multi-role tank system

Load, store and unload chemicals

snosko.com

Snösco Dual Wall Tank Features

Snösco Dual Walled Tanks are designed to meet industry standards and requirements for the storage of corrosive chemicals.

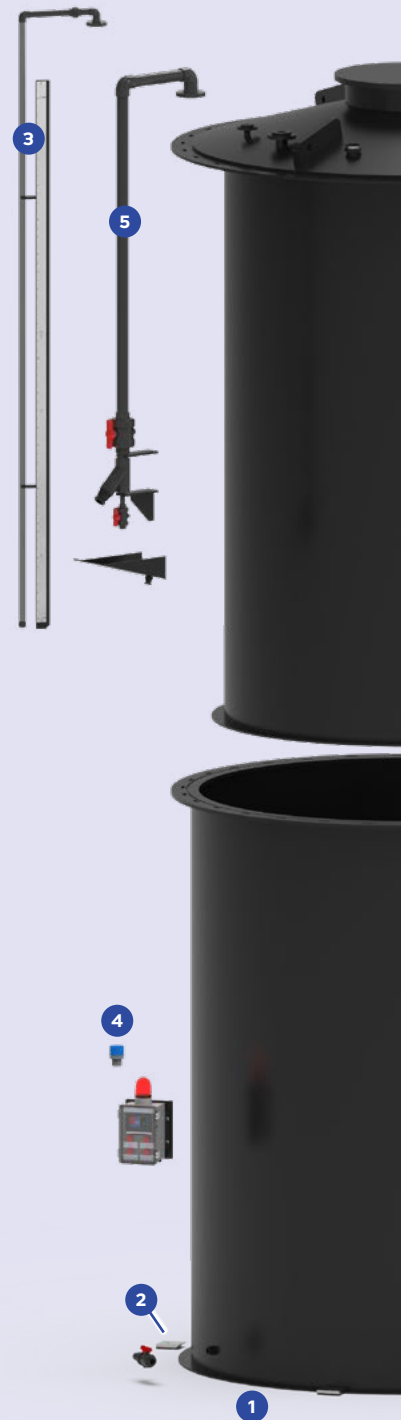


Rated anchor claws
(for wind and earthquake)

- Manufactured from corrosion resistant engineered plastics.
- Inner and outer walls designed to be lifted as one or separately.
- Expansion devices are fitted at the wall nozzles ensure stress due to thermal expansion and chemical attack is reduced.
- Sloping and conical bottoms are available as per request to allow for full drainage of the medium inside.
- Designed to be fully disassembled for maintenance and inspection.
- Engineering drawings are provided for review and approval prior to manufacture.
- Available with a range of customisations, making them ideal for ANY workplace involved with corrosive chemicals.
- Designed to suit Australian operating environments for ambient temperatures, wind, and earthquake loading. This includes rated lifting lugs and rated hold down points.



Rated lifting plates



Specifications

Dual Wall Tank

- Capacities from 4,200L to 42,600L
- Sheet, nozzles and welding rod all made from the homogenous grade material
- Designed as per DVS guidelines
- All tanks hydrotested prior to dispatch
- All lifting devices labelled with SWLs

- Hold down points rated to specified earthquake and wind conditions
- Vents designed as per API2000

Material

- All wetted components to be thermoplastic (HDPE grade PE100, PP-H, U-PVC)
- All steel components to be stainless steel grade 316

- All dual wall seals to be EPDM (Viton/FKM/FPM can be supplied on request)

Installation Standards

The Snosco Dual Wall Tank can form part of a compliant solution with reference to the standards listed.

Note that there are items beyond the scope of the tank system which end users need to put in place to ensure the overall system is compliant with these standards.

- AS1170 – Structural design actions
- AS3780 – The storage and handling of corrosive substances
- AS1319 – Safety signs for the occupational environment
- AS1657 – Fixed platforms, walkways, stairways & ladders

Snösko Dual Wall Tank

Order Form

Chemical Specifications

Name

Concentration %

Operating Temperature °C

Internal Pressure kPa

Leave blank if vented to atmosphere

Maximum flow rate in/out L/hr

allows for the vent to be sized as per API2000

Tank Size Required^{2,3} – Flat bottomed tank

1.7 SG grade	
Suitable for up to:	
<ul style="list-style-type: none"> 37% HCl 50% NaOH 78% H₂SO₄ 	
Hypo grade ¹	
Suitable for up to:	
13% NaOCl ₂	

Grade	
1.7	Hypo ¹
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>

Volume (L ⁴)	Internal Diameter (mm)	Overall Diameter (mm)	Cylinder Height (mm)	Overall Height (mm)
3,800	1,561	2,073	2,000	≈2,350
5,700	1,551	2,075	3,000	≈3,350
10,000	2,060	2,590	3,000	≈3,400
14,000	2,435	2,975	3,000	≈3,450
19,700	2,890	3,450	3,000	≈3,500
28,000	3,450	4,020	3,000	≈3,600
35,300	3,870	4,450	3,000	≈3,650
42,600	3,780	4,380	3,800	≈4,450

Nozzles and Access Hatch Requirements

Select the types and quantities required⁵

Nozzle Size	Nozzle style			
	Galvanised Flange ^{5,6}	316SS Flange ^{5,6}	Plastic Flange ^{5,6}	FBSP/MBSP spigot
Inner tank wall nozzles				
d20 (0.5") – d110 (4")	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Outer tank wall and roof nozzles				
d20 (0.5") – d50 (1.5")	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
d63 (2") – d110 (4")	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
d125 (5") – d160 (6")	<input type="text"/>	<input type="text"/>	<input type="text"/>	N/A
d180 (6") – d250 (10")	<input type="text"/>	<input type="text"/>	<input type="text"/>	N/A
d280 (10") – d355 (14")	<input type="text"/>	<input type="text"/>	N/A	N/A
d400 (16") – d500 (20")	<input type="text"/>	<input type="text"/>	N/A	N/A
d250 – d600 Flanged roof manhole	N/A	N/A	<input type="text"/>	N/A
d250 – d600 Threaded roof inspection hatch	N/A	N/A	<input type="text"/>	N/A

¹ Sodium hypochlorite can cause stress cracks based on operating specifications, please contact Snosko for further information.

² The sizes listed are for ambient temperatures with Region A wind loads. Region B, C and D are also available, please contact Snosko for further information.

³ Custom dimensions are available, please contact Snosko for further information.

⁴ Nozzle placement and base style (flat, sloping, and conical) will reduce the effective volume of the tank.

⁵ Gaskets and bolts are not supplied unless otherwise stated.

⁶ Flanged nozzles to have ANSI150 flange patterns (with exception of man-holes). Alternate styles can be provided on request.

Optional tank components

Select any combination from the following with a ✓ or a ✗.

1 Base style⁴

Circle required style Incline angle

2 Anchor Plates

For wind and seismic loading

3 Mechanical level indicator (dual contained)

See Level Sensor Information Form for options.

4 Ultrasonic level sensor with visual display

See Level Sensor Information Form for options

5 Fill pipe

With isolation valve, drain valve and drip collector (2 inch)

6 Ultrasonic bund leak detection switch with visual display

Not shown, powered by a 230v supply

7 Roof access platform

Not shown for clarity

8 Mounted dosing cabinet (Not shown for clarity)

See Dosing Panel Form for options

9 Acid mist separator (Not shown)

Maximum inflow rate

Additional Requirements

Additional items can be added as per request, please provide details.

Please fill and send to info@snosko.com

If you require assistance filling out this form, or have any queries feel free to call +61 (0)431 042 890 or visit snosko.com



Snosko is the market leader in the design and supply of chemical dual containment systems.

snosko.com