

## DOUBLE WALL TANK UNLINED - 30 M<sup>3</sup>

### IDEAL USAGE

Projects that require storage of liquids at maximum safety in environmentally sensitive locations

### APPLICATIONS

More specific storage applications of hazardous liquids at environmentally sensitive job sites:

- Storage of liquids with a higher concentration of solvents and aromatics
- Storage of liquids at higher temperatures



### WEIGHT AND MEASURES

<b>Capacity:</b>	31,000 litres (nominal) 29,500 litres (95% filling capacity) or 31,000 kg
<b>Height:</b>	3,581 mm (service) 2,697 mm (transport)
<b>Width:</b>	2,550 mm (overall)
<b>Length:</b>	7,450 mm (overall, including hook)
<b>Weight:</b>	7,500 kg empty (approx.)
<b>Max temperature:</b>	70 °C (NBR)* – 100 °C (EPDM) (depending on gasket)

\* NBR material is standard. EPDM/VITON/PTFE are optional materials

### FEATURES

<b>Valves:</b>	4" ball valve inside 10" containment shell (part of interstitial area) at front (x1)
<b>Relief valve:</b>	Cast aluminum thief hatch, NBR gasket, pressure setting 17 mbar, vacuum setting 1.7 mbar (x1)
<b>Interstitial drains:</b>	1" threaded flange with ball valve; one on lower wall front (x1) and one on rear lower wall (x1) ¾" threaded flange (blinded) on rear top wall (x1)
<b>Dip pipe connections:</b>	4" pipe (filling x1, emptying x1) (SS 316L) with flanged connections on top; bottom of pipe approximately 9.2" (233 mm) from deflector plate on floor and 2.5" (63 mm) from floor (x1)
<b>Misc. pipe connections:</b>	4" ANSI 150# blinded flange for vapor recovery on top (x1) 6" ANSI 150# thread flange for level gauging device on top (x1)
<b>Access:</b>	1,014 mm x 814 mm hatch with safety restriction bars on roof deck in center of tank (x1) Stairway to access top deck at front (x1)
<b>Inspection &amp; cleaning:</b>	8" ANSI 150# blinded flange for inspection & cleaning on top (x1)
<b>Guardrails:</b>	Along top deck, stairway and access landing, fold-down round tubing (patent design)

### CONSTRUCTION

<b>Outer floor:</b>	4 mm S235 carbon steel
<b>Inner floor:</b>	6 mm S235 carbon steel
<b>Outer skin (sides/ends):</b>	4 mm S235 carbon steel
<b>Inner skin (sides/ends):</b>	6 mm S235 carbon steel
<b>Wall frame:</b>	IPE 100, S355 carbon steel galvanized
<b>Top deck:</b>	5 mm S235 carbon steel
<b>Top frame:</b>	50 mm x 50 mm x 5 mm angle profile, S235 carbon steel

### TRANSPORT

<b>Hookloader:</b>	Hook adjustable to different EU standards: 1.57 m and 1.43 m roller wheels at rear to allow easy sliding on the ground (x1)
<b>Cable lifting:</b>	Frame equipped with connections for cable lifting system
<b>Corner casting / BDF system:</b>	Corner castings at bottom of frame at 20" size for twist lock connection fit for BDF transport system
<b>Lifting:</b>	Lifting eyes on top of frame (lift only when empty) (x4)

### SURFACE DETAILS

<b>Exterior coating:</b>	Weather and chemical resistant high gloss polyurethane finish (green)
<b>Interior coating:</b>	None

### QUALITY AND SAFETY



- Quality control inspections level 1, 2 & 3 on a scheduled basis
- Interstitial space is tested
- Hydrostatic water test after construction and major repairs
- TÜV NORD: Production inspected
  - Design voluntary tested under DIN 6625
  - By manufacturer AD 2000-HP 0
- TÜV NORD: Tank meets the requirements of § 62 Abs. 1 & 2 WHG

