



## SEPARATOR TANK UNLINED WITH COIL - 70 M<sup>3</sup>

### IDEAL USAGE

Projects that require temperature regulated separation of liquid phases at large volumes

### APPLICATIONS

- Separation of insoluble phases at higher temperatures than ambient or during wintertime
- Temporary integrated production tank with multiple connections
- Recovery of recyclable products

## WEIGHT AND MEASURES

|  |   |
|--|---|
| Capacity:  | 70,000 litres or 70,000 kg                            |
| Height:  | 3,810 mm (service)<br>3,960 mm (transport)            |
| Width:   | 2,505 mm (overall)                                    |
| Length:  | 12,728 mm (service)<br>11,210 mm (transport)          |
| Weight:  | 12,500 kg empty (approx.)                             |
| Max temperature:   | 70 °C (NBR)* - 100 °C (EPDM)<br>(depending on gasket) |
| * NBR material is standard. EPDM and Viton are optional at extra charge. |   |

## FEATURES

|                         |  |
|-------------------------|--|
| Valves:                 | 6" ANSI 150# drain front (x1)<br>4" ANSI 150# drain rear (x1)  |
| Draw ports:             | 4" ANSI 150# blinded flanges liquid draw ports front (positions H / M / L- x3)   |
| Relief valve:           | Cast aluminum thief hatch, NBR gasket, pressure setting 17 mbar, vacuum setting 1.7 mbar   |
| Misc. pipe connections: | 4" ANSI 150# blinded flange for vapor recovery or top fill on top (x1)<br>4" ANSI 150# blinded flange spare inlet / outlet front (x1)<br>6" ANSI 150# thread flange for level gauging device on top (x1)<br>3" ANSI 150# blinded flanges for coil front (x2) |
| Access:                 | 600 mm hinged manway; NBR gasket on side (x1)<br>Stairway to access landing front (x1)   |
| Inspection & cleaning:  | 600 mm hinged manways with restriction bars; NBR gasket on top (x2)  |
| Guardrails:             | Along stairway and access landing  |
| Tires:                  | 275/70 R22.5 (doubles)   |
| Suspension:             | Air suspension for easy on-site tank movement  |
| Heating coil:           | 3" (88.9 x 5.5 mm) steel pipe in continuous serpentine layout; pressure rated to 12 bar; sloped for easy drainage<br>Outside heating surface of 7 m <sup>2</sup><br>Design temperature is 190 °C   |

## CONSTRUCTION

|              |   |
|--------------|---|
| Floor:       | 6 mm S235 carbon steel, "V" bottom sloping from each side to center |
| Floor frame: | Longitudinal beams with flat plate cross bracing between beams      |
| Wall:        | 6 mm S235 carbon steel  |
| Wall frame:  | 150 mm x 80 mm x 6 mm c-channel, S355 carbon steel                  |
| Top deck:    | 6 mm S235 carbon steel  |
| Top frame:   | 150 mm x 80 mm x 6 mm c-channel, S355 carbon steel                  |

## SURFACE DETAILS

|                   |   |
|-------------------|---|
| Exterior coating: | Weather and chemical resistant high gloss polyurethane finish (green) |
| Interior coating: | None  |

## QUALITY AND SAFETY



- Approved for road transport throughout the EU
- Quality control inspections Level 1, 2 & 3 on a scheduled basis
- Hydrostatic water test after construction and major repairs
- TÜV NORD: Production inspected
  - Design voluntary tested under DIN 6625
  - By manufacturer AD 2000-HP 0