



# BLOC DUAL FLUID TANKS

## Compatibility



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**Unity Fuel Solutions' Dual Fluid Tanks are the best solution for the storage and dispensing of Diesel and Diesel Engine Fluid (DEF) - from 660 to 1,189 gallons.**

They offer a flexible, safe and integrated dual fluid storage solution and streamline your fuel dispensing and management. A practical design ensures a fast, easy and convenient installation in any location, indoors or outdoors.

**BLOC DEF TANKS OFFER A FAST, EASY AND CONVENIENT DUAL FLUID STORAGE SOLUTION.**

These mobile and modular units ensure fast and easy transportation to site, are easily relocatable and require minimal site works or preparation. A place-fill-and-pump installation process offering versatility and speed on commissioning.

The freestanding design allows for 360° tank viewing and inspection. External steel tank shell and internal stainless steel DEF tank construction with an internal thermal insulation and high-grade paint finish ensures longer durability of both tank and product in the elements.

Our double-walled tanks are designed as integral secondary containment and therefore do not require independent bunds for leak containment. Double-walled tank = SFL primary tank + interstitial space + secondary external tank.



## STANDARD FEATURES

- Meets UL-142, ULC-S601-14 and UN-31-A/Y compliance as standard.
- Double-walled tank construction consists of an inner 5mm primary diesel tank with 3mm outer secondary steel tank.
- DEF tank constructed from grade 304 stainless steel and lined with thermal insulation barrier.
- Baffled internally to reduce product movement should the unit be moved with contents.\*
- Both tank manways accessible and removable for internal tank maintenance and cleaning.
- Diesel manway - Recessed spill box/pump cabinet with pump mounting bracket.
- DEF manway - Easy access for pumping equipment.
- Both tank manways housed under heavy duty lockable lid for additional fuel security.
- Sectional cut-outs on sides of manway spill box to allow flexible hoses/pipework to external requirements (i.e: generators).
- Curved roof feature for water drainage to top of tank.\*
- Diesel tank complete with aluminium gauged dipsticks, 1 x galvanized updraft vent breather system and multiple port fittings.
- DEF tank has provision for tank gauges and pressure vacuum vents.
- Air pressure tested prior to leaving our factory. Mobile and modular design allows for ease of transportation.
- 250-300 Micron thickness 'WHITE' paint finish as standard.
- DEF and combustible liquid safety labels and decals supplied as standard.
- Forklift pockets and certified tie down/lifting points at each corner.

\*Conditions apply. Some features standard, some optional extras, depending on product range. Custom colours, coatings, dimensions and refuelling equipment packages are available upon request.



Call Loftin Toll Free: **(800) 822-3078**

Discover more at [loftinequip.com](http://loftinequip.com)

# BLOC DUAL FLUID TANK SPECIFICATIONS

Dimensions and volumes are nominal only. Alternative capacities available upon request.

MODEL	DIESEL SFL US Gallons (Litres)	DIESEL CAPACITY US Gallons (Litres)	DEF SFL US Gallons (Litres)	DEF CAPACITY US Gallons (Litres)	LENGTH Inches (mm)	WIDTH Inches (mm)	HEIGHT Inches (mm)	TARE LBS (kg)	BAFFLE
<b>BLOC 2500 DF</b>	578 (2,190)	610 (2,310)	60 (230)	64 (245)	90 (2,274)	66 (1,674)	52 (1,309)	3,020 (1,370)	YES
<b>BLOC 4500 DF</b>	1,043 (3,950)	1,109 (4,200)	110 (420)	117 (442)	109 (2,774)	90 (2,274)	52 (1,309)	4,233 (1,920)	YES

Large volume single fluid DEF storage tanks available upon request. Check with UNITY FUEL SOLUTIONS on specifications. Remember to check with local authorities for compliance. Dimensions and volumes are nominal only. Alternative capacities available upon request.



DEF Manway:  
Recessed Spill Box Area  
*\*Layout may change with product evolution.*

Diesel Tank Manway:  
Recessed Spill Box Area  
*\*Layout may change with product evolution.*

## DEF MANWAY (INSIDE LID)

- 2 x 1" Spare Ports (NPT)
- 1 x 1.5" Spare Ports (NPT)
- 1 x 1" Probe Ports (NPT)
- 1 x 2" Suction Ports (NPT)
- 1 x 2" Fill Point
- 1 x 1.5" Gauge Point
- 1 x 2" Vent Port (BSP)
- 1 x 2" Spare Socket (NPT)

## EXTERIOR OF TANK

- 2 x 2" Interstitial Dip / Vent
- 1 x 2" Suction Port (BSP)
- 1 x 4" Submersible Pump Provision (BSP & NPT)
- Forklift pockets, certified tie down/lifting points at each corner.
- Tanks can be stacked 4 high empty and 2 high full.

## DIESEL MANWAY

- 1 x 2" Fill Point
- 1 x 2" Dip Point
- 2 x 2" Suction Ports (BSP & NPT)
- 2 x 2" Return Ports (BSP & NPT)
- 2 x 1" Suction Ports (BSP & NPT)
- 2 x 1" Return Ports (BSP & NPT)

Official Distributor  
**UNITY FUEL SOLUTIONS**

**LOFTIN**   
POWER AS A CERTAINTY

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