

# Tank Fuel

## TF5-110%

Steel Tank for Storage and Dispensing of Diesel



At Emiliana Serbatoi, we offer a wide range of high-quality storage and dispensing fuel tanks designed to meet the unique needs of various industries. Our durable tanks ensure the safe and secure storage of fuel, with options available in different sizes and capacities to accommodate personal and commercial requirements. With features such as pumps, dispensers, gauges, and hose lengths, our tanks provide efficient and safe fuel storage and dispensing solutions. Choose from various designs, including open type, canopy, and Secure, for added safety options. Trust Emiliana Serbatoi for reliable storage and dispensing tanks.



#### SPECIFICATION

**Material:** Carbon steel (S235JR). **Construction:** Watertight, electro-welded. **Surface treatment:** Sandblasted and oven-baked powder-coated, according to UNI EN 10025.

**Rust protection:** Primed with an anti-rust layer and finished with green paint.

**Support:** Four anti-roll support legs.

**Pressure testing:** Tank is pressure-tested.

**Manhole:** Diameter of 400mm with a gasket and bolted cover, thickness of 10mm.

**Filling:** 3-inch lockable filling quick plug.

**Overfill prevention:** Mechanical overfill prevention valve calibrated to interrupt fuel flow at 90% of tank's geometric capacity.

**Ventilation:** Vent device with a flame arrestor mesh positioned 240 cm from the ground.

**Float operation:** Mechanical float-operated tank.

**Contents gauge:** Features planetary gear and adjustable scale in centimetres.

**Connection:** Suction and return plugs ready for connection to a generator or other equipment. Suction line includes foot valve and strainer.

**Drainage:** Drainage point with safety cap for routine maintenance and cleaning.

**Safety:** Earthing and equipotential connection.

**Suction point:** Equipped with check valve and ball valve.

Equipped with a nonslip platform and handrail.

#### CONTAINMENT BASIN

The containment basin holds 110% of the tank's volume.

Made of carbon steel.

**Rust protection:** Primed with an anti-rust layer and finished with green paint.

The self-supporting base frame is designed to be bolted to the tank.

Tank can be placed on any type of surface.

Provided with lifting plates, earth connection point, rain plug for routine maintenance and cleaning.

A galvanized roof can be fitted to the basin.

#### FUEL TRANSFER UNIT

Self-priming vane electro Devil 70P pump. Flow rate: 70 litres per minute. Built-in bypass valve and strainer.

**Pump voltage:** 230 volts, 50Hz.

**Automatic fuel nozzle:** PA60.

**Fuel meter K33.**

**Diesel level indicator.**

**Antistatic rubber hose, 4 meters in length.**

**ES diesel filter.**

Dispensing cabinet – Switch board contained in a dedicated IP55 protection box, on/off emergency button, and a minimum level pump shut off device.

#### CAPACITY

TF5-110% with a volume of 4922 litres.

#### DIMENSIONS

TF5-110% Tank: Diameter 1900mm, Length 1800mm. Basin: Length 3200mm, Width 1850mm, Height 1000mm.

#### OPTIONAL ROOF

The roof system is designed to provide protection against various weather conditions.

#### DOCUMENTS & CERTIFICATIONS

User and Maintenance Manual.

Fuel Pressure Testing Certificate.

The Calibration Table.





## Contact Us

**Darren:**

+27 83 250 8481 | [darren@emilianaserbatoi.co.za](mailto:darren@emilianaserbatoi.co.za)

**Mathew:**

+27 83 973 1378 | [mathew@emilianaserbatoi.co.za](mailto:mathew@emilianaserbatoi.co.za)

**Address:**

11 Voyager Street, Linbro Park, Sandton, Gauteng,  
South Africa, 2065

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