

Blue1 Ecoline



The Blue1 Ecoline is specially engineered for the fleet owner to fill up the AdBlue of their new SCR vehicle in a:

Fast, Easy, Controlled, User-friendly, Safe, ... way

The Blue 1 Eco-line is a 1.000L to 15.000L installation which is very user- and maintenance friendly to ensure the continuation of your tanking operations.

This solution, which offers an optimal combination between price and quality, is engineered and built according to the highest quality standards, to make sure that your AdBlue keeps its 100% purity.



Product Specifications

- Plug and play
- Bunded
- Volume 1000L to 15000L
- Stainless Steel Piping
- Hose reel 8m
- DDC-coupling
- Submersible Pump 40L/min
- Dry run security
- Heating
- Elaflex Nozzle
- Level gauge + indication
- Counter
- Litre display
- Overfill protection
- Connection to fuel management possible
- Telemetry (option)
- DIBT (option)
- KIWA (option)

Principle:

The housing is built up out of insulated fibreglass reinforced sandwich elements and is divided into 2 compartments:

- Compartment 1 is completely liquid tight and acts as a bund
- Compartment 2 is the technical compartment in which the unit can be serviced and filled up. The dispensing unit is integrated into this compartment.

The temperature inside the unit is constantly controlled to ensure the operational temperature of the AdBlue.

Filling up the unit:

The unit can be filled up through the door at the side of the unit which gives access to the technical compartment of the installation. The Dry Disconnect Coupling makes sure that all deliveries will occur without leakage and on the other hand the overfill prevention will make sure that an overfill off the unit is impossible.

Filling up the SCR vehicle:

The unit is standard equipped with a hose retraction system with a hose length of 8m and an Elaflex nozzle which is mounted behind an insulated stainless steel door. A counter with display is standard foreseen on the unit. The unit can be equipped for double sided dispensing.

Connection to fuel management system:

The unit can be connected to all kinds of fuel management systems.

Level indication:

The volume inside the unit is constantly monitored and is shown on a display.

Piping:

All piping is 16 bar approved and is always in Stainless Steel.

VISUALIZE YOUR VOLUMES

Measuring and monitoring in real time is an essential tool in a world of short global communication lines. Therefore Blue1 developed a complete telemetry system which covers hardware, communication and visualization.

ONE PARTNER FOR:

- Hardware
- Communication
- Web based backoffice
- Installation, maintenance and service

NO SOFTWARE INSTALLATION

ONE SIMCARD WITH WORLD COVERAGE

PROVEN TECHNOLOGIE

REAL TIME DATA CONVERTED TO VALUE ADDED INFORMATION

STATE OF THE ART HIGH END BACKOFFICE AND USER INTERFACE



The system enables you to keep track of all the volumes in your AdBlue tanks



Product data specifications Blue1 Ecoline

	Volume	Net. Volume	Length	Width	Height	Kg
Dimensions	1000L	950 L	2.010 mm	860 mm	2.100mm	450 kg
	1500L	1 350 L	2.010 mm	860 mm	2.100mm	500 kg
	2000L	1 825 L	2.560 mm	860 mm	2.100mm	640 kg
	3000L-S	2 750 L	2.820 mm	990 mm	2.320 mm	700 kg
	3000L	2 750 L	2.860 mm	1.170 mm	2.320 mm	700 kg
	4000L	3 750 L	2.860 mm	1.170 mm	2.320 mm	700 kg
	5000L	4 300 L	3.220 mm	1.530 mm	2.350 mm	750 kg
	7500L	6 500 L	4.570 mm	1.530 mm	2.400 mm	980 kg
	10000L	8 700 L	5.920 mm	1.530 mm	2.400 mm	1.250 kg
	15000L	13 000 L	9.260 mm	1.530 mm	2.450 mm	1.875 kg
Housing	Insulated sandwich panels integrated in fibreglass structure and acts as a bund, colour: standard white					
Tank	Single walled / polyethylene / installed in compartment 1					
Door	Nozzle behind insulated stainless steel door					
Nozzle	Elaflex nozzle					
Hose	8m brand Blue1					
Hose retraction	Hose reel 8m					
Flow rate	Between 30 and 40L/min or between 5 and 10L/min for light vehicles					
Pump	Submersible pump 1000W					
Heating	Anti freeze heating 1000W / 2000W					
Piping	Stainless Steel 16 bar approved					
Filling point	In technical compartment (2) / Dry Disconnect Coupling					
Volume Display	Intelligent display with user information 240x640 pixels with LED backlight					
Level Sensor	4-20 mA					
Level indicator	digital					
Overfill protection	Fafnir plug / active overfill alarm with reset button (optional)					
Leak detection	Sensor in bunded area to detect leakage off primary tank or overfill (optional)					
Power supply	1x230 VAC, 16 A, 3x2,5mm ² , for non hazardous area					
Telemetry	optional					

