

# Blue1 Eco-line



*The Blue1 Eco-line 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
- Balancer 5m (8m option)
- 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 balancing retraction system with a hose length of 5 m 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	Length	Width	Height	Kg
<b>Dimensions</b>	1000L	2.010 mm	860 mm	2.000mm	450 kg
	1500L	2.010 mm	860 mm	2.000mm	500 kg
	2000L	2.250 mm	860 mm	2.000mm	640 kg
	3000L-S	2.820 mm	990 mm	2.320 mm	700 kg
	3000L	2.860 mm	1.170 mm	2.320 mm	700 kg
	4000L	2.860 mm	1.170 mm	2.320 mm	700 kg
	5000L	3.370 mm	1.530 mm	2.317 mm	750 kg
	7500L	4.600mm	1.530 mm	2.317mm	980 kg
	10000L	5.820mm	1.530 mm	2.317mm	1.250 kg
	15000L	9.260 mm	1.530 mm	2.450 mm	1.875 kg
<b>Housing</b>	Insulated sandwich panels integrated in fibreglass structure and acts as a bund, colour: standard white				
<b>Tank</b>	Single walled / polyethylene / installed in compartment 1				
<b>Door</b>	Nozzle behind insulated stainless steel door				
<b>Nozzle</b>	Elaflex nozzle				
<b>Hose</b>	5m hose in combination with balancer (brand Blue1, 8m optional in combination with hose reel)				
<b>Hose retraction</b>	Balancing system with 5m hose (hose reel 8m as an option)				
<b>Flow rate</b>	Between 30 and 40L/min or between 5 and 10L/min for light vehicles				
<b>Pump</b>	Submersible pump 1000W				
<b>Heating</b>	Anti freeze heating 1000W / 2000W				
<b>Piping</b>	Stainless Steel 16 bar approved				
<b>Filling point</b>	In technical compartment (2) / Dry Disconnect Coupling				
<b>Volume Display</b>	Intelligent display with user information 240x640 pixels with LED backlight				
<b>Level Sensor</b>	4-20 mA				
<b>Level indicator</b>	digital				
<b>Overfill protection</b>	Fafnir plug / active overfill alarm with reset button (optional)				
<b>Leak detection</b>	Sensor in banded area to detect leakage off primary tank or overfill (optional)				
<b>Power supply</b>	1x230 VAC, 16 A, 3x2,5mm <sup>2</sup> , for non hazardous area				
<b>Telemetry</b>	optional				

