

BlueMaster® AdBlue® Energy Storage Solutions



About Kingspan

Kingspan Group

The Kingspan Group is a dynamic, diverse business, with a global reach, a comprehensive portfolio of products for the built environment, and an ambition to become the world's leading provider of energy saving building systems.

There are five operational divisions within the Group: Insulated Panels, Insulation, Environmental, Light & Air and Access Floors.

Today the Group operates from 101 manufacturing sites around the globe, sells in more than 93 countries and employs more than 10,000 people worldwide.

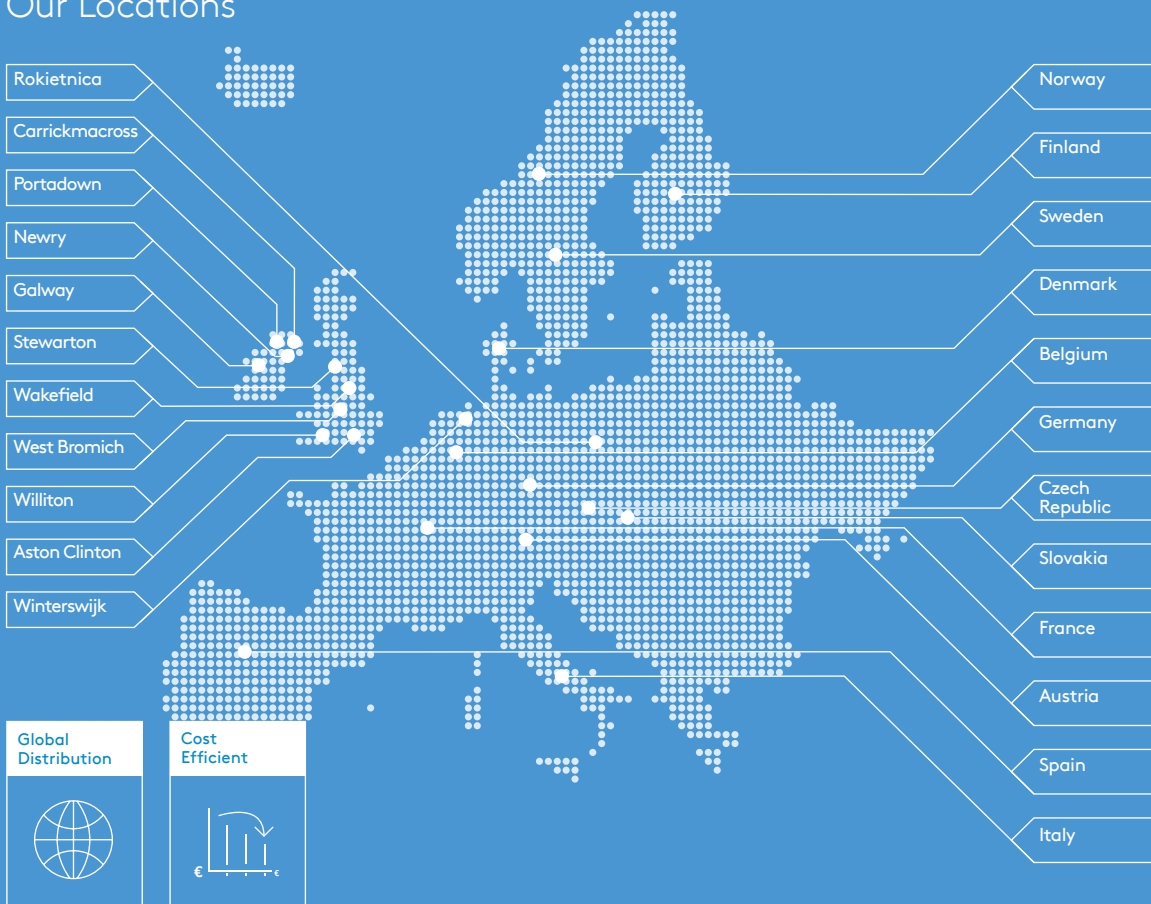
The Kingspan Group offers a global distribution network of experienced sales and technical teams who provide a full range of focused customer service including delivery scheduling, consultancy and installation guidance.

Environmental Storage Solutions

For over 40 years, Kingspan has designed and manufactured innovative ways to store, dispense and protect AdBlue®, diesel and oil. We pioneered the world's first environmentally responsible bunded tank – leading change in our sector and setting industry standards around the world.

As established global market leaders, our diverse range of innovative and environmentally responsible steel and plastic storage solutions offer dispensing and management systems in capacities ranging from 200 to 100,000 litres – ideal for a wide variety of industrial, agricultural, road haulage, mining, manufacturing, and construction applications.

Our Locations



Experience and Know-how

The design of our Kingspan Titan BlueMaster® range is based on our wealth of industry experience and knowledge, enabling us to bring to market one of the most reliable and robust AdBlue® Storage systems available.

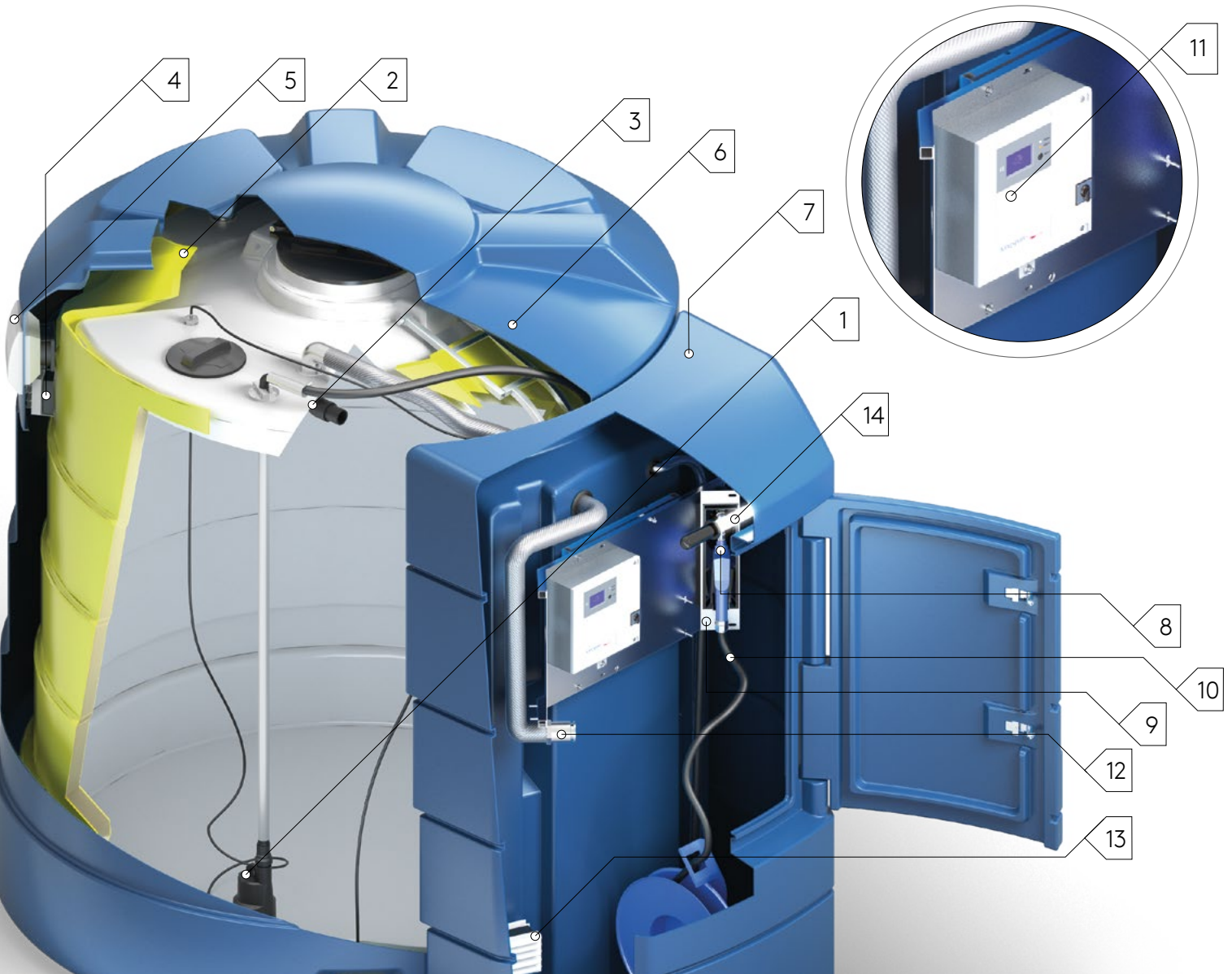
Kingspan Environmental have designed and manufactured innovative ways to responsibly store, dispense and manage AdBlue®. Our bulk storage solutions and multiple management options offer a strong return on investment and provide the necessary level of control needed for all businesses. Every BlueMaster® product ensures AdBlue® purity is maintained at all times and is designed to comply with national and international regulations as well as all industry standards.

Kingspan BlueMaster® tanks are available from 2500 to 9000 litres, and offering a broad range of management and monitoring solutions, BlueMaster® gives our customers a quality cost-saving and compliant AdBlue® storage solution.



Intelligent AdBlue® Storage and Dispensing Solutions

Available from 2500-9000 litres



Tank Dimensions




The product dimensions can vary from +/- 1%.



BM2500



Capacity	2500 Liters
Length	2460 mm
Width	1460 mm
Height	1860 mm

Modern design	40-year experience	Tank warranty*
		

BlueMaster® and BlueMaster PRO® bunded tanks are designed for the storage, distribution and protection of AdBlue®.

Kingspan BlueMaster® tanks ensure your AdBlue® remains pure for the lifetime in the tank protecting your assets and the environment. This is accomplished in three ways:

Closed fluid path

Manufacturers of AdBlue® agree that the closed controlled systems, like those found in Kingspan BlueMaster® tanks, rigorously maintain AdBlue® purity.

Manufacturing and material compliance

All BlueMaster® tanks conform to the highest manufacturing and material compliance standards (ISO 22241, DIBT, BS EN ISO 9001:2008) to deal with the chemical characteristics of AdBlue®.

Expertise & knowledge

Kingspan are experts who have engineered and manufactured liquid storage solutions for over 40 years. During the past 10 years we have worked with AdBlue® producers to create one of the safest and most environmentally responsible storage solutions available.

QUALITY

› Quality product and quality service ensure absolute peace of mind. With Kingspan your AdBlue® purity and your vehicles are protected.

RETURN ON INVESTMENT

› Onsite bulk storage means you, as an AdBlue® distributor, benefit from better logistical planning and fleet owners can purchase larger volumes - saving everyone time and money.

SERVICE

› Exceptional customer service is our top priority which is why we offer full technical and aftersales support, a trustworthy guarantee and fast delivery times.

Product Specification

1. Submersible Pump
2. Insulation around inner tank
3. TMS Overfill Alarm (Probe Not Shown)
4. Heating in bund
5. Ventilation in Bund
6. Double Skin Tank
7. Housing
8. Piusi Automatic Nozzle
9. Nozzle Holder with Automatic Pump On/Off Switch
10. 6M EPDM Hose
11. TMS Standard
12. 2" Dry Coupling Filling Connection
13. Heating in Housing
14. Light

* 10- year tank and 2- year parts guaranteee.

BM4000



Capacity	4000 Liters
Length	3900 mm
Width	1150 mm
Height	2340 mm

BM5000



Capacity	5000 Liters
Length	2850 mm
Width	2250 mm
Height	2350 mm

BM9000



Capacity	9000 Liters
Length	3280 mm
Width	2450 mm
Height	2950 mm

BlueMaster®

The standard BlueMaster® offering comes in two versions of specification types



Because not all users and markets require a fully integrated tank monitoring system. Our essential equipment offering varies depending on market requirements but typically offers:

- Digital Flowmeter,
- Submersible Pump,
- Automatic Nozzle,
- Leak Detection Alarm,
- Clock level indicator,
- Overfill Alarm.

For more demanding Customers we offer tank equipped with Tank Monitoring System (TMS).

TMS offers the following key features:

- Power supply for system devices,
- LCD display,
- Leak detection alarm,
- Overfill alarm,
- Flow measurement - via external flowmeter,
- Contents measurement - via pressure sensor.

Specification 1

- Double skinned tank
- TMS Standard
- Insulation around tank
- Heating in housing and/or bund & ventilation in bund
- 2" SS dry coupling filling connection
- Submersible pump
- Nozzle holder with automatic pump on/off switch
- 6 m EPDM Hose (4 m for 2500 L tank)
- PIUSI automatic nozzle
- Housing (Large on 5000L)
- Light in housing

Specification 26

- Double skin tank
- TMS Standard
- Extreme climate pack (heating tape & insulation)
- Heating in housing and/or bund & ventilation in bund
- Submersible pump
- Nozzle holder with automatic pump on/off switch
- 6 m EPDM Hose (4 m for 2500 L tank)
- Housing (Large on 5000 L)
- PIUSI Automatic nozzle
- 2" SS dry coupling filling connection
- Light in Housing

Specification 12

- Double skin tank
- TMS Standard
- Extreme climate pack (heating tape & insulation)
- Heating in housing and/or bund & ventilation in bund
- Submersible pump
- Nozzle holder with automatic pump on/off switch
- 6 m EPDM Hose (4 m for 2500 L tank)
- Housing (Large on 5000 L)
- ELAFLEX ZVA Automatic nozzle
- 2" SS dry coupling filling connection
- Light in Housing

Specification 16

- Double skin tank Kingspan Logo
- TMS Standard
- Extreme climate pack (heating tape & insulation)
- Heating in housing and/or bund & ventilation in bund
- Submersible pump
- Nozzle holder with automatic pump on/off switch
- 6 m EPDM Hose (4 m for 2500 L tank)
- Housing (Large on 5000 L)
- ELAFLEX ZVA Automatic nozzle
- 2" SS dry coupling filling connection
- Light in housing
- Hose Reel with brake

Specification 11

- Double skin tank
- Clock type level indicator
- Heating in housing and/or bund
- Submersible pump
- Nozzle holder - no switch
- 6 m EPDM Hose (4 m for 2500 L tank)
- Housing (Small)
- PIUSI automatic nozzle
- 2" SS dry coupling filling connection
- GOK Overfill alarm

Specification 29

- Double skin tank
- Extreme climate pack (heating tape & insulation)
- Heating in housing
- Submersible pump
- Nozzle holder - no switch
- 6 m EPDM Hose (4 m for 2500 L tank)
- Housing (Large on 5000 L)
- PIUSI Automatic nozzle
- 2" SS dry coupling filling connection (Todo)
- PIUSI K24 flowmeter
- Clock type level indicator



Specification DUO

BlueMaster® Duo with TMS system

- Double skin tank
- TMS Standard
- Heating in housing and/or bund & ventilation in bund
- Insulation on inner tank
- Submersible pump
- 2 x nozzle holder with automatic pump on/off switch
- 2 x 4 meter EPDM hose
- Housing (Large on 5000 L)
- PIUSI A60 automatic nozzle
- Elaflex ZVA Passenger Car Nozzle
- 2" filling connection
- Digital flowmeter with level pressure probe & pulse output

BlueMaster PRO®

Titan Access

The management of stored and dispensed AdBlue® for up to 20,000 users

The Access Management System supports comprehensive AdBlue® management activities by metering intra-company AdBlue® station's tank levels and volumes dispensed. The system provides complete control over distributed and stored AdBlue® from the moment of delivery to the time of use.

Key features:

- User access management: registration of the amount of AdBlue® issued for each user or vehicle.
- Authorisation via RFID Cards.
- Checking the location of the tank with built-in GPS.
- Visibility and management of tank and driver access, GSM or WIFI access.
- Built-in alarms: overfill and leak.
- Large range of reports and management information automatically exported to MS Office programmes.
- Access TMS monitoring system.
- Live streaming of data with online access and control 24/7.
- Monitors database of 20,000 users.
- Measures the temperature of the liquid in the tank.

Specification PRO 1

- Double skinned tank
- TMS Access
- Extreme climate pack (heating tape & insulation)
- Heating in housing and/or bund & ventilation in bund
- 2" SS dry coupling filling connection
- Submersible pump
- Nozzle holder with automatic pump on/off switch
- 6 m EPDM Hose (4 m for 2500 L tank)
- PIUSI automatic nozzle
- Light in housing
- Housing (large on 5000 L)
- XTrack user management system

Specification PRO 13

- Double skin tank
- TMS Standard
- Extreme climate pack (heating tape & insulation)
- Heating in housing and/or bund & ventilation in bund
- Submersible pump
- Nozzle holder with automatic pump on/off switch
- 6 m EPDM Hose (4 m for 2500 L tank)
- Housing (Large on 5000 L)
- ELAFLEX ZVA Automatic nozzle
- 2" SS dry coupling filling connection
- Light in Housing
- PIUSI Multi User System

Specification PRO 27

- Double skin tank
- TMS Standard
- Extreme climate pack (heating tape & insulation)
- Heating in housing and/or bund & ventilation in bund
- Submersible pump
- Nozzle holder with automatic pump on/off switch
- 6 m EPDM Hose (4 m for 2500 L tank)
- Housing (Large on 5000 L)
- PIUSI Automatic nozzle
- 2" SS dry coupling filling connection
- Light in Housing
- PIUSI Multi User System



Capacities & coding:

Capacity/ Code	PRO Spec 1	PRO Spec 13	PRO Spec 27	Spec 1	Spec 26	Spec 12	Spec 16	Spec 11	Spec 29	DUO Spec
2500 L	0010011	0010341	0010561	0010051	0010551	0010331	0010251	0010321	0010581	0010511
4000 L	0010013	0010343	0010563	0010053	0010553	0010333	0010253	0010323	0010583	-
5000 L	0010014	0010344	0010564	0010054	0010554	0010334	0010254	0010324	0010584	0010514
9000 L	0010015	0010345	0010565	0010055	0010555	0010335	0010255	0010325	0010585	0010515

Visit www.kingspan.com to learn more about our products and services in over 40 countries.

UK

kingspan.co.uk
tankinfo@kingspan.co.uk

Ireland

kingspan.ie
tankinfo@kingspan.ie

Netherlands

kingspan.nl
tank@kingspan.nl

Sweden

kingspan.se
tank@kingspan.se

Poland

kingspan.pl
zbiorniki@kingspan.pl

France

kingspan.fr
cuve@kingspan.fr

Belgium

kingspan.be
info@kingspan-env.be

Germany

kingspan.de
tank@kingspan.de

Czech Republic

kingspan.cz
nadrze@kingspan.cz

Finlandia

kingspan.fi
tankinfo@kingspan.com

Global Head Office:

180 Gilford Road
Portadown
Co. Armagh
BT63 5LF United Kingdom
Tel.: +44 (0) 28 3836 4444

European Office:

ul. Topolowa 5
62-090 Rokietnica
Poland
Tel: +48 61 814 44 00

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