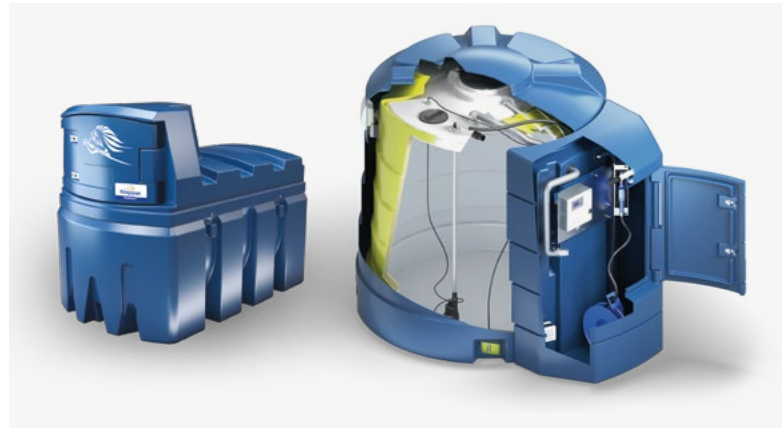


Energy Management Solutions
AdBlue® Storage and Dispensing

BlueMaster® AdBlue® Energy Storage Solutions



kingspanenergymanagement.com



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, Water & Energy, Light & Air and Access Floors. Today the Group operates from over 150 manufacturing sites around the globe, sells in more than 70 countries and employs more than 15,000 people worldwide.

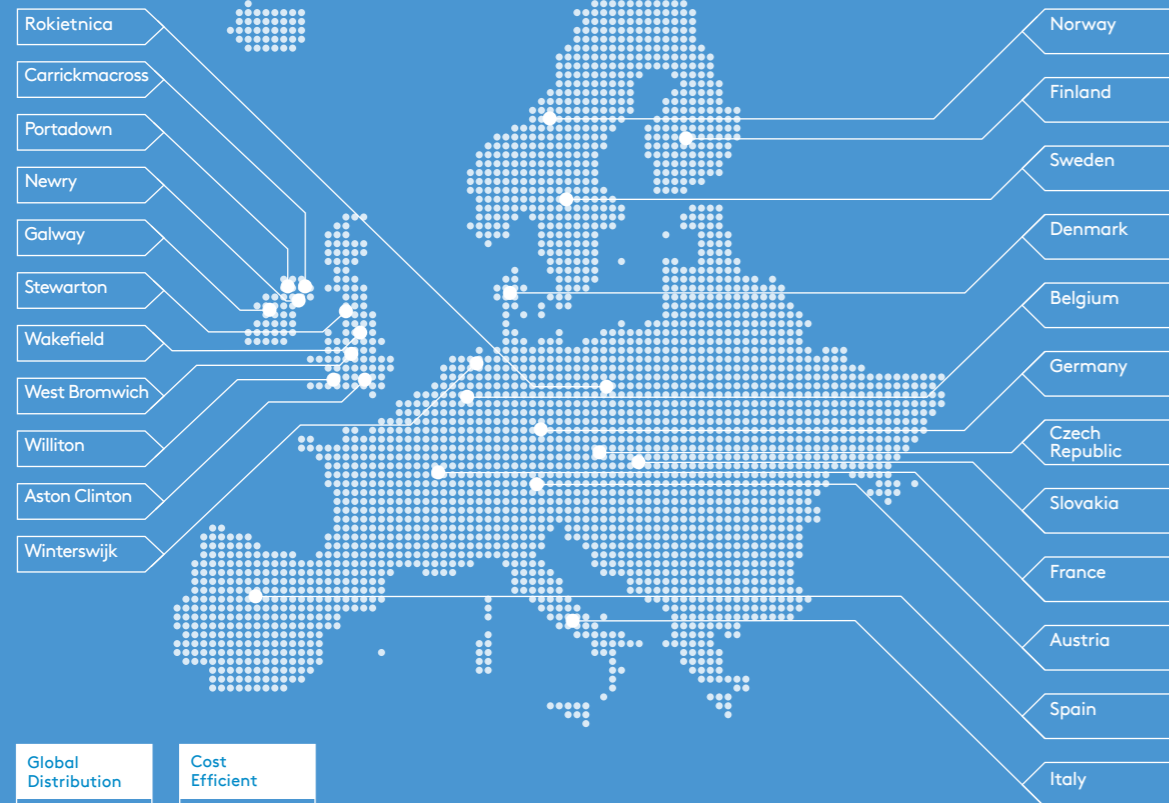
The Kingspan Group offers a global distribution network of experienced sales and technical teams who provide a full range of focused customer service including delivery scheduling, consultancy and installation guidance.

Kingspan Water & Energy 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



Global Distribution

Cost Efficient

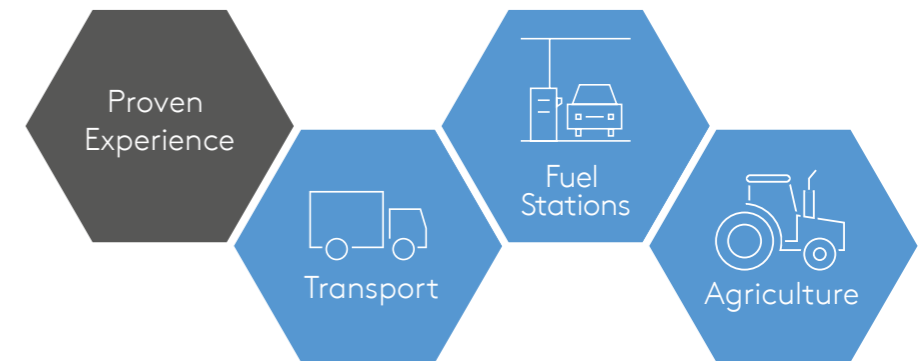
Experience and Know-how

The design of our Kingspan 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 Water & Energy 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.

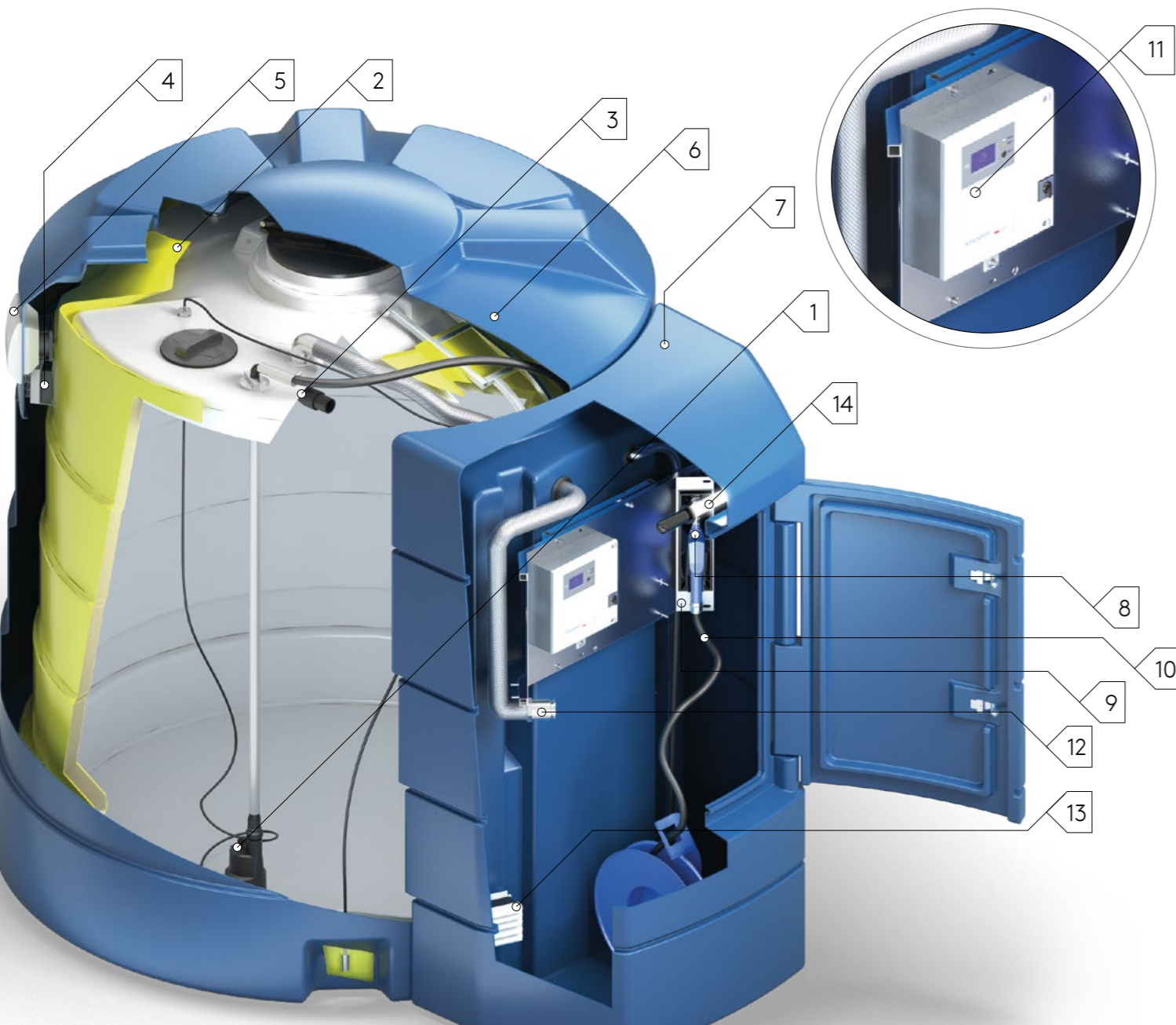
Every BlueMaster® product ensures AdBlue® purity is maintained at all times and is designed to comply with national and international regulations as well as all industry standards.

Kingspan BlueMaster® tanks are available from 1,200 to 9,000 litres, and offering a broad range of management and monitoring solutions, BlueMaster® gives our customers a quality cost-saving and compliant AdBlue® storage solution.

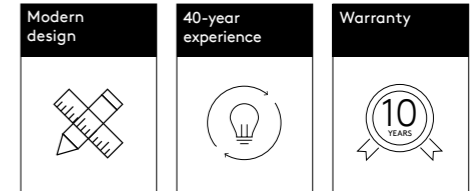


Intelligent AdBlue® Storage and Dispensing Solutions

Available from 1,200 to 9,000 Litres



BlueMaster®



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

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. 6 m EPDM hose
11. TMS Standard
12. 2" stainless steel dry coupling filling connection
13. Heating in housing
14. Light

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 9001:2015) to deal with the chemical characteristics of AdBlue®.

Expertise & Knowledge

Kingspan has over 40 years' expert experience in the engineering and manufacturing of liquid storage solutions. Over 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.

WARRANTY

- 10-year tank and 2-year parts guarantee.

Tank Dimensions

All dimensions are approximate. The dimensions may vary due to manufacturing process variations and/or environmental conditions.

BM1200	
Capacity	1,200 litres
Length	1900 mm
Width	1240 mm
Height	1790 mm

BM2500	
Capacity	2,500 litres
Length	2460 mm
Width	1460 mm
Height	1860 mm

BM4000	
Capacity	4,000 litres
Length	3900 mm
Width	1150 mm
Height	2340 mm

BM5000	
Capacity	5,000 litres
Length	2850 mm
Width	2250 mm
Height	2350 mm

BM9000	
Capacity	9,000 litres
Length	3280 mm
Width	2450 mm
Height	2950 mm

BlueMaster®

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.

Specification 1*

BlueMaster® Standard with TMS system

- > Double skinned tank
- > TMS Standard
- > Heating in housing and/or bund
- > Ventilation
- > Submersible pump
- > Nozzle holder with automatic pump on/off switch
- > 6 m EPDM hose (4 m for 2,500 L tank)
- > 2" SS dry coupling filling connection
- > PIUSI automatic nozzle
- > Housing (Large on 5,000 L)
- > Light in housing

Specification 16

BlueMaster® Standard with TMS system, ELAFLEX ZVA automatic nozzle and hose reel with brake

- > 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
- > Hose Reel with brake

* available only in Denmark



For more demanding Customers we offer tank equipped with Tank Monitoring System (TMS). TMS offers the following key features:

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

Specification 11*

BlueMaster® Standard with overfill alarm

- > 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 26

BlueMaster® Standard with TMS system and climate pack

- > 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

BlueMaster® Standard with TMS system and ELAFLEX ZVA automatic nozzle

- > 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 29

BlueMaster® Standard with PIUSI K24 flowmeter

- > 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



Capacities and Coding:

Capacity/Code	PRO Spec 1	PRO Spec 13	PRO Spec 27	Spec 1	Spec 11	Spec 12	Spec 16	Spec 26	Spec 29
1,200 L	-	-	-	0010050	0010320	0010330	0010250	0010550	0010580
2,500 L	-	-	-	0010051	0010321	0010331	0010251	0010551	0010581
4,000 L	0010013	0010343	0010563	0010053	0010323	0010333	0010253	0010553	0010583
5,000 L	0010014	0010344	0010564	0010054	0010324	0010334	0010254	0010554	0010584
9,000 L	0010015	0010345	0010565	0010055	0010325	0010335	0010255	0010555	0010585

BlueMaster® PRO

Kingspan Access management system

The Kingspan 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.

Specification PRO 1

BlueMaster® PRO with Kingspan Access management system

- > Double skinned tank
- > 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)
- > Kingspan Access management system



BlueMaster® PRO

with PIUSI Multi User System

Specification PRO 13

BlueMaster® PRO with PIUSI Multi User System and ELAFLEX ZVA Automatic nozzle

- > 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

BlueMaster® PRO with PIUSI Multi User System and PIUSI Automatic nozzle

- > 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

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 Wi-Fi access
- Monitors database of 20,000 users
- Built-in alarms: overfill and leak
- Live streaming of data with online access and control 24/7
- Access to data from any places with internet access via GSM / Wi-Fi
- Large range of reports and management information automatically exported to MS Office programmes
- Measures the temperature of the liquid in the tank

Contact details

Visit kingspanenergymanagement.com to learn more about our products and services in over 40 countries. For local information on the BlueMaster® AdBlue® Storage and Dispensing Solutions please contact:

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