BlueMaster - 2500 - 9000 Litres

AdBlue® STORAGE & DISPENSING

The **BlueMaster** and **BlueMaster PRO** bunded Storage Systems offer the Ultimate AdBlue Storage Solutions. Our tanks offer many features and come with ten equipment specifications detailed on page 10.

All AdBlue tanks come doubled skinned for environmental protection and to safeguard against contamination.

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. Each is backed by excellent technical and customer service support and a 10-year tank guarantee*.

Authorised Distributors of

Kingspan.

*(10 year tank and 2 year parts guarantee)

The BlueMaster PRO is available in four specification types and offers two levels of system management for advanced users requiring regulated and managed solutions.

BlueMaster PRO with TITAN Access Mgt. System

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.

The Access Management System comes as standard with the Access Tank Monitoring System (ATMS) and provides essential information such as leak detection, heating and cooling management and if required the extreme climate pack control.

* Available in equipment specification 1 and 3.
  See page 10 for more information.

Key Features
- Measures the temperature of the liquid in the tank.
- Built in alerts
- Monitors database of 20,000 users
- Authorisation via RFID Cards
- Live streaming of data with online access and control 24/7
- Visibility and management of tank and driver access, GSM or WIFI access
- Large range reports and management information automatically exported to MS office programmes
- Options available to meet specific market approvals i.e DiBt
- Access Tank Monitoring System (ATMS)

BlueMaster PRO with Commercial Mgt. System

COMPLIANT WITH MEASUREMENT INSTRUMENTS DIRECTIVE (MID)

Permitted for point of sale use, the commercial management system is compliant with the Measurement Instruments Directive (MID) 80/181/ EEC for commercial businesses who need a weights and measures approved dispensing solution.

The Commercial Management System comes as standard with the Commercial Tank Monitoring System (CTMS) and provides additional important information including tank levels display, overfill and leak detection, heating and cooling management and if required the extreme climate pack control.

* Available in equipment specification 2 and 4.
  See page 10 for more information.

Key features
- The Panel is made from Stainless steel, ensures no contamination of AdBlue
- Lockable panel for security
- Separate access for dispensing and access to closed fill point
- Easy to use with large information display
- Validated with industry standard communication protocols for point of sale applications
- Service queries responded to within 12 hours, service engineer onsite within 48 hours
- Fully equipped with delivery hose and reel
- Options available to meet specific market approvals ie DiBt
- Commercial Tank Monitoring System (CTMS)

BlueMaster®

The Standard BlueMaster offering comes in six specification types, three of which include Tank Monitoring from our Kingspan Sensor range.

BlueMaster®
STANDARD

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

* Available in equipment specification 7, 8 & 10.
  See page 10 for more information.
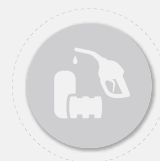
BlueMaster®
STANDARD
With Tank Monitoring System

KINGSPAN SENSOR TANK MONITORING SYSTEM (TMS)

The Tank Monitoring System when fitted to the BlueMatser Standard tank offers the following key features:

• Power supply for system devices
• LCD display
• Pump on/off control via nozzle holder switch
• Control of heating and ventilation
• Leak detection alarm
• Overfill alarm
• Flow measurement - via external flowmeter
• Contents mea surement - via pressure sensor
• Nozzle position indication
• Housing light control
• 4-20 mA output
• 100 impulse/litre output

* Available in equipment specification 5, 6 & 9. See page 10 for more information.
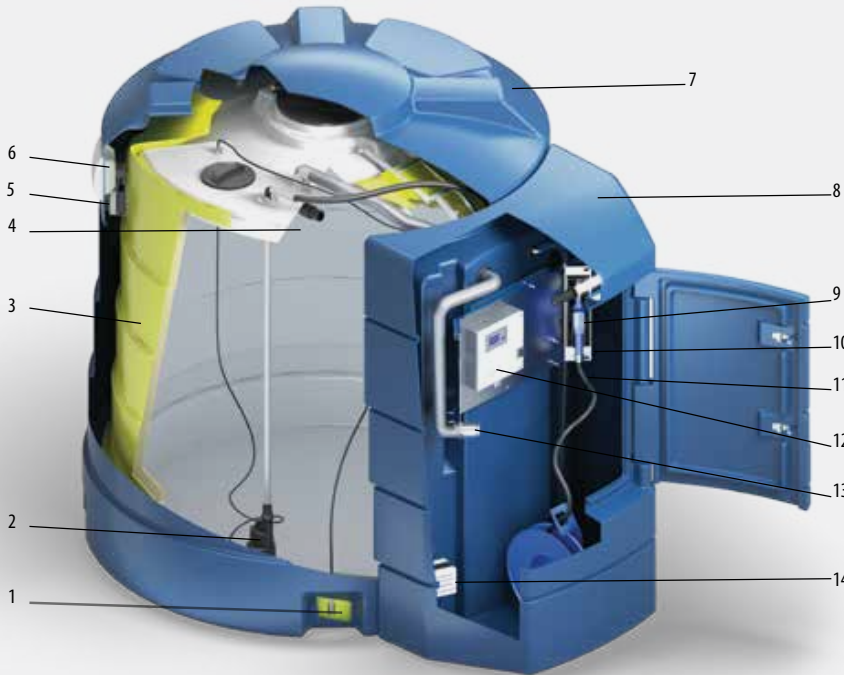
BlueMaster®

TYPICAL EQUIPMENT SPECIFICATION

Equipment Specification 5*

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

*see page 10

(Hose Reel not available in Equipment Specification 5)

TANK DIMENSIONS

	MODEL	CAPACITY	LENGTH	WIDTH	HEIGHT
	2500 ltrs	2500 ltrs (550 Gals)	2460mm	1460mm	1860mm
	4000 ltrs	4000 ltrs (880 Gals)	3900mm	1150mm	2340mm
	5000 ltrs	5000 ltrs (1100 Gals)	2850mm	2250mm	2350mm
	9000 ltrs	9000 ltrs (1980 Gals)	3280mm	2450mm	2950mm

*All table dimensions are approximate.

SPECIFICATION SELECTOR

BlueMaster PRO®

SPECIFICATION TYPE	EQUIPMENT SPECIFICATION 1	EQUIPMENT SPECIFICATION 2	EQUIPMENT SPECIFICATION 3	EQUIPMENT SPECIFICATION 4
MONITORING AND MANAGEMENT OPTIONS	TITAN ACCESS MGT SYSTEM	COMMERCIAL MGT SYSTEM	TITAN ACCESS MGT SYSTEM	COMMERCIAL MGT SYSTEM
EQUIPMENT				
Double Skinned Tank	•	•	•	•
Housing (large on 5000L)	•	•	•	•
Commercial TMS		•		•
Access TMS	•		•	
Heating in Housing and / or Bund	•	•	•	•
Ventilation in Bund	•	•	•	•
*Extreme Climate Pack (heating tape & insulation)	•	•	•	•
2" Dry Coupling Filling Connection	•	•	•	•
Submersible Pump	•	•	•	•
6m EPDM Hose (4m EPDM Hose on 2500 L tank)	•	•	•	•
PIUSI Automatic Nozzle	•		•	
Elaflex Automatic Nozzle		•		•
Nozzle Holder with Automatic Pump On/Off Switch	•	•	•	•
Light in Housing	•	•	•	•
Hose Reel		•	•	•
Commercial Management System		•		•
Titan Access Management System	•		•	
TMS Overfill Alarm	•	•		
TMS Leak Detection Alarm	•	•		
Overfill Alarm			•	•
Leak Detection Alarm			•	•
Tank Capacities	2500 1 - 0010011 4000 1 - 0010013 5000 1 - 0010014 9000 1 - 0010015	4000 1 - 0010023 5000 1 - 0010024 9000 1 - 0010025	4000 1 - 0010033 5000 1 - 0010034 9000 1 - 0010035	4000 1 - 0010043 5000 1 - 0010044 9000 1 - 0010045

*Also available without Extreme Climate Pack

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SPECIFICATION TYPE	EQUIPMENT SPECIFICATION 1	EQUIPMENT SPECIFICATION 2	EQUIPMENT SPECIFICATION 3	EQUIPMENT SPECIFICATION 4	EQUIPMENT SPECIFICATION 5	EQUIPMENT SPECIFICATION 6
MONITORING AND MANAGEMENT OPTIONS	TMS DISPENSING	TMS DISPENSING	DISPENSING SYSTEM	DISPENSING SYSTEM	TMS DISPENSING	DISPENSING SYSTEM
EQUIPMENT						
Double Skinned Tank	•	•	•	•	•	•
Housing (large on 5000L)	•	•		•	•	
Housing (small on 5000L)			•			•
Standard TMS	•	•			•	
Heating in Housing and /or Bund	•	•	•		•	•
Ventilation in Bund	•	•	•		•	•
Insulation around Inner Tank	•					•
2" Dry Coupling Filling Connection	•	•	•	•	•	•
Submersible Pump	•	•	•	•	•	•
6m EPDM Hose (4m EPDM Hose on 2500 L tank)	•	•	•	•	•	•
PIUSI Automatic Nozzle	•	•	•	•	•	•
Nozzle Holder with automatic Pump on/off Switch	•	•			•	
Nozzle Holder			•	•		•
Light in Housing	•		•	•		•
Clock type Level Indicator			•	•		•
PIUSI K24 Digital Flowmeter			•	•		•
Hose Reel		•		•		
TMS Overfill Alarm	•				•	
TMS Leak Detection Alarm	•				•	
Overfill Alarm		•	•	•		•
Leak Detection Alarm		•	•	•		•
Tank Capacities	2500 1 - 0010051 4000 1 - 0010053 5000 1 - 0010054 9000 1 - 0010055	2500 1 - 0010061 4000 1 - 0010063 5000 1 - 0010064 9000 1 - 0010065	2500 1 - 0010071 4000 1 - 0010073 5000 1 - 0010074 9000 1 - 0010075	2500 1 - 0010081 4000 1 - 0010083 5000 1 - 0010084 9000 1 - 0010085	2500 1 - 0010091 4000 1 - 0010093 5000 1 - 0010094 9000 1 - 0010095	2500 1 - 0010101 4000 1 - 0010103 5000 1 - 0010104 9000 1 - 0010105