

Fuel Proof[®]

PRODUCT GUIDE

BULK DIESEL TANKS - HORIZONTAL

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THE ULTIMATE FUEL STORAGE SOLUTION



HORIZONTAL BULK DIESEL TANK WITH GALVANISED ACCESS PLATFORM



ROLLER SHUTTER DOOR OPTION ALSO AVAILABLE



FULL-HEIGHT LOCKABLE CABINET FOR EASY ACCESS TO DISPENSING EQUIPMENT AND TANK CONNECTIONS



HIGH SECURITY STEEL DOOR FEATURES CONCEALED HINGES AND HEAVY-DUTY SLIDING LOCK BOLT TO KEEP FUEL SAFE AND SECURE



AVAILABLE WITH A WIDE RANGE OF DISPENSING EQUIPMENT INCLUDING FUEL MANAGEMENT AND COMBINED ALARM SYSTEMS

KEY FEATURES

- ▶ All-steel construction for unbeatable security and durability
- ▶ 110% bunded & fully compliant with current environmental regulations
- ▶ Available with advanced management systems for total fuel control
- ▶ Full-height cabinet for easy access to fuel dispensing equipment
- ▶ Self-supporting design for low cost and fast installation
- ▶ Unique external overflow prevention system for safe tank filling
- ▶ Electrical connection panel for easy connection to mains power supply
- ▶ Shot-blasted and finished in 2-pack polyurethane paint
- ▶ 15-year tank warranty for peace of mind

PRODUCT CODES

CAPACITY		CODE
		ROLLER SHUTTER DOOR / STEEL DOOR OPTION
5,000 LITRE	(1,098 GALLON)	0220 / 0221
7,500 LITRE	(1,648 GALLON)	0225 / 0226
10,000 LITRE	(2,200 GALLON)	0227 / 0228
15,000 LITRE	(3,300 GALLON)	0232 / 0233
22,500 LITRE	(5,000 GALLON)	0240 / 0241
27,500 LITRE	(6,000 GALLON)	0244 / 0245
32,000 LITRE	(7,000 GALLON)	0247 / 0248
42,000 LITRE	(9,230 GALLON)	0273 / 0276
50,000 LITRE	(10,990 GALLON)	0274 / 0277
60,000 LITRE	(13,185 GALLON)	0278 / 0279

STANDARD COLOURS:

ANTHRACITE GREY
RAL7016

020

DEEP BRONZE GREEN
BS381C/224

060

FOR FUEL DISPENSING OPTIONS
PLEASE SEE BELOW

TECHNICAL DETAILS

TANK CAPACITY	LENGTH (MM)	WIDTH (MM)	HEIGHT (MM)	EMPTY WEIGHT (KG)	FULL WEIGHT (KG)	MAX. HOSE LENGTH (M)	CABINET DEPTH (MM)	STEEL THICKNESS INNER TANK (MM)	STEEL THICKNESS OUTER TANK (MM)
5,000 LITRES (1,098 GALLONS)	3,147	2,079	2,169	1,834	6,087	30	981	4	4
7,500 LITRES (1,648 GALLONS)	4,137	2,079	2,169	2,187	8,646	30	964	4	4
10,000 LITRES (2,200 GALLONS)	4,137	2,339	2,416	2,638	11,175	30	964	4	4
15,000 LITRES (3,300 GALLONS)	5,647	2,220	2,430	3,361	16,116	30	964	4	4
22,500 LITRES (5,000 GALLONS)	6,655	2,534	2,874	5,450	24,933	30	900	5	5
27,500 LITRES (6,000 GALLONS)	7,653	2,534	2,865	6,062	29,057	30	978	5	5
32,000 LITRES (7,000 GALLONS)	8,666	2,534	2,877	6,752	34,540	30	968	5	5
42,000 LITRES (9,230 GALLONS)	9,290	2,804	3,216	9,315	45,146	30	970	6	6
50,000 LITRES (10,990 GALLONS)	10,810	2,804	3,226	10,514	52,194	30	974	6	6
60,000 LITRES (13,185 GALLONS)	12,969	2,804	3,225	12,190	63,440	30	1,124	6	6



22,500 LITRE HORIZONTAL BULK DIESEL TANK



HEAVY-DUTY STEEL CONSTRUCTION PROVIDES OUTSTANDING DURABILITY AND RELIABILITY EVEN IN THE HARSHTEST CONDITIONS

TANK CONNECTIONS

- ▶ 2" BSP offset fill point
- ▶ External overflow prevention system
- ▶ 1½" suction line dip tube for fuel delivery
- ▶ 1" port for tank level sensor
- ▶ 1" bund drain point
- ▶ ½" port for high level sensor

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FUEL DISPENSING PACKAGES

230V FUEL DISPENSING SYSTEM OPTIONS

PACKAGE CODE	DISPENSING SYSTEM	HOSE / REEL	TRIGGER	FILTER	ELECTRICAL CONNECTION
BH 090					
	CUBE 70L/MIN 230V 2070-080	4M X 1" DIESEL HOSE 2400-295	AUTO SHUT-OFF TRIGGER 2150-100	HIGH FLOW PARTICLE FILTER 2300-380	MAINS PANEL WITH OCIO GAUGE 2570-040
BH 100					
	CUBE 70L/MIN 230V 2070-080	REEL WITH 8M X 1" HOSE 2500-092	AUTO SHUT-OFF TRIGGER 2150-100	HIGH FLOW PARTICLE FILTER 2300-380	MAINS PANEL WITH OCIO GAUGE 2570-040
BH 130					
	CUBE 70L/MIN 230V 2070-080	4M X 1" DIESEL HOSE 2400-295	AUTO SHUT-OFF TRIGGER 2150-100	HIGH FLOW PARTICLE FILTER 2300-380	MAINS PANEL + OCIO + ALARM 2591-025
BH 140					
	CUBE 70L/MIN 230V 2070-080	REEL WITH 8M X 1" HOSE 2500-092	AUTO SHUT-OFF TRIGGER 2150-100	HIGH FLOW PARTICLE FILTER 2300-380	MAINS PANEL + OCIO + ALARM 2591-025

FUEL DISPENSING PACKAGES

230V FUEL DISPENSING SYSTEM OPTIONS

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THE ULTIMATE FUEL STORAGE SOLUTION

PACKAGE CODE	DISPENSING SYSTEM	FLOW METER	HOSE / REEL	TRIGGER	FILTER	ELECTRICAL CONNECTION
BH150						
	PIUSI E120 90L/MIN 230V 2020-200	4 DIGIT FLOW METER 2200-080	4M X 1" DIESEL HOSE 2400-295	HIGH FLOW AUTO TRIGGER 2150-122	HIGH FLOW PARTICLE FILTER 2300-380	MAINS PANEL WITH OCIO GAUGE 2570-040
BH160						
	PIUSI E120 90L/MIN 230V 2020-200	4 DIGIT FLOW METER 2200-080	REEL WITH 8M X 1" HOSE 2500-092	HIGH FLOW AUTO TRIGGER 2150-122	HIGH FLOW PARTICLE FILTER 2300-380	MAINS PANEL WITH OCIO GAUGE 2570-040
BH170						
	PIUSI E120 90L/MIN 230V 2020-200	4 DIGIT FLOW METER 2200-080	4M X 1" DIESEL HOSE 2400-295	HIGH FLOW AUTO TRIGGER 2150-122	HIGH FLOW PARTICLE FILTER 2300-380	MAINS PANEL + OCIO + ALARM 2591-025
BH180						
	PIUSI E120 90L/MIN 230V 2020-200	4 DIGIT FLOW METER 2200-080	REEL WITH 8M X 1" HOSE 2500-092	HIGH FLOW AUTO TRIGGER 2150-122	HIGH FLOW PARTICLE FILTER 2300-380	MAINS PANEL + OCIO + ALARM 2591-025

FUEL MANAGEMENT – TAG SYSTEM

TAKE FULL CONTROL OF YOUR FUEL TANK USE



PIUSI FUEL MANAGEMENT SYSTEM INSTALLED IN BULK DIESEL TANK



PIUSI FUEL MANAGEMENT SYSTEM



USER KEY TAGS



PC KEY READER



SOFTWARE PACKAGE
(DOWNLOAD OR USB)

KEY FEATURES

- ▶ Limits pump access to users with a key tag or PIN code (if purchased)
- ▶ Records transaction data including user, date, time and fuel quantity
- ▶ One-time purchase – no subscription fee
- ▶ Provides access for up to 50 or 120 users (depending on model)
- ▶ Pump start/stop and pre-set dispense features
- ▶ Local unit memory records the last 255 fuel tank interactions
- ▶ Option to record vehicle registration number and odometer readings
- ▶ Available in 12V / 24V / 230V
- ▶ Easy and direct system setup at the unit itself
- ▶ Software package allows data to be exported to a local PC or laptop

ABOUT THE PIUSI CUBE 70MC

Gain full oversight of your team's fuel usage with the Piusi Cube 70MC. This advanced fuel management system is a compact diesel dispenser and monitoring unit, which ensures fast and precise dispensing only by authorised personnel.

The Cube 70MC gives you market-leading fuel security, allowing only authorised users with a key tag or PIN code to access the contents of your bundled fuel tank. The unit comes complete with nozzle holder, internal diesel transfer pump, motor and electronic meter, which records the date, time and amount of fuel dispensed for the past 255 interactions.

This system provides fuel access and tank usage data for up to 50 users as standard, with optional access for up to 120 users depending on the model installed. View all usage data on-screen at the unit itself, or export data to a local laptop or PC via the unit's software package, available to download or on USB.

DOWNLOAD THE APP:



TWIN PIUSI FUEL MANAGEMENT SYSTEM INSTALLED IN BULK DIESEL TANK

KEY FEATURES

- ▶ Dispense fuel securely via Bluetooth connection with driver's mobile device
- ▶ Online portal allows you to monitor real-time fuel use
- ▶ Ability to export reports into .pdf or .xlsx files
- ▶ No need to visit fuel tanks on-site or compile multiple separate reports
- ▶ Records usage data including date, driver, vehicle and fuel quantity
- ▶ One-time purchase – no ongoing fees to use the software
- ▶ Includes 10 or 20 driver app licences (more on request)
- ▶ For use with diesel, gasoil and AdBlue storage tanks
- ▶ Available in 12V / 24V / 230V

ABOUT THE PIUSI B.SMART SYSTEM

The Piusi MC Box B.SMART is a cloud-based add-on fuel monitoring unit, designed to give you or your fleet manager real-time online data about your fuel use – including each driver, vehicle, fuel quantity dispensed, and when.

Piusi B.SMART uses a licenced app on the driver's Android or iOS mobile device to activate fuel dispensing via Bluetooth connection. Once complete, each fuelling transaction is recorded and sent via network connection to the cloud. This allows for real-time monitoring of multiple fuel or AdBlue dispensers across unlimited locations – all of which is accessible with a user-friendly web portal for PC, tablet or smartphone.

B.SMART



MANAGEMENT SYSTEM



MANAGEMENT PORTAL



DRIVER APP SCREENS

OPTIONAL UPGRADES








UPGRADE	FEATURES
WATCHDOG MODULE	REAL-TIME TANK LEVEL MONITORING; LOW TANK LEVEL ALARM; REAL-TIME INVENTORY VALUATION; SUPPLIER & DELIVERY MANAGEMENT
FUEL ECONOMY UPGRADE	REMOVELY MONITOR CONSUMPTION; SET CONSUMPTION LIMITS; GENERATE REPORTS BY DRIVER/VEHICLE; ADD/CHECK/MANAGE REFUELLINGS
EXTRA APP LICENCES	PRE-SET FUEL DISPENSING VOLUME OR SET TO FILL; DATA RECORDING; RECORD VEHICLE MILEAGE UPON FILLING

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FUEL DISPENSING PACKAGES

230V FUEL MANAGEMENT SYSTEM OPTIONS

PACKAGE CODE	MANAGEMENT SYSTEM	HOSE / REEL	TRIGGER	FILTER	ELECTRICAL CONNECTION
BH330*					
	CUBE 70MC 230V C/W 10 USER KEYS, MANAGER KEY, SOFTWARE (DOWNLOAD*) & KEY READER - 2070-100	4M X 1" DIESEL HOSE 2400-295	AUTO SHUT-OFF TRIGGER 2150-100	HIGH FLOW PARTICLE FILTER 2300-380	MAINS PANEL WITH OCIO GAUGE 2570-040
BH340*					
	CUBE 70MC 230V C/W 10 USER KEYS, MANAGER KEY, SOFTWARE (DOWNLOAD*) & KEY READER - 2070-100	REEL WITH 8M X 1" HOSE 2500-092	AUTO SHUT-OFF TRIGGER 2150-100	HIGH FLOW PARTICLE FILTER 2300-380	MAINS PANEL WITH OCIO GAUGE 2570-040
BH370*					
	CUBE 70MC 230V C/W 10 USER KEYS, MANAGER KEY, SOFTWARE (DOWNLOAD*) & KEY READER - 2070-100	4M X 1" DIESEL HOSE 2400-295	AUTO SHUT-OFF TRIGGER 2150-100	HIGH FLOW PARTICLE FILTER 2300-380	MAINS PANEL + OCIO + ALARM 2591-021
BH380*					
	CUBE 70MC 230V C/W 10 USER KEYS, MANAGER KEY, SOFTWARE (DOWNLOAD*) & KEY READER - 2070-100	REEL WITH 8M X 1" HOSE 2500-092	AUTO SHUT-OFF TRIGGER 2150-100	HIGH FLOW PARTICLE FILTER 2300-380	MAINS PANEL + OCIO + ALARM 2591-021

*Cube 70MC software also available on USB drive (£POA)

FUEL DISPENSING PACKAGES

230V FUEL MANAGEMENT SYSTEM OPTIONS

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PACKAGE CODE	PUMP	MANAGEMENT SYSTEM	HOSE / REEL	TRIGGER	FILTER	ELECTRICAL CONNECTION
BH 330BS						
	72L/MIN 230V PUMP 2020-080	PIUSI B.SMART MOBILE 70L/MIN 230V C/W 20 DRIVER APP LICENCES	4M X 1" DIESEL HOSE 2400-295	AUTO SHUT-OFF TRIGGER 2150-100	HIGH FLOW PARTICLE FILTER 2300-380	MAINS PANEL WITH OCIO GAUGE 2570-040
BH 340BS						
	72L/MIN 230V PUMP 2020-080	PIUSI B.SMART MOBILE 70L/MIN 230V C/W 20 DRIVER APP LICENCES	REEL WITH 8M X 1" HOSE 2500-092	AUTO SHUT-OFF TRIGGER 2150-100	HIGH FLOW PARTICLE FILTER 2300-380	MAINS PANEL WITH OCIO GAUGE 2570-040
BH 370BS						
	72L/MIN 230V PUMP 2020-080	PIUSI B.SMART MOBILE 70L/MIN 230V C/W 20 DRIVER APP LICENCES	4M X 1" DIESEL HOSE 2400-295	AUTO SHUT-OFF TRIGGER 2150-100	HIGH FLOW PARTICLE FILTER 2300-380	MAINS PANEL + OCIO + ALARM 2591-021
BH 380BS						
	72L/MIN 230V PUMP 2020-080	PIUSI B.SMART MOBILE 70L/MIN 230V C/W 20 DRIVER APP LICENCES	REEL WITH 8M X 1" HOSE 2500-092	AUTO SHUT-OFF TRIGGER 2150-100	HIGH FLOW PARTICLE FILTER 2300-380	MAINS PANEL + OCIO + ALARM 2591-021

Note: B.SMART fuel management packages include K600/3 Pulsar

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OPTIONAL EQUIPMENT

WATER FILTER OPTION




PACKAGE CODE	FILTER	
W TO BE FITTED IN ADDITION TO PARTICLE FILTER		
	2 MICRON WATER BLOCKING FILTER + FILTER HEAD 2300-375 / 2300-383	

OPTIONAL EQUIPMENT / ACCESSORIES

FUEL PROOF TANK PACK / FUEL MANAGEMENT SYSTEM ACCESSORIES

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ITEM CODE	OPTIONAL EQUIPMENT	
2981-020	 A yellow spill kit bag with 'SPILL KIT Fuel Proof' printed on it, a red 6kg powder fire extinguisher, and a green and black glove pack.	
	FUEL PROOF TANK PACK FOR BULK DIESEL TANKS: 45 LITRE SPILL KIT, 6KG FIRE EXTINGUISHER & GLOVE PARK	
2071-100	 A red plastic manager key with a silver metal head.	
	MANAGER KEY FOR PIUSI CUBE 70MC SYSTEM	
2071-080	 A pack of ten yellow plastic user keys with silver metal heads.	
	PACK OF 10 USER KEYS FOR PIUSI CUBE 70MC SYSTEM	

ITEM	CODE
SPLIT COMPARTMENT ON 5,000L TO 15,000L HORIZONTAL BULK TANKS	5101-120
SPLIT COMPARTMENT ON 22,500L TO 32,000L HORIZONTAL BULK TANKS	5101-140
SPLIT COMPARTMENT ON 42,000L TO 60,000L HORIZONTAL BULK TANKS	5101-200

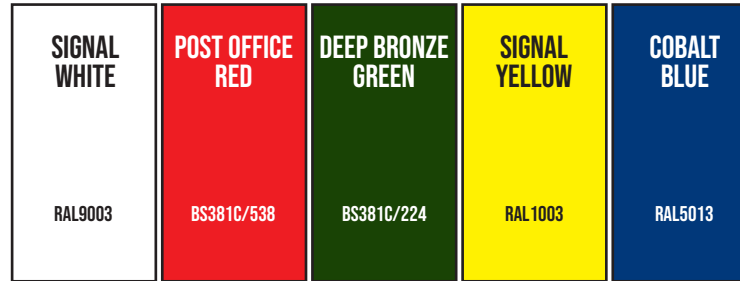
FUELCUBES GENERATOR TANKS FUELSTORES HIGHWAY BOWSERS SITE BOWSERS

SHORTEST
LEAD TIME



020

← ADDITIONAL 10 DAYS LEAD TIME →



010

040

060

080

100

ADDITIONAL 14 DAYS
LEAD TIME

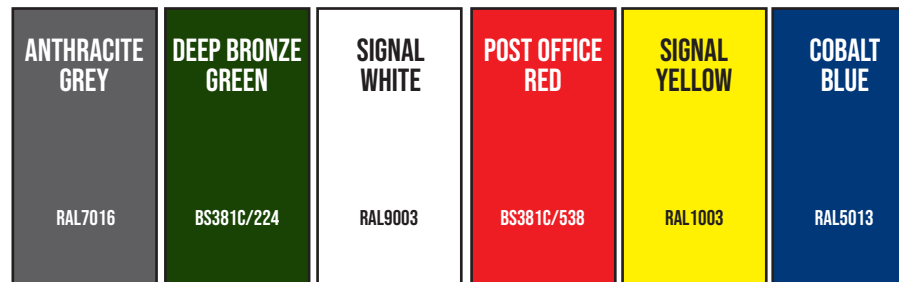


500

£100 charge per unit
Customer must
provide RAL code

BULK TANKS

← SHORTEST LEAD TIME →



020

060

010

040

080

100

ADDITIONAL 14 DAYS
LEAD TIME



500

£100 charge per unit
Customer must
provide RAL code

Please Note:

All information and images in this brochure are for illustrative purposes only. Technical details are included as a guide and should be treated as approximate values. Confirmation of exact figures can be given at time of order and during any subsequent design period.



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