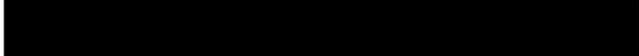


**PIUSI**



**CATALOGUE  
ADBLUE®**

# ADBLUE® PRODUCT RANGE

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All Pictures shown are for illustration purpose only. Actual product may vary due to product enhancement.

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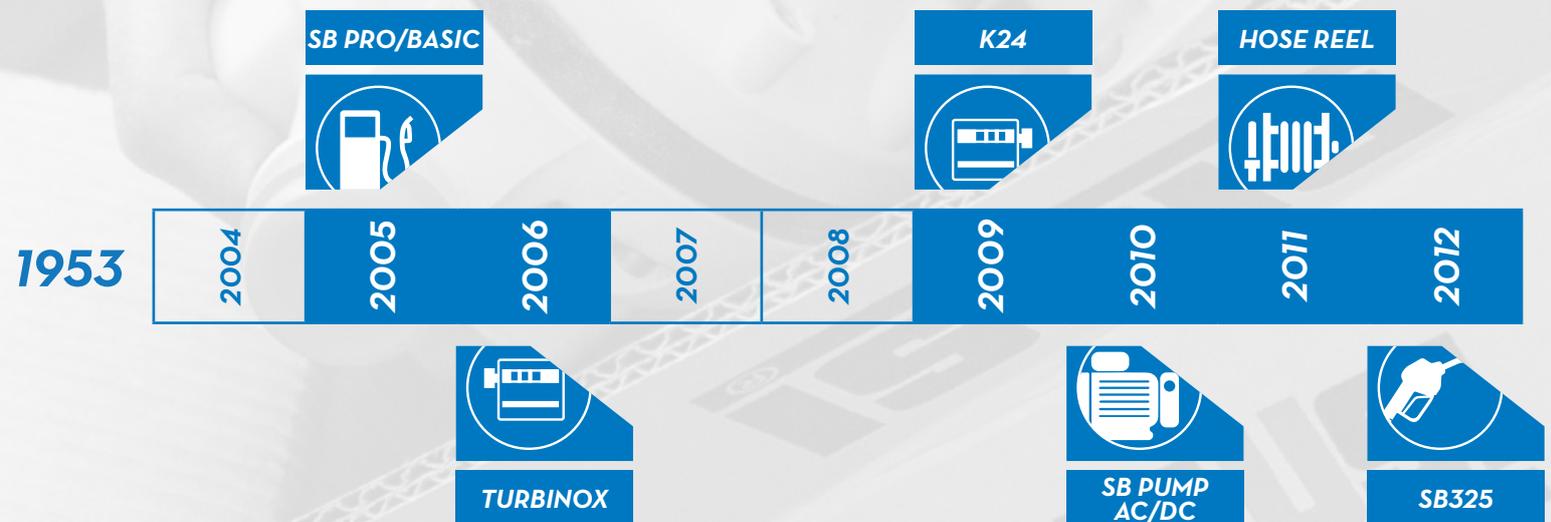
## PIUSI'S ADBLUE® JOURNEY

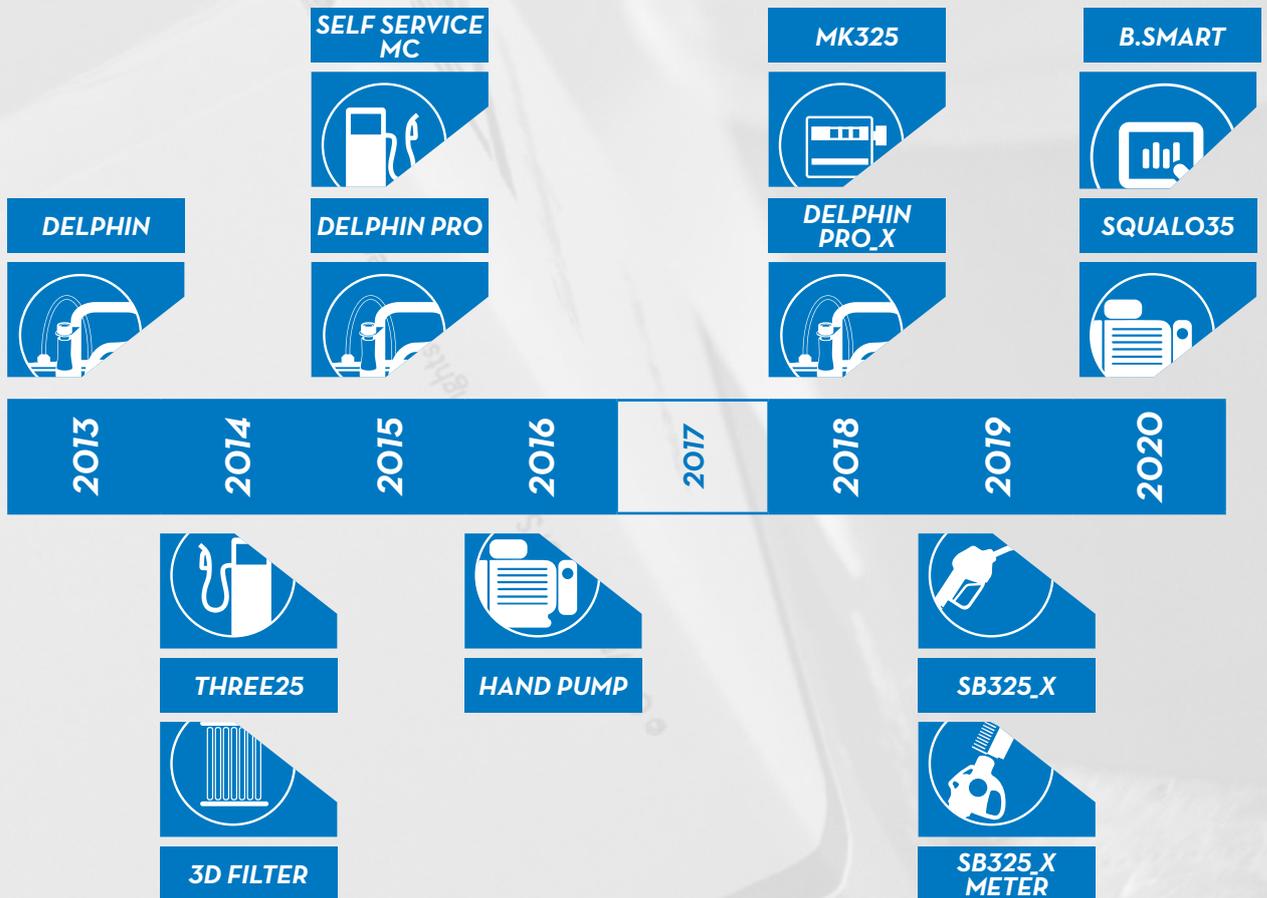
# THE HISTORY OF KNOW-HOW

### ABOUT US

**PIUSI was established in 1953 in Suzzara, in the province of Mantua (Italy).** For more than 60 years, **PIUSI has been the major player in the world's leading markets with its full range of products for transferring, refilling and measuring lubricants, fuels and liquids such as gasoline, diesel, Diesel Exhaust Fluid (DEF), oil, water and grease.**

Some of PIUSI's main products include pumps, flow meters, nozzles, dispensers, hose reels, liquid level gauges, software and complete kits used by operators in agriculture, the automotive industry, workshops and garages, fleet management and transport by road and by sea. PIUSI products have many different uses such as monitoring and transferring fuel at trucking companies, refueling of agricultural vehicles, transferring fuels in construction and mining for heavy duty vehicles. The products are intuitive and easy to use; are suitable to be installed in a variety of contexts; are all made entirely in Italy; and all products express the innovation, quality, professionalism and R&D that have always distinguished PIUSI. Its headquarters are in Suzzara (Mantova - 150 km from Milan and Venice). The company currently employs more than 250 employees between sales, administration, R&D, production and logistics. PIUSI products are sold in more than 120 countries around the world thanks to a large network of distributors and the US branch based in Fort Lauderdale, FL, serving the North and South American markets.







# **CAR FILLING**

A large, solid red triangle is positioned in the bottom right corner of the page, pointing towards the top right.



CAR FILLING



FUEL MANAGEMENT SYSTEMS



KITS



PUMPS



METERS



METERED NOZZLES

# DELPHIN PRO\_X

## FEATURES

- FULLY AUTOMATIC
- 100% COMPATIBLE WITH ALL CARS AND VEHICLES\*\*
- AUTOMATIC FLOW RATE REGULATION
- PRESET QUANTITY

DELPHIN PRO\_X is the latest innovation within the PIUSI AdBlue® car filling equipment: preset function, automatic FLOW RATE regulation and visual diagnostic alert are just few of its main new features. This dispenser comes both in AC and DC version, and, thanks to the sturdy and adjustable cart, it can easily support 60/200 ltrs drums.

The AUTOMATIC FLOW RATE function adjust the FLOW RATE according to the vehicle's tank. While the PRESET allow to pre-define the total amount of AdBlue® to be filled in the car tank.

## PERFORMANCE

2-15 L/MIN

FLOW RATE

AC/DC  
VOLTAGE

POWER

2M

HOSE LENGTH



DELPHIN PRO\_X



## PACKAGING

| CODE      | WEIGHT |       | PACKAGING    |                |            |         |
|-----------|--------|-------|--------------|----------------|------------|---------|
|           | KG     | LBS   | MM           | INCH           | PCS/PALLET | PCS/BOX |
| FO0100400 | 43,5   | 96    | 770X1080X800 | 30,3X42,1X31,5 | 4          | 1       |
| FO0100410 | 51     | 112,5 | 770X1080X800 | 30,3X42,1X31,5 | 4          | 1       |



NOZZLES



FILTRATION



TANK MONITORING



HOSE REEL



ACCESSORIES



MERCHANDISE

INDEX



AIR



ANTIFREEZE



AdBlue®



BIODIESEL



DIESEL



FOOD



GASOLINE



GREASE



KEROSENE



OIL



WATER



WINDSCREEN

## FUNCTIONING



### AUTOMATIC FLOW RATE

The fastest automatic way to refill any car. Thanks to this option, DELPHIN PRO\_X automatically adjust the flow rate accordingly to the vehicle's tank.



### PRESET

By pre-setting the needed quantity the operator can concentrate on something else while DELPHIN PRO\_X is refilling. DELPHIN PRO\_X will stop automatically when the preset quantity will be reached.

## IN THE BOX

- DELPHIN PRO\_X UNIT
- AF2 CONNECTOR
- INSTRUCTION MANUAL

## DETAILS

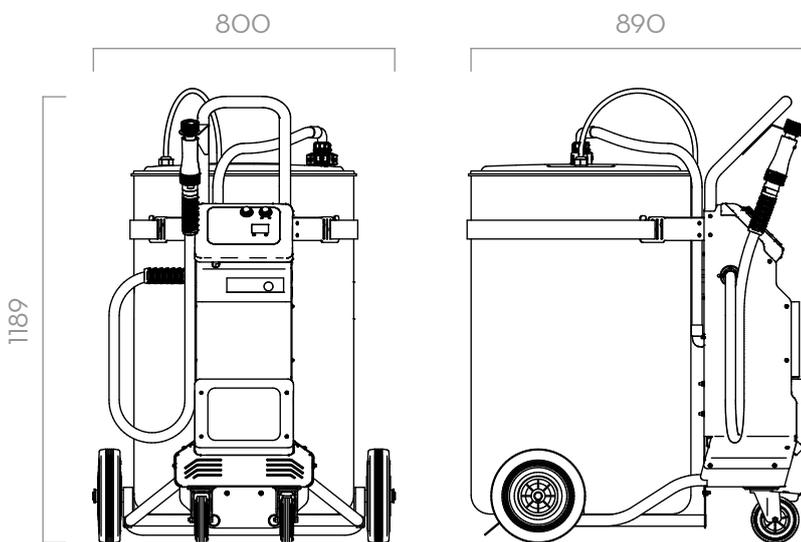


UNIVERSAL ISO CONNECTOR



AF2 CONNECTOR

## DIMENSIONS



Dimensions expressed in millimeters

## MATERIALS

- PUMP:
- BODY: POLIPROPYLENE
- DIAPHRAGM: POLIPROPYLENE

## TECHNICAL DATA

| CODE      | DESCRIPTION      | FLUIDS TYPE | FLOW RATE |         | VOLTAGE             |               |              | HOSE   |      | ON/OFF |
|-----------|------------------|-------------|-----------|---------|---------------------|---------------|--------------|--------|------|--------|
|           |                  |             | L/MIN     | GPM     | AC V./HZ<br>DC VOLT | POWER<br>WATT | AMP.<br>MAX. | LENGHT | Ø    | SWITCH |
| FO0100400 | DELPHIN PRO_X AC |             | 2 - 15    | 0,5 - 4 | 230/50              | 200           | 1,1          | 2 M    | 3/4" | YES    |
| FO0100410 | DELPHIN PRO_X DC |             | 2 - 15    | 0,5 - 4 | 230/50*             | 200*          | 1,1          | 2 M    | 3/4" | YES    |

\* BATTERY CHARGER

\*\*IN ACCORDANCE TO ISO/FDIS 22241-4:2009



CAR FILLING



FUEL MANAGEMENT SYSTEMS



KITS



PUMPS



METERS



METERED NOZZLES

# DELPHIN PRO

## FEATURES

- FULLY AUTOMATIC
- NO OPERATOR NEEDED
- 100% COMPATIBLE WITH ALL CARS AND VEHICLES\*\*
- STURDY DESIGN
- EASY TO HANDLE
- FLOW RATE REGULATOR

DELPHIN PRO is the most famous PIUSI AdBlue® car filling system: it allows any garage to enter into the automatic car filling of AdBlue® stopping the use of manual tanks. Compact, mobile, reliable and robust, DELPHIN PRO can be used in every working condition. It is fully automatic - it will only take 2 minutes for a full AdBlue® tank - and its patented spout prevents AdBlue® from crystallizing and never requires cleaning or servicing.

## PERFORMANCE

**2-11 L/MIN**

FLOW RATE

**AC**  
**VOLTAGE**

POWER

**2M**

HOSE LENGTH



DELPHIN PRO



## PACKAGING

| CODE      | WEIGHT |      | PACKAGING    |              |         |
|-----------|--------|------|--------------|--------------|---------|
|           | KG     | LBS  | MM           | INCH         | PCS/BOX |
| FO010020B | 37     | 81,5 | 770X1080X800 | 30,3X42X31,5 | 1       |
| FO010021B | 37     | 81,5 | 770X1080X800 | 30,3X42X31,5 | 1       |



NOZZLES



FILTRATION



TANK MONITORING



HOSE REEL



ACCESSORIES



MERCHANDISE

## INDEX



AIR



ANTIFREEZE



AdBlue®



BIODIESEL



DIESEL



FOOD



GASOLINE



GREASE



KEROSENE



OIL



WATER



WINDSCREEN

## FUNCTIONING



ACTIVATE  
DELPHIN PRO



USE THE DIMMER  
TO ADJUST  
THE FLOW RATE



CONNECT THE  
CONNECTOR  
TO THE TANK  
OF THE CAR



PRESS THE  
REFILL BUTTON  
FOR 5 SECS



ONCE THE TANK IS  
FULL, DELPHIN PRO  
AUTOMATICALLY  
STOPS DISPENSING

## IN THE BOX

- DELPHIN PRO UNIT
- AF2/SEC CONNECTOR
- INSTRUCTION MANUAL

## DETAILS



UNIVERSAL ISO CONNECTOR

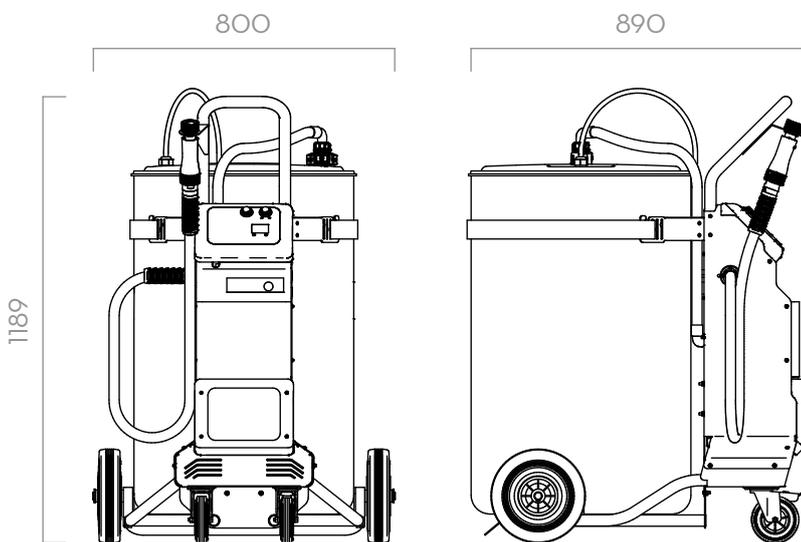


SEC VERSION AVAILABLE



DIGITAL FLOW METER

## DIMENSIONS



Dimensions expressed in millimeters

## MATERIALS

- PUMP:
- BODY: POLIPROPYLENE
- DIAPHRAGM: POLIPROPYLENE

## TECHNICAL DATA

| CODE      | DESCRIPTION                             | FLUIDS TYPE | FLOW RATE |           | VOLTAGE             |               |              | HOSE   |      | ON/OFF |
|-----------|---|-------------|-----------|-----------|---------------------|---------------|--------------|--------|------|--------|
|           |   |             | L/MIN     | GPM       | AC V./HZ<br>DC VOLT | POWER<br>WATT | AMP.<br>MAX. | LENGHT | Ø    | SWITCH |
| FO010020B | DELPHIN PRO 120/230V-50/60HZ            |             | 2 - 11    | 0,5 - 2,9 | 230/50              | 200           | 1,1          | 2 M    | 3/4" | YES    |
| FO010021B | DELPHIN PRO 120/230V-50/60HZ W/SEC CONN |             | 2 - 11    | 0,5 - 2,9 | 230/50              | 200           | 1,1          | 2 M    | 3/4" | YES    |

\*\*IN ACCORDANCE TO ISO/FDIS 22241-4:2009



CAR FILLING



FUEL MANAGEMENT SYSTEMS



KITS



PUMPS



METERS



METERED NOZZLES

# DELPHIN PRO IBC

## FEATURES

- FULLY AUTOMATIC
- 100% COMPATIBLE WITH ALL CARS AND VEHICLES\*\*
- STURDY DESIGN
- EASY TO INSTALL
- FLOW RATE REGULATOR
- SPECIFICALLY DESIGN FOR IBC TANKS

DELPHIN PRO IBC is a compact and professional solution for an AdBlue® car filling fixed installation. It benefits from all the features of Delphin Pro AC while being suitable for all situations with a higher consumption of AdBlue®. It is designed to be hung on IBC tanks guaranteeing maximum security and reliability thanks to the lock bracket system. The integrated handle allows a safe and easy lifting. The flat bottom allows to place DELPHIN PRO IBC firmly on the floor during the IBC tank replacement or any other operation.

## PERFORMANCE

**2-11 L/MIN**

FLOW RATE

**AC**  
VOLTAGE  
POWER

**6M**

HOSE LENGTH

AVAILABLE WITH  
**ON/OFF**  
BUTTON  
SWITCH



**DELPHIN PRO IBC**



## PACKAGING

| CODE      | WEIGHT |      | PACKAGING   |                |         |
|-----------|--------|------|-------------|----------------|---------|
|           | KG     | LBS  | MM          | INCH           | PCS/BOX |
| FOO100BOA | 24     | 52,9 | 500X340X590 | 19,7X13,4X23,2 | 1       |



NOZZLES



FILTRATION



TANK MONITORING



HOSE REEL



ACCESSORIES



MERCHANDISE

## INDEX



AIR



ANTIFREEZE



AdBlue®



BIODIESEL



DIESEL



FOOD



GASOLINE



GREASE



KEROSENE



OIL



WATER



WINDSCREEN

## FUNCTIONING



1  
ACTIVATE  
DELPHIN PRO



2  
USE THE DIMMER  
TO ADJUST  
THE FLOW RATE



3  
CONNECT THE  
CONNECTOR  
TO THE TANK  
OF THE CAR

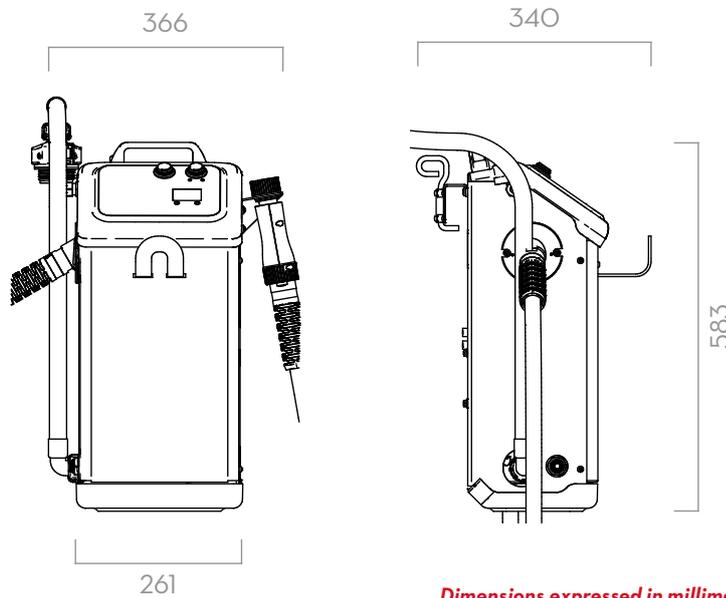


4  
PRESS THE  
REFILL BUTTON  
FOR 5 SECS



5  
ONCE THE TANK IS  
FULL, DELPHIN PRO  
AUTOMATICALLY  
STOPS DISPENSING

## DIMENSIONS



Dimensions expressed in millimeters

## IN THE BOX

- DELPHIN PRO IBC UNIT
- AF2 / SEC CONNECTOR
- INSTRUCTION MANUAL

## DETAILS



UNIVERSAL ISO CONNECTOR



AF2 CONNECTOR INCLUDED



SEC VERSION INCLUDED



DIGITAL FLOW METER

## MATERIALS

- PUMP:  
BODY: POLIPROPYLENE  
DIAPHRAGM: POLIPROPYLENE

## TECHNICAL DATA

| CODE      | DESCRIPTION                       | FLUIDS TYPE | FLOW RATE |           | VOLTAGE  |            |           | HOSE       |        | ON/OFF |
|-----------|-----------------------------------|-------------|-----------|-----------|----------|------------|-----------|------------|--------|--------|
|           |                                   |             | L/MIN     | GPM       | AC V./HZ | POWER WATT | AMP. MAX. | LENGHT (M) | Ø (MM) | SWITCH |
| FO0100BOA | DELPHIN PRO IBC AF2-SEC 230V/50HZ |             | 2 - 11    | 0,5 - 2,9 | 230/50   | 200        | 1,1       | 3          | 19     | YES    |

\*\*IN ACCORDANCE TO ISO/FDIS 22241-4:2009



CAR FILLING



FUEL MANAGEMENT SYSTEMS



KITS



PUMPS



METERS



METERED NOZZLES

# FLIPPER

## FEATURES

- COMPLETE KIT
- READY TO USE
- COMPATIBLE WITH ALL VEHICLES
- ROBUST, FUNCTIONAL
- 3D FILTER FOR ADBLUE
- SB325\_X METER NOZZLE CAR VERSION

FLIPPER is the AdBlue® mobile transfer trolley made by PIUSI. It is light and handy with switching from manual to electric operation to save time, money and effort.

## PERFORMANCE

**20 L/MIN**

FLOW RATE

**230V**  
VOLTAGE

POWER

**6M**

ELECTRIC CABLE

**2,2M**

HOSE LENGTH



**FLIPPER**

## PACKAGING

| CODE      | WEIGHT |     | PACKAGING    |                |            |         |
|-----------|--------|-----|--------------|----------------|------------|---------|
|           | KG     | LBS | MM           | INCH           | PCS/PALLET | PCS/BOX |
| FO0100COA | 44     | 97  | 1070X700X300 | 42,1X27,5X11,8 | 1          | 1       |



NOZZLES



FILTRATION



TANK MONITORING



HOSE REEL



ACCESSORIES



MERCHANDISE

INDEX



AIR



ANTIFREEZE



AdBlue®



BIODIESEL



DIESEL



FOOD



GASOLINE



GREASE



KEROSENE



OIL

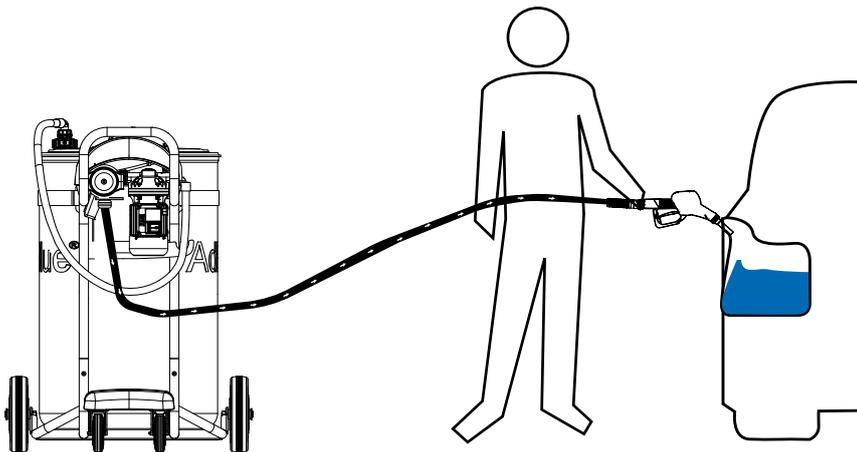


WATER



WINDSCREEN

## FUNCTIONING



## IN THE BOX

- FLIPPER UNIT
- CART
- AF2 CONNECTOR
- SUCTION HOSE
- DELIVERY HOSE
- SB325\_X METER NOZZLE CAR
- INSTRUCTION MANUAL

## DETAILS



3D FILTER



AF2 CONNECTOR

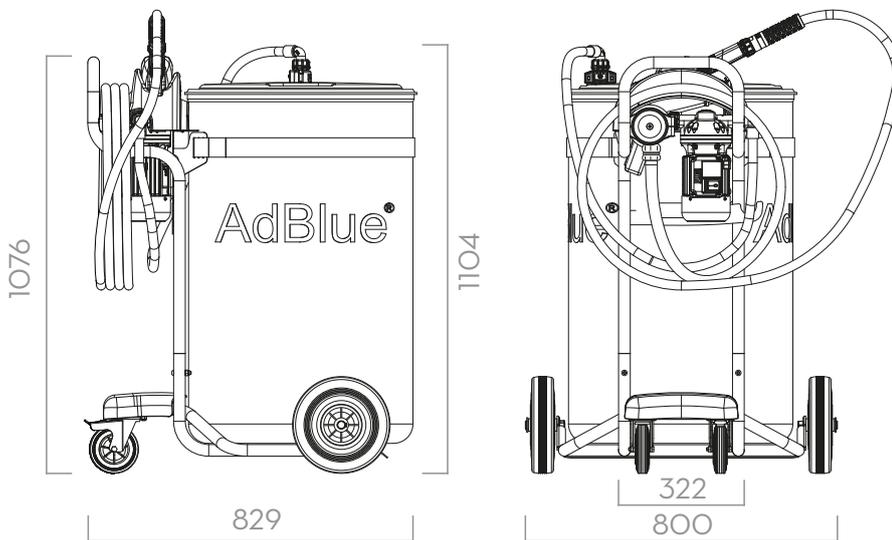


SB325\_X METER CAR



BENDING PROTECTION

## DIMENSIONS



Dimensions expressed in millimeters

## COMPONENTS

- PUMP:  
SUZZARABLU PUMP AC
- FILTER:  
3DFILTER

## TECHNICAL DATA

| CODE      | DESCRIPTION           | FLUIDS TYPE | FLOW RATE |           | VOLTAGE             |               |              | HOSE   |      | ON/OFF |
|-----------|-----------------------|-------------|-----------|-----------|---------------------|---------------|--------------|--------|------|--------|
|           |                       |             | L/MIN     | GPM       | AC V./HZ<br>DC VOLT | POWER<br>WATT | AMP.<br>MAX. | LENGHT | Ø    | SWITCH |
| FO0100COA | FLIPPER AC 230V 50 HZ |             | 20        | 0,5 - 2,6 | 230/50              | 400           | 1,95         | 2,2    | 3/4" | YES    |



CAR FILLING



FUEL MANAGEMENT SYSTEMS



KITS



PUMPS



METERS



METERED NOZZLES

# EDGARD

## FEATURES

- MOBILE TROLLEY
- COMPATIBLE WITH CARS AND COMMERCIAL VEHICLES
- STURDY AND FUNCTIONAL
- SB325\_X CAR NOZZLE
- SIMPLE AND INTUITIVE CONTROL PANEL

Born from PIUSI experience into the AdBlue® refilling equipment, EDGARD is a mobile system, battery powered, expressly engineered to dispense AdBlue® into cars and commercial vehicles.

Practical and movable, it is specifically designed for all the service stations that need a handy equipment for a guaranteed sale of AdBlue® by volume.

## PERFORMANCE

**5-12 L/MIN**

FLOW RATE

**100-240V  
50/60HZ**

VOLTAGE

**19 MM**

NOZZLE SPOUT

**2 MT**

LENGHT DELIVERY HOSE



EDGARD



## PACKAGING

| CODE      | WEIGHT |     | PACKAGING    |      |            |         |
|-----------|--------|-----|--------------|------|------------|---------|
|           | KG     | LBS | MM           | INCH | PCS/PALLET | PCS/BOX |
| FO0100EOA | 40     |     | 1200X800X960 |      | 1          | -       |



NOZZLES



FILTRATION



TANK MONITORING



HOSE REEL



ACCESSORIES



MERCHANDISE

INDEX



AIR



ANTIFREEZE



AdBlue®



BIODIESEL



DIESEL



FOOD



GASOLINE



GREASE



KEROSENE



OIL

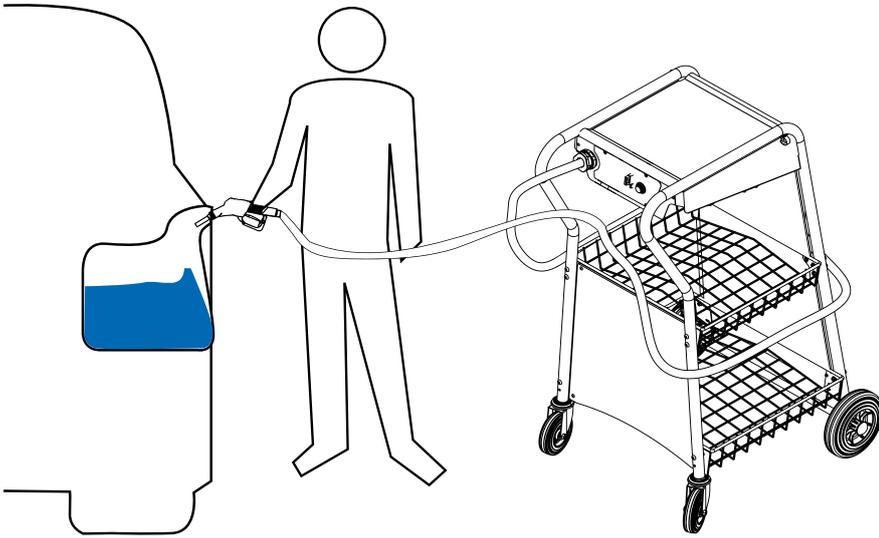


WATER



WINDSCREEN

## FUNCTIONING



## IN THE BOX

- MOBILE TROLLEY WITH SUZZARABLU PUMP DC
- SUCTION/DELIVERY HOSE
- SB325\_X CAR NOZZLE
- INSTRUCTION MANUAL

## DETAILS



SB325\_X METER CAR

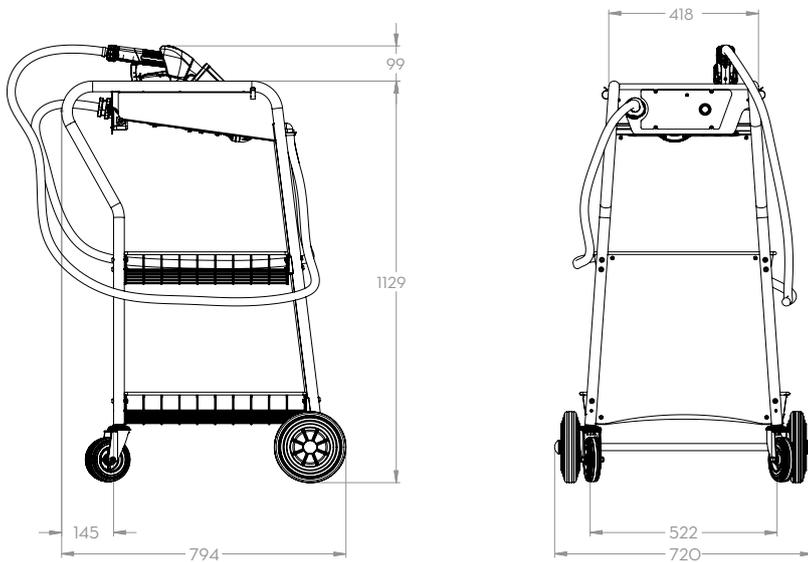


CONTROL PANEL



SUZZARABLU PUMP DC

## DIMENSIONS



Dimensions expressed in millimeters

## MATERIALS

- PUMP: SUZZARABLU PUMP DC
- NOZZLE: SB325\_X CAR

## TECHNICAL DATA

| CODE      | DESCRIPTION | FLUIDS TYPE | FLOW RATE |          | VOLTAGE            |                           | HOSE               |         |      | START/STOP |
|-----------|-------------|-------------|-----------|----------|--------------------|---------------------------|--------------------|---------|------|------------|
|           |             |             | L/MIN     | GPM      | AC V/HZ<br>DC VOLT | AMP.<br>MAX.              | LENGHT<br>DELIVERY | SUCTION | Ø    |            |
| FO0100EOA | EDGARD      |             | 5-12      | 1,3 -3,1 | 100-240V 50/60HZ   | 1.2A - 230V / 2.2A - 115V | 2M                 | 1,5M    | 16MM | Si         |



# CAR FILLING ACCESSORIES

## FILLING SYSTEMS

| DELPHIN PRO_X   | CODE      | DESCRIPTION                      |   |
|---|-----------|----------------------------------|---|
|  | F21614000 | TANK RECOVERY SYSTEM DELPHIN PRO |     |
|   | F2142100A | ADAPTER 3/4" 70X6 DELPHIN        |   |
|   | F15452000 | SEC + HOSETAIL 90°               |   |
|   | F20189000 | AF2 56X4 BUTTRESS - 1" BSP       |   |
|   | F20190000 | AF2 2" BUTTRESS - 1" BSP         |   |
|   | F20257000 | AF2 2" BSP - 1" BSP              |   |
|   | F20258000 | AF2 2" 70X6 - 1" BSP             |   |

| DELPHIN PRO   | CODE      | DESCRIPTION                      |   |
|---|-----------|----------------------------------|---|
|  | F20189000 | AF2 56X4 BUTTRESS - 1" BSP       |    |
|   | F20190000 | AF2 2" BUTTRESS - 1" BSP         |   |
|   | F20257000 | AF2 2" BSP - 1" BSP              |   |
|   | F20258000 | AF2 2" 70X6 - 1" BSP             |   |
|   | F21614000 | TANK RECOVERY SYSTEM DELPHIN PRO |   |
|   | F2142100A | ADAPTER 3/4" 70X6 DELPHIN        |   |
|   | F15452000 | SEC + HOSETAIL 90°               |   |

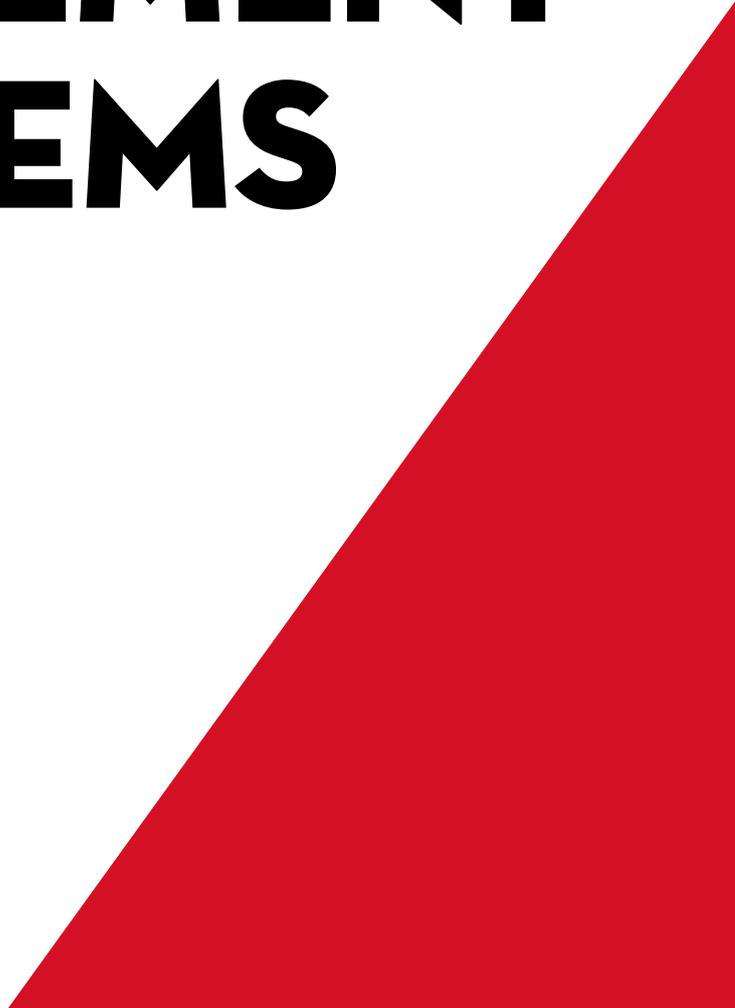
| DELPHIN PRO IBC   | CODE      | DESCRIPTION                               |  |
|---|-----------|---|--|
|  | F20189000 | AF2 56X4 BUTTRESS - 1" BSP                |     |
|   | F20190000 | AF2 2" BUTTRESS - 1" BSP                  |  |
|   | F20257000 | AF2 2" BSP - 1" BSP                       |  |
|   | F20258000 | AF2 2" 70X6 - 1" BSP                      |  |
|   | F12511000 | VAPOUR RECOVERY DELPHIN PRO IBC           |  |
|   | F2193800A | AF2 56X4 BUTT. - 1" BSP SUCTION CONNECTOR |  |
|   | F2193900A | AF2 2" BSP - 1" BSP SUCTION CONNECTOR     |  |

| FLIPPER   | CODE      | DESCRIPTION               |   |
|---|-----------|---------------------------|---|
|  | F00611D40 | PIUSI 3D FILTER CARTRIDGE |  |
|   |           |                           |   |





# **FUEL MANAGEMENT SYSTEMS**

A solid red triangle is positioned in the bottom right corner of the page, pointing towards the top left. It is a simple, flat-colored shape that adds a modern, geometric touch to the design.



CAR FILLING



FUEL MANAGEMENT SYSTEMS



KITS



PUMPS



METERS



METERED NOZZLES

# OVERVIEW

## FEATURES:

### ACCURATE DATA

• REAL AND ACCURATE CONSUMPTIONS' DATA ON EACH REFUELLING OPERATION MANAGED AUTOMATICALLY BY THE SYSTEM;

• OVERVIEW ON CONSUMPTIONS' TREND AND AVAILABLE RESIDUAL AdBlue®/DEF;

### REDUCED COSTS

• CAREFUL AND MEASURED CONSUMPTION OF AdBlue®/DEF ALLOWS TO SAVE UP TO 10% OF FLUID EVERY YEAR

### NO ABUSE

• A FUEL MANAGEMENT SYSTEM ALLOWS YOU TO TRACK WHO IS MAKING THE PROCEDURE, ON WHICH VEHICLE ALSO INDICATING THE DISPENSER USED IN ORDER TO CONTAIN ABUSES.

Fuel Management Systems (FMS) are technologically-advanced equipment that allow to measure, control and manage the consumptions of AdBlue®/DEF (or other fluids) of fleets or other Company vehicles (such as for example the earth moving machines within the construction industry).

The consumption of AdBlue®/DEF and fuel is an important part of the running costs of a fleet.

How much AdBlue®/DEF have you wasted in the past few months?

How much AdBlue®/DEF does each vehicle or driver consume?

What was the trend of consumptions?

To have a clear and precise overview on the situation, you need a FMS.

A system linked to your dispensers and stations for AdBlue®/DEF transferring that follow and trace all the refuelling operations also indicating who is the operator and the vehicle which is refuelled; all in real time.

PIUSI has developed 3 different FMS software for AdBlue®/DEF suitable for all different requirements: B.SMART, SSM 2.0 and SELF SERVICE MANAGEMENT AGILIS.

AGILIS  
SELF SERVICE  
MANAGEMENT



B.SMART



SSM 2.0  
SELF SERVICE MANAGEMENT





NOZZLES



FILTRATION



TANK MONITORING



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AdBlue®



BIODIESEL



DIESEL



FOOD



GASOLINE



GREASE



KEROSENE



OIL



WATER



WINDSCREEN

## Why choose a PIUSI FMS?

With **70 years of history**, PIUSI can supply not only all the technological and IT aspects of the software, but also - integrated - a wide range of dispensers suitable for all needs.

By choosing PIUSI, you will have - from a single supplier - not only the **Software**, but also the **dispensing Hardware** directly from the same **Company**.

|   |                                    | <b>AGILIS</b><br>SELF SERVICE<br>MANAGEMENT | <b>SSM 2.0</b><br>SELF SERVICE MANAGEMENT | <b>B.SMART</b>                        |
|---|------------------------------------|---|---|---------------------------------------|
| <b>GENERAL</b>  | PLATFORM                           | PC Software                                 | PC Software                               | Cloud Software                        |
|   | MULTISITE                          | -   | with PW mobile                            | YES                                   |
|   | MAX USERS                          | 250/dispenser                               | up to 1000                                | Unlimited                             |
|   | MAX DISPENSERS                     | 16  | up to 20                                  | Unlimited                             |
|   | USER LOGIN                         | iButton/PinCODE                             | iButton/Pincode                           | Mobile App*                           |
| <b>LIMIT SETTINGS</b>   | REMOTE USER/DISPENSER DEACTIVATION | -   | YES                                       | YES                                   |
|   | USER DAY/WEEKLY LIMITS             | -   | YES                                       | with Fuel Economy Add-on              |
|   | VEHICLE LIMITS                     | -   | YES                                       | with Fuel Economy Add-on              |
| <b>MANAGEMENT:</b><br>• VEHICLES<br>• SUPPLIERS<br>• CONSUMPTIONS | REGISTRATION NUMBER                | Manual entry                                | iButton                                   | Mobile App                            |
|   | USER VEHICLE ASSIGNMENT            | -   | YES                                       | YES                                   |
|   | ODOMETER                           | JA  | YES                                       | YES                                   |
|   | EXTERNAL TRANSACTIONS              | -   | YES                                       | with Fuel Economy Add-on              |
|   | FUEL CONSUMPTION MANAGEMENT        | -   | YES                                       | with Fuel Economy Add-on              |
|   | ADBLUE CONSUMPTION MANAGEMENT      | -   | YES                                       | with Fuel Economy Add-on              |
|   | FLUID SUPPLIERS MANAGEMENT         | -   | YES                                       | with Tank Watchdog Add-on             |
| <b>TANK LEVEL MANAGEMENT</b>                                      | TANK LOW LEVEL PUMP CUT-OFF        | YES   | YES                                       | YES                                   |
|   | REMOTE TANK LEVEL MANAGEMENT       | YES   | YES                                       | with Tank Watchdog Add-on             |
|   | MAX NO. OCIO                       | -   | up to 20                                  | Unlimited - with Tank Watchdog Add-on |
| <b>TANK ALARM</b>   | SOFTWARE ALARMS                    | YES   | YES                                       | YES                                   |
|   | HARDWARE ALARMS (W/OCIO)           | YES   | YES                                       | YES                                   |
| <b>REPORT</b>   | TRANSACTION REPORT                 | YES   | YES                                       | YES                                   |
|   | TANK LEVEL REPORT                  | -   | YES                                       | with Tank Watchdog Add-on             |
|   | FUEL PRICE TREND REPORT            | -   | YES                                       | with Tank Watchdog Add-on             |

\*IBUTTON: IN CASE OF EMERGENCY IF/OR SMARTPHONE IS ABSENT OR IT DOESN'T WORK



CAR FILLING



FUEL MANAGEMENT SYSTEMS



KITS



PUMPS



METERS



METERED NOZZLES

# B.SMART

## FEATURES

- SIMPLE, INTUITIVE, SUITABLE FOR EVERYONE
- UNLIMITED TO FIT ALL NEED
- MONO OR MULTI-SITE
- SOFTWARE ALWAYS INCLUDED WITH THE DISPENSER
- BLUETOOTH
- CLOUD-BASED
- NO SOFTWARE INSTALLATION
- NO FEE
- ANALYSIS, CONTROL AND MANAGEMENT IN ONE CLICK

### PERFORMANCE

|   |  |
|---|--|
| <p>DATA</p> <p><b>AVAILABLE</b></p> <p>ALWAYS</p> <p>TRANSACTIONS</p> | <p>NO</p> <p><b>SOFTWARE</b></p> <p>ON THE PC</p> <p>CLOUD</p>               |
| <p>NO FEE</p> <p>UTILIZATION</p>                                      | <p>ONLY</p> <p><b>BLUETOOTH</b></p> <p>NO WI-FI OR LAN</p> <p>CONNECTION</p> |

B.SMART is the Fuel Management System (FMS) by PIUSI designed and engineered for fleets of all sizes: small, medium, large, mono or multi-site. Innovative, simple and smart - the name carries its meaning - PIUSI B.SMART combines the quality and efficiency of PIUSI dispensers, with a Cloud-based software (APP for drivers and a web APP for fleet managers) driven by Bluetooth technology; that means no Wi-Fi or LAN network are required. Thus, it is possible to use B.SMART wherever; also in the more distant areas. A FMS all in one: the fleet manager has just to choose the necessary dispensers; the software is always included in the "package" (no rental ore recurring fee will be required).



## B.SMART

B.SMART is flexible and expandable: the same system easily fits to all requirements. It is only necessary to add the add-on needed to keep up with the evolution of the fleet.

### B.SMART API AVAILABLE

CONNECT YOUR ERP TO B.SMART WITH THE INTEGRATED API INTERFACE.





NOZZLES



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## APP

Dedicated to drivers, the APP for drivers just needs a smart device with Bluetooth to work properly: once the APP is open, the smartphone or tablet immediately connects to the dispenser to start the refueling operation.



## HARDWARE

PIUSI B.SMART runs only with the dedicated range of dispensing devices: quality guaranteed by PIUSI; the highest technical performances and reliability, all form a unique supplier. Real time communication between the dispenser and the PC.



## CLOUD

The core of B.SMART fuel management software is a Cloud-based service that tracks every refuelling operation and keeps every device synchronized.



## WEB APP

Dedicated to fleet manager. No software installation: just log in and start immediately to monitor, manage and control consumptions of the fleet.



CAR FILLING



FUEL MANAGEMENT SYSTEMS



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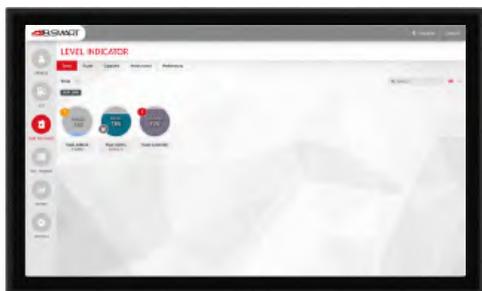


METERS



METERED NOZZLES

# ADD-ONS



## ADD-ON

Once the ADD-ON is chosen, PIUSI will send an activation code with all related instructions.

### DRIVER ADD-ON

| CODE      | DESCRIPTION                        |
|-----------|------------------------------------|
| F22500000 | DRIVER ACCESS ADD-ON B.SMART (X10) |
| FO0770D20 | DRIVER ACCESS ADD-ON B.SMART (X50) |

## TANK WATCHDOG

B.SMART Tank Watchdog is the perfect add on for a complete and updated control of the stock. It allows you to:

- monitor the tank level (add fluid loads and unloads and adjustments);
- set level alarms;
- manage suppliers;
- follow inventory price values and trends;
- access and download reports from anywhere

### TANK WATCHDOG ADD-ON

| CODE      | DESCRIPTION                                 |
|-----------|---|
| FO0770L00 | B.SMART TANK WATCHDOG ADD-ON - 1 YEAR       |
| FO0770L20 | B.SMART TANK WATCHDOG ADD-ON - ONE TIME FEE |

## Tank levels

Adding the level indicator OCIO, the system allows you to monitor the fluid level in your tanks in real time and gives alarms in case of malfunction or low levels. A perfect add-on for a complete and updated control of the stock. You can connect also any 420 mA o 0-10 V fluid gauge or run the system without any gauge thanks to the “virtual tank” option:

- set level alarms and get notifications on the tank level;
- possibility to configure high level or low level alarms;
- stop the pump according to the level of the fluid;
- send an automatic e-mail to notify when you reach the level alarm set.

## Fluid price and values

Thank to the level indicator OCIO you can have at your fingertips the fluid inventory value & quantity: you can define the refuelling price and verify the current inventory value.

- manage suppliers of the fluids to keep track of the date, price and quantity bought;
- get real time data of the value of your inventory;
- follow fluids price trends;
- access and download reports from any internet connected device thanks to the software cloud.

## FUEL ECONOMY

Enhance your system and become even more smart with the Fuel Economy ADD-ON for B.SMART! Thanks to this new module, you can now completely manage and increase the profitability of your fleet:

- manage consumptions, cross-checking vehicles and drivers;
- manage drivers' and vehicles' limits;
- add, check and manage the on-road refuellings.





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## Fleet management & limits

Thanks to this new add-on, you can:

- add to the B.SMART WEB APP system all the vehicles of your fleet;
- group all the vehicles according to a specific and personalized setting;
- add to the WEB APP the images of your vehicles and drivers for a quickest and easy identification;
- set drivers and vehicles limits based on quantities or time frames

### FUEL ECONOMY ADD-ON

| CODE      | DESCRIPTION                              |
|-----------|--|
| FO0770FOO | B.SMART FUEL ECONOMY ADD-ON 1 YEAR       |
| FO0770F20 | B.SMART FUEL ECONOMY ADD-ON ONE TIME FEE |
| F17299Q00 | B.SMART FUEL ECONOMY 45 QR CODES         |

## Consumptions report

Thanks to this new add-on, you can have detailed reports of:

- fuel/AdBlue® dispenses;
- vehicles' consumptions, spotting deviations vs standard;
- drivers' consumption on vehicles, tracking the driving behaviour of the operator;
- spot drivers' high fuel consumption;
- add on-road transactions highlighting also fuel/AdBlue® costs and the service station used in order to have a complete overview on the trend/activities of both drivers and vehicles.

## MAPLY

The add-on is specifically designed for companies working in construction, mining, excavation, drilling, landscaping or agriculture that want to have all the information at-a-glance including GPS location of fuel dispensing. With Maply Add-on it is possible:

- reduce fuel waste
- increase company profitability
- monitor & control fuel dispensing

## Geolocation

- Geolocate fuel transactions and display them on a map;
- "report on map" gives an overview of fuel dispensing. Clicking on a fuel transaction you get all the relevant data (quantity, date, time, vehicle refuelled, etc.)

## Manage fluid handover from fixed to mobile tanks

- Automatically manage portable tank loads;
- fuel transfer information will be managed inside the B.Smart reporting system, increasing information effectiveness.

## 3rd parties vehicles refuelling

- Track fuel transactions on third-party vehicles;
- possibility to send e-mail notifications and add operator's notes.

### MAPLY ADD-ON

| CODE      | DESCRIPTION                         |
|-----------|-------------------------------------|
| FO0770M00 | B.SMART MAPLY ADD-ON - 1 YEAR       |
| FO0770M20 | B.SMART MAPLY ADD-ON - ONE TIME FEE |

## AVAILABLE KITS ADD-ON

### KIT ADD-ON

| CODE      | DESCRIPTION                                   |
|-----------|---|
| FO0770K00 | KIT TANK WATCHDOG + FUEL ECONOMY 1 YEAR       |
| FO0770K20 | KIT TANK WATCHDOG + FUEL ECONOMY ONE TIME FEE |
| FO0770K40 | KIT TANK WATCHDOG + FEM + MAPLY 1 YEAR        |
| FO0770K60 | KIT TANK WATCHDOG + FEM + MAPLY ONE TIME FEE  |



CAR FILLING



FUEL MANAGEMENT SYSTEMS



KITS



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METERS



METERED NOZZLES

# SELF SERVICE B.SMART

## FEATURES

- ACCESS CONTROL AND MANAGE ADBLUE® DELIVERY
- 3D FILTER INTEGRATED
- COMPACT DESIGN
- NATIVE WITH B.SMART CLOUD SOFTWARE
- KIT UPGRADE 1.0/2018 AVAILABLE

SELF SERVICE B.SMART for AdBlue® is the updated version of the famous PIUSI AdBlue® dispenser integrated with the fuel management system B.SMART! Starting from today, you can manage the consumption of AdBlue® of your fleet with this new and innovative urea dispenser.

## PERFORMANCE

UP TO

**32 L/MIN**

FLOW RATE

VOLTAGE

**AC**

POWER

**±1%**

ACCURACY



SELF SERVICE B.SMART

## PACKAGING

| CODE      | WEIGHT |     | PACKAGING    |                |         | N. BOXES / EUROPALLET |   |
|-----------|--------|-----|--------------|----------------|---------|-----------------------|---|
|           | KG     | LBS | MM           | INCH           | PCS/BOX | ✕                     |  |
| FO0748020 | 48     | 105 | 1480X490X400 | 58.3X19.3X15.7 | 1       |                       |   |



NOZZLES



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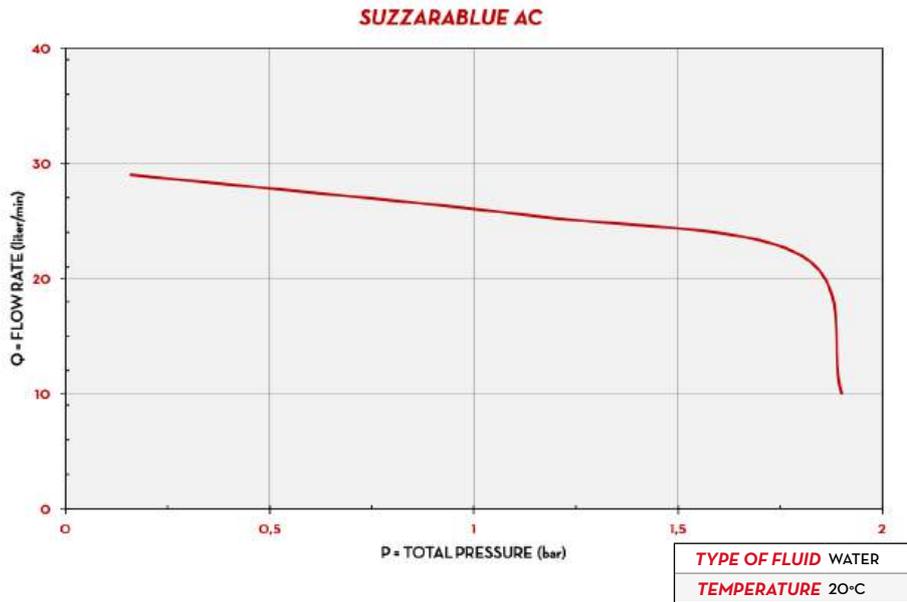


WATER

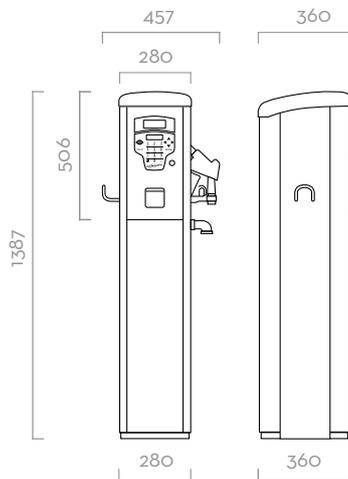


WINDSCREEN

## CHART



## DIMENSIONS



Dimensions expressed in millimeters

## IN THE BOX

- SELF SERVICE B.SMART DISPENSER
- DELIVERY HOSE
- SB325\_X NOZZLE
- DRIVER ACCESS ADD-ON
- INSTRUCTION MANUAL

## DETAILS



3D FILTER



OCIO 2.0 ON REQUEST



B.SMART CLOUD SOFTWARE



B.SMART MOBILE APP

## COMPONENTS

- **PUMP:**  
SUZZARABLU PUMP AC
- **METER:**  
K24
- **NOZZLE:**  
SB325\_X
- **FILTER:**  
3D FILTER

## TECHNICAL DATA

| CODE      | DESCRIPTION                             | FLUIDS TYPE | FLOW RATE |     | VOLTAGE |         |            | PUMP   | METER         | NOZZLE | FILTER  | INLET | HOSE      |      |        |
|-----------|---|-------------|-----------|-----|---------|---------|------------|--------|---------------|--------|---------|-------|-----------|------|--------|
|           |   |             | L/MIN     | GPM | AC V/HZ | DC VOLT | POWER WATT |        |               |        |         |       | AMP. MAX. | TYPE | LENGTH |
| FO0748020 | SELF SERV ADBLUE 230V B.SMART 10 ACCESS |             | 34        | 8,9 | 230 V   | 50 HZ   | 400 W      | 1.95 A | SUZZARABLU AC | K24    | SB325_X | YES   | 3/4"      | 6 M  | 1"     |



CAR FILLING



FUEL MANAGEMENT SYSTEMS



KITS



PUMPS



METERS



METERED NOZZLES

# MCBOX B.SMART

## FEATURES

- IDEAL FOR EXISTING PLANTS
- SUITABLE FOR ANY PUMP
- PULSE METER INPUT
- NATIVE WITH B.SMART CLOUD SOFTWARE

MCBOX B.SMART is the new advanced model of the MCBOX AdBlue® control system (electronic control panel that allows you to control any type of AC/DC pump, pulser litre-counter, nozzle and fuel level switches) integrated with the new fuel management and monitoring system PIUSI B.SMART. PIUSI MCBOX B.SMART is suitable for different applications and sectors including agriculture, automotive, logistics, and industry.

## PERFORMANCE

VOLTAGE

**AC/DC**

POWER

UP TO

**500**

STORABLE

TRANSACTIONS



MCBOX B.SMART



## PACKAGING

| CODE      | WEIGHT |      | PACKAGING   |               |         |
|-----------|--------|------|-------------|---------------|---------|
|           | KG     | LBS  | MM          | INCH          | PCS/BOX |
| FO0599000 | 5,2    | 11,5 | 300X300X180 | 11.8X11.8X7.1 | 1       |
| FO0599200 | 5,4    | 11,8 | 300X300X180 | 11.8X11.8X7.1 | 1       |
| FO0599150 | 5,4    | 11,8 | 300X300X180 | 11.8X11.8X7.1 | 1       |



NOZZLES



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## CONNECTION SCHEME



SUZZARABLU PUMP AC



K24 PULSE METER



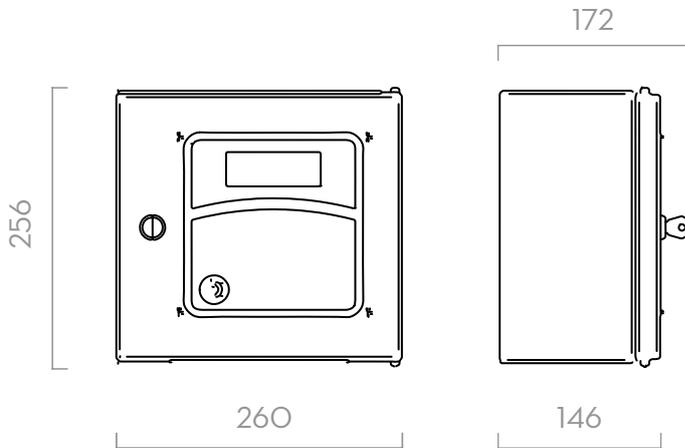
OCIO



NOZZLE SWITCH WITH SB325\_X



## DIMENSIONS



Dimensions expressed in millimeters

## IN THE BOX

- MCBOX B.SMART
- DRIVER ACCESS ADD-ON
- INSTRUCTION MANUAL

## DETAILS



EASY ACCESS TO CONNECTION



OCIO 2.0 ON REQUEST



B.SMART CLOUD SOFTWARE



B.SMART MOBILE APP

## TECHNICAL DATA

| CODE      | DESCRIPTION                        | FLUIDS TYPE | VOLTAGE               |                       |               |                           | B.SMART CLOUD SOFTWARE/APP |
|-----------|------------------------------------|-------------|-----------------------|-----------------------|---------------|---------------------------|----------------------------|
|           |                                    |             | AC VOLT/HZ<br>DC VOLT | AC VOLT/HZ<br>DC VOLT | POWER<br>WATT | AMP. MAX.<br>(load motor) |                            |
| FO0599000 | MCBOX 100-240V B.SMART 10 ACCESS   |             | 100V-240V             |                       | 5 W           | 15 A                      | INCLUDED                   |
| FO0599200 | MCBOX B.SMART 2 PUMPS - 10 DRIVERS |             | 230/50                | -                     | 5 W           | 15A                       | INCLUDED                   |
| FO0599150 | MCBOX B.SMART 12V/24V - 10 DRIVERS |             | -                     | 12/24 V               | 5 W           | 50/25                     | INCLUDED                   |



CAR FILLING



FUEL MANAGEMENT SYSTEMS



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METERED NOZZLES

# SSM2.0

## FEATURES

- TANK WATCHDOG
- DRIVERS/VEHICLES MANAGEMENT
- REPORT
- FLUID INVENTORY VALUE

The SELF SERVICE MANAGEMENT 2.0 software is the response for management and monitoring of refueling, allowing supervision of drivers, vehicles and fuel tanks. Setting up the system and getting to work has never been easier: simply connect the devices to your LAN or Wi-Fi network and click on the "Detect System" button on your PC. SELF SERVICE MANAGEMENT 2.0 will handle the rest. Use of the SELF SERVICE MANAGEMENT 2.0 software requires the new range of SELF SERVICE 2.0 dispensing devices. The ibutton key reader kit is available on request.

### PERFORMANCE

UP TO  
**1000**

DRIVERS / VEHICLES

**USB/WEB**  
SOFTWARE VERSION

INSTALLATION

### SOFTWARE ACTIVATION MODE



**USB  
HARDWARE KEY**  
without internet  
connection



**WEB  
EDITION**  
internet connection  
required





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WINDSCREEN

### CHECK

The cost of the consumption for every distance.



### VIEW

Bar charts easily allow you to analyze the liters delivered each day and compare them with the average use.

### VEHICLES

Reads the average consumption and distance driven.



### TANK MONITORING

Check the liters delivered over the period you specify.



- The system min. requirements are:
- Monitor resolution 1280x700
- CPU: Intel® Pentium® 4 or AMD Athlon® 64 processor (2 GHz or higher)
- RAM: 2 GB
- Free space on Hard Disk: 20 GB
- Operating system: Windows 10 TH1 1507 or next version, Windows Server 2016 or next version
- Database: Microsoft SQL 2019 CU16 Express (included in the installation)

### TECHNICAL DATA - USB CODE

| CODE      | DESCRIPTION      |
|-----------|------------------|
| FO0772050 | SSM 2.0 ENTRY    |
| FO077202A | SSM 2.0 ADVANCED |
| FO077204A | SSM 2.0 SUITE    |
| FO0772000 | SSM 2.0 CLIENT*  |

### TECHNICAL DATA - WEB CODE

| CODE      | DESCRIPTION                    |
|-----------|--------------------------------|
| FO0772250 | SSM 2.0 ENTRY - WEB EDITION    |
| FO077222A | SSM 2.0 ADVANCED - WEB EDITION |
| FO077224A | SSM 2.0 SUITE - WEB EDITION    |
| FO0772200 | SSM 2.0 CLIENT* - WEB EDITION  |

\* THE PURCHASE OF ADDITIONAL CLIENT LICENSES ENABLES YOU TO USE THE VARIOUS VERSIONS OF SELF SERVICE MANAGEMENT 2.0 ON MULTIPLE WORKSTATIONS.



CAR FILLING



FUEL MANAGEMENT SYSTEMS



KITS



PUMPS



METERS



METERED NOZZLES

# DATA TRANSFER SSM2.0

Among the equipment related to SSM 2.0, PIUSI has developed a set of technological solutions able to connect the electronic/mechanical device to the fluid control system, that is the software that organizes the operation of the hardware; in this case SELF SERVICE MANAGEMENT 2.0. How does data transfer with SSM2.0 work? It depends on the technology required.

## Direct downloading

Use your Manager Key to transfer the data from dispenser to PC: it is enough to touch the dispenser with the key and then use the key reader to transfer the data collected.

## LAN/Wi-Fi

The way to receive in real time all information regarding the transactions: using PWLAN or PW Wi-Fi the software recognizes the fuel dispensers and it will automatically send the data to the SELF SERVICE MANAGEMENT 2.0 software.

## Mobile Network

The brand-new PW MOBILE 4G 2.0 allows to install dispenser wherever desired, even in the most remote area, without the need of a local network: the device uses the mobile 4G technology to communicate and transfer data.





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### PW MOBILE



A new communication system that allows you to transfer data using mobile 4G network.

### KEY READER & MANAGER KEY 2.0



### LAN



A network card that allows the RS485 signal to be converted for connection to a LAN, through a simple and intuitive interface.

### PW WI-FI



A device that allows to convert the RS485 signal to Wi-Fi, through a simple and intuitive interface.

cable max 90 mt

### TECHNICAL DATA

| CODE      | DESCRIPTION      |
|-----------|------------------|
| F1271012A | PW WIFI 2.0      |
| F12710130 | PW MOBILE 4G 2.0 |
| F20552010 | MANAGER KEY 2.0  |
| F1226201A | KIT KEY READER   |



CAR FILLING



FUEL MANAGEMENT SYSTEMS



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# SELF SERVICE MC 2.0

## FEATURES

- STURDY STRUCTURE
- ALL-IN-ONE DISPENSER
- BUILT-IN LAN ADAPTER
- FRONT DOOR FOR EASY MAINTENANCE
- SSM 2.0 SOFTWARE REQUIRED
- IP55
- IDEAL FOR FUEL MANAGEMENT

The PIUSI SELF SERVICE MC 2.0 maintains all the advantages of the renown MC system integrated in an AdBlue® dispenser while granting all the 2.0 features: AdBlue® consumption monitoring and report, fleet management, vehicles and users control.

## PERFORMANCE

UP TO

**32 L/MIN**

FLOW RATE

**LAN**

CONNECTION

**±1%**

ACCURACY



SELF SERVICE MC 2.0



## PACKAGING

| CODE      | WEIGHT |     | PACKAGING    |         | N. BOXES/EUROPALLET |   |
|-----------|--------|-----|--------------|---------|---------------------|---|
|           | KG     | LBS | MM           | PCS/BOX |                     |   |
| FO074306A | 50     | 110 | 1478X488X400 | 1       | 6*                  | 4 |



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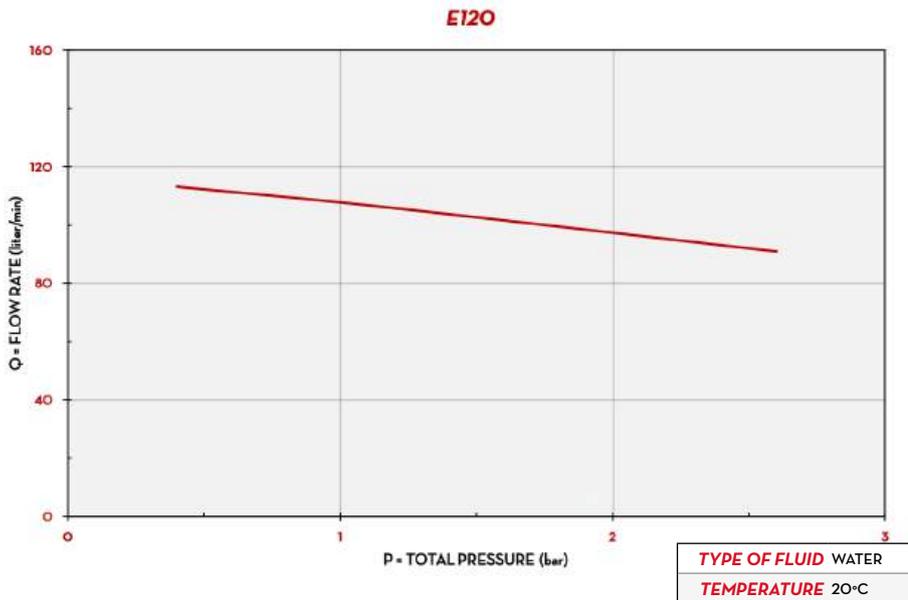


WATER

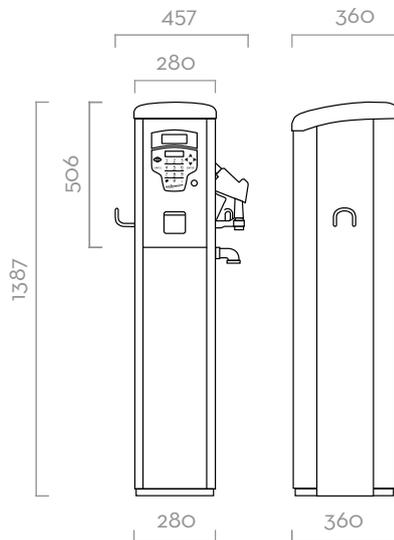


WINDSCREEN

## CHART



## DIMENSIONS



Dimensions expressed in millimeters

## IN THE BOX

- SELF SERVICE MC 2.0 DISPENSER
- DELIVERY HOSE
- SB325\_X NOZZLE
- INSTRUCTION MANUAL

## DETAILS



SSM 2.0 SOFTWARE (PAG. 34)

## COMPONENTS

- **PUMP:**  
SUZZARABLU PUMP AC
- **METER:**  
K24
- **NOZZLE:**  
SB325\_X
- **FILTER:**  
3D FILTER

## TECHNICAL DATA

| CODE      | DESCRIPTION                       | FLUIDS TYPE | FLOW RATE |     | VOLTAGE |         |            | METER | NOZZLE | FILTER | INLET | DELIVERY HOSE |           |
|-----------|-----------------------------------|-------------|-----------|-----|---------|---------|------------|-------|--------|--------|-------|---------------|-----------|
|           |                                   |             | L/MIN     | GPM | AC V/HZ | DC VOLT | POWER WATT |       |        |        |       |               | AMP. MAX. |
| FO074306A | SELF SERVICE 70 MC 2.0 FOR ADBLUE |             | 32        | 8,5 | 230/50  |         | 400        | 1,95  | K24    | SB325  | YES   | 3/4"          | 6 M       |



CAR FILLING



FUEL MANAGEMENT SYSTEMS



KITS



PUMPS



METERS



METERED NOZZLES

# MCBOX 2.0

## FEATURES

- FLEET MANAGEMENT
- SUITABLE FOR ANY PUMP
- PULSE METER INPUT
- LAN/WI-FI VERSION AVAILABLE
- SSM2.0 SOFTWARE REQUIRED

The PIUSI MCBOX 2.0 is the evolution of the MCBOX system thanks to the integration with the 2.0 features: AdBlue® consumption monitoring and report, fleet management, vehicles and users control. It is suitable to manage and control an existing pump, pulse meter and nozzle.

## PERFORMANCE

UP TO  
**1000**  
USERS / VEHICLES

**AC**  
VOLTAGE  
POWER



MCBOX 2.0



## PACKAGING

| CODE      | WEIGHT |      | PACKAGING   |                |         |
|-----------|--------|------|-------------|----------------|---------|
|           | KG     | LBS  | MM          | INCH           | PCS/BOX |
| FO059701A | 9      | 19,4 | 480X370X265 | 18,9X14,6X10,4 | 1       |
| FO059702A | 5      | 19,4 | 480X370X265 | 18,9X14,6X10,4 | 1       |



NOZZLES



FILTRATION



TANK MONITORING



HOSE REEL



ACCESSORIES



MERCHANDISE

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ANTIFREEZE



AdBlue®



BIODIESEL



DIESEL



FOOD



GASOLINE



GREASE



KEROSENE



OIL



WATER



WINDSCREEN

## CONNECTION SCHEME



## IN THE BOX

- MCBOX 2.0 UNIT
- LAN/WI-FI ADAPTER
- INSTRUCTION MANUAL

## DETAILS



SHUTTER



USER / VEHICLE KEY

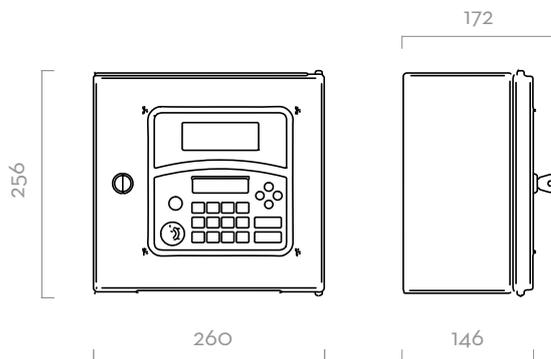


SSM 2.0 SOFTWARE (PAG. 34)



EASY ACCESS TO CONNECTION

## DIMENSIONS



Dimensions expressed in millimeters

## TECHNICAL DATA

| CODICE    | DESCRIZIONE    | TIPO LIQUIDI | TENSIONE          |           |                    | SOFTWARE SELF SERVICE MANAGEMENT 2.0 |
|-----------|----------------|--------------|-------------------|-----------|--------------------|--------------------------------------|
|           |                |              | CA V/Hz           | POTENZA W | A MAX (load motor) |                                      |
| FO059701A | MCBOX LAN 2.0  |              | 90-240V - 50/60Hz | 35        | 6,5                | REQUIRED                             |
| FO059702A | MCBOX WIFI 2.0 |              | 90-240V - 50/60Hz | 35        | 6,5                | REQUIRED                             |



CAR FILLING



FUEL MANAGEMENT SYSTEMS



KITS



PUMPS



METERS



METERED NOZZLES

# SSM AGILIS

## FEATURES

- VIRTUAL TANK MONITORING
- EASY INSTALLATION
- REPORT TRANSACTION
- CUSTOMIZABLE EXPORTS

AGILIS products can be used on their own, but with the SSM AGILIS software they become true allies of the company owner.

This software is constantly being developed and updated by PIUSI, so much so that it is the benchmark for all entry-level fuel management systems to easily, and comprehensively, monitor dispensing in every company vehicle.

**AGILIS IS THE IDEAL SYSTEM FOR SMALL & MEDIUM ENTERPRISES**

### PERFORMANCE

UP TO  
**16**

DISPENSERS

**USB/WEB**  
SOFTWARE VERSION

INSTALLATION

### SOFTWARE ACTIVATION MODE



**USB  
HARDWARE KEY**  
without internet  
connection



**WEB  
EDITION**  
internet connection  
required





NOZZLES



FILTRATION



TANK MONITORING



HOSE REEL



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AIR ANTIFREEZE AdBlue® BIODIESEL DIESEL FOOD GASOLINE GREASE KEROSENE OIL WATER WINDSCREEN

## An effective system for small and medium enterprises that use their own tanks for refuelling their work vehicles with diesel

- Offers a wide range of solutions in terms of applications, dispenser type and voltage
- Authorises access to fuel simply and automatically, by means of a PIN or yellow key
- Manages up to 250 users per dispenser
- Monitors tank level (virtual tanks only)
- Records all dispensing data
- Easy to connect to your computer in the way that suits you best: PW14, PW Mobile, PW Lan, PW Wifi, Manager Key
- Exports full, custom reports
- Works both with and without dedicated software

### BENEFITS



Prevents losses and unauthorised withdrawals



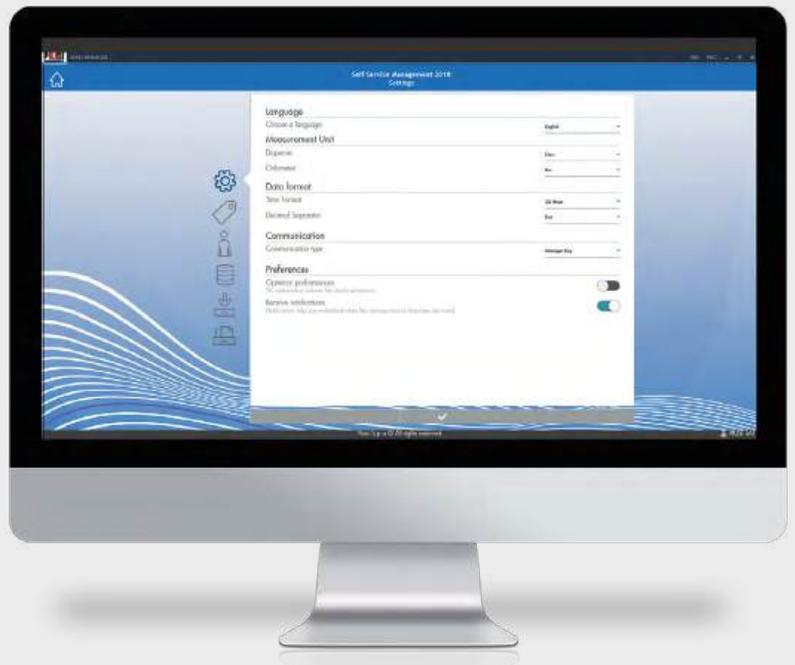
Prevents machine downtimes caused by fuel shortages



Optimises reporting, thereby freeing up company resources



Provides long service-life due to its rugged construction, high quality and ease of use



### TECHNICAL DATA

| CODE      | DESCRIPTION                          |
|-----------|--------------------------------------|
| FO0773050 | SELF SERVICE MANAGEMENT AGILIS - USB |
| FO0773250 | SELF SERVICE MANAGEMENT AGILIS - WEB |



CAR FILLING



FUEL MANAGEMENT SYSTEMS



KITS



PUMPS



METERS



METERED NOZZLES

# DATA TRANSFER AGILIS

DATA TRANSFER SSM AGILIS is a set of different solutions that let to download the transactions from the dispensers to the SELF SERVICE MANAGEMENT AGILIS software. The great variety of the offer is based on the technology required.

## Manual download

The easiest way to download the informations is through the Manager key, it is enough to touch the dispenser with the key to transfer all the transactions and download them on the software.

## Local network

Use the local network Lan/Wi-Fi to download the dispenser to your pc. By choosing between the PWLAN or PW Wi-Fi it is possible to set up a connection that let you receive all the transactions in real time.

## Mobile network

Thanks to the new PW MOBILE 4G is now possible to install all the dispensers everywhere in the world with just the need of a mobile network coverage, with SIM card, avoiding all the local network configurations.



PW14 / RS 485

MANAGER KEY

PW-LAN

PW-WIFI

PW-MOBILE





NOZZLES



FILTRATION



TANK MONITORING



HOSE REEL



ACCESSORIES



MERCHANDISE

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### PW14 / RS 485



Connection via RS485 cable with USB converter.

### KEY READER, MANAGER KEY & MANAGER KEY USB TYPE C



### PW LAN



A device that allows to convert the RS485 signal to LAN, through a simple and intuitive interface.



A device that allows to convert the RS485 signal to Wi-Fi, through a simple and intuitive interface.



A new communication system that allows you to transfer data using mobile 4G network.

### TECHNICAL DATA

| CODE      | DESCRIPTION            |
|-----------|------------------------|
| F13292000 | PW14 - USB CONVERTER   |
| F1226201A | KIT KEY READER         |
| F23525000 | MANAGER KEY USB TYPE C |
| F1249600A | MANAGER KEY            |
| F1271005A | PW-LAN                 |
| F1271004B | PW-WIFI                |
| F1271015A | PW MOBILE 4G           |



CAR FILLING



FUEL MANAGEMENT SYSTEMS



KITS



PUMPS



METERS



METERED NOZZLES

# CUBE ADBLUE AGILIS

## FEATURES

- MULTI-USER MANAGEMENT
- 3D FILTER AVAILABLE
- COMPACT DESIGN
- COMPATIBLE WITH SSM AGILIS SOFTWARE
- IP55

CUBE ADBLUE AGILIS is a private dispenser designed to simplify the transfer, dispensing, and monitoring of AdBlue® safely and reliably. Compact and modern, it is equipped with a self-priming membrane pump with a flow rate of 30 l/min, ideal for quick and efficient use. The patented SB325\_X automatic nozzle with break-away system ensures safety and precision, while the specific 3D filter guarantees impurity-free dispensing. The 6-meter delivery hose provides great operational flexibility, and the integrated microswitch automatically turns off the pump when the nozzle is placed back, ensuring convenience and safety.

## PERFORMANCE

|                          |                     |
|--------------------------|---------------------|
| UP TO<br><b>30 L/MIN</b> | UP TO<br><b>250</b> |
| FLOW RATE                | USERS               |
| <b>±1%</b>               | <b>AC</b>           |
| ACCURACY                 | VOLTAGE             |



## CUBE ADBLUE AGILIS

(THE 3D FILTER IS AVAILABLE AS NEEDED.)

## PACKAGING

| CODE      | WEIGHT |      | PACKAGING   |         | N. BOXES/EUROPALLET |    |
|-----------|--------|------|-------------|---------|---------------------|----|
|           | KG     | LBS  | MM          | PCS/BOX |                     |    |
| FO0594A00 | 22     | 48,5 | 380X380X480 | 1       | 12                  | 24 |



NOZZLES



FILTRATION



TANK MONITORING



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ACCESSORIES



MERCHANDISE

## INDEX



AIR



ANTIFREEZE



AdBlue®



BIODIESEL



DIESEL



FOOD



GASOLINE



GREASE



KEROSENE



OIL

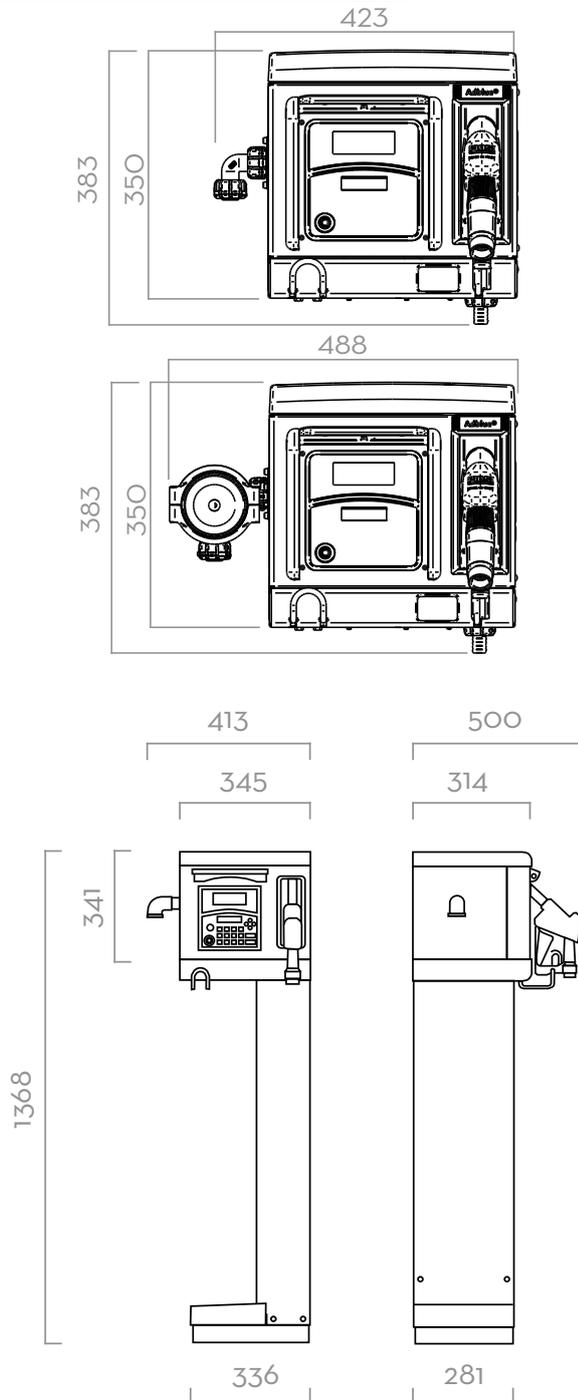


WATER



WINDSCREEN

## DIMENSIONS



Dimensions expressed in millimeters

## IN THE BOX

- DISPENSER CUBE MC ADBLUE
- 3D FILTER AVAILABLE
- DELIVERY HOSE
- AUTOMATIC NOZZLE SB325\_X

## DETAILS



## COMPONENTS

- PUMP:  
SUZZARABLUE PUMP AC
- METER:  
K24 PULSER
- NOZZLE:  
SB325\_X
- FILTER:  
3D FILTER

## TECHNICAL DATA

| CODE      | DESCRIPTION                          | FLUIDS TYPE | FLOW RATE |     | VOLTAGE |         |            | PUMP | METER            | NOZZLE     | INLET   | DELIVERY HOSE |      |        |
|-----------|--------------------------------------|-------------|-----------|-----|---------|---------|------------|------|------------------|------------|---------|---------------|------|--------|
|           |                                      |             | L/MIN     | GPM | AC V/HZ | DC VOLT | POWER WATT |      |                  |            |         | AMP. MAX.     | TYPE | LENGTH |
| FO074400B | CUBE ADBLUE MC 230V/50HZ 250U AGILIS | Ad W        | 30        | 7,9 | 230/50  |         | 400        | 1,95 | SUZZARABLUE PUMP | K24 PULSER | SB325_X | 3/4"          | 6 M  | 3,4"   |



CAR FILLING



FUEL MANAGEMENT SYSTEMS



KITS



PUMPS



METERS



METERED NOZZLES

# SELF SERVICE MC

## FEATURES

- CONTROLLED ACCESS
- BUILT-IN FILTER
- ALL-IN-ONE EQUIPMENT
- COMPACT DESIGN
- SSM AGILIS SOFTWARE ON REQUEST

The PIUSI SELF SERVICE MC is the combination of the PIUSI MC technology and the Suzzarablue product range. This AdBlue® dispenser is composed of the MC panel, the SUZZARABLUE PUMP, the SB325\_X nozzle, the K24 pulse meter and 3D FILTER.

## PERFORMANCE

|                          |                     |
|--------------------------|---------------------|
| UP TO<br><b>32 L/MIN</b> | UP TO<br><b>250</b> |
| FLOW RATE                | USERS               |
| <b>±1%</b>               |                     |
| ACCURACY                 |                     |



SELF SERVICE MC

## PACKAGING

| CODE      | WEIGHT |     | PACKAGING    |         | N. BOXES/EUROPALLET |   |
|-----------|--------|-----|--------------|---------|---------------------|---|
|           | KG     | LBS | MM           | PCS/BOX |                     |   |
| FO074400B | 50     | 110 | 1478X488X400 | 1       | 6                   | 4 |



NOZZLES



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GASOLINE



GREASE



KEROSENE



OIL



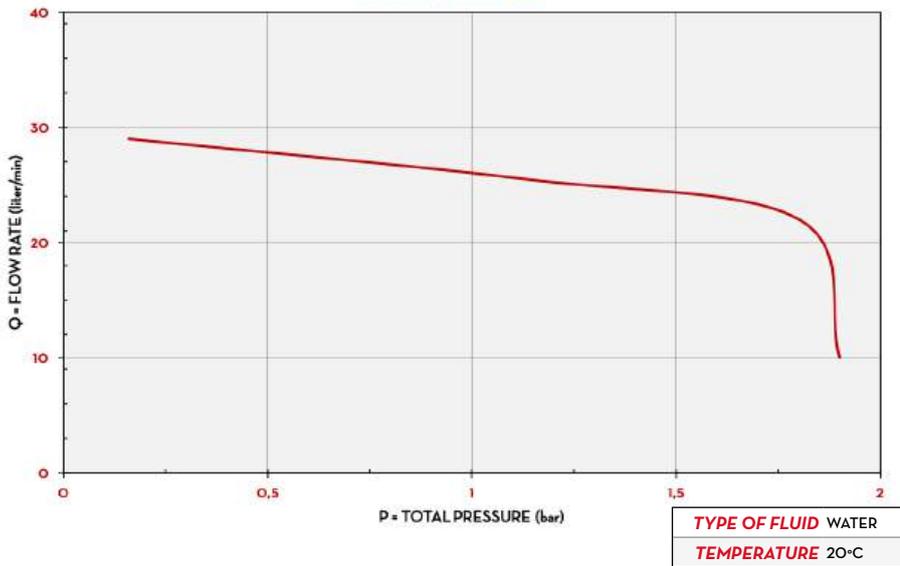
WATER



WINDSCREEN

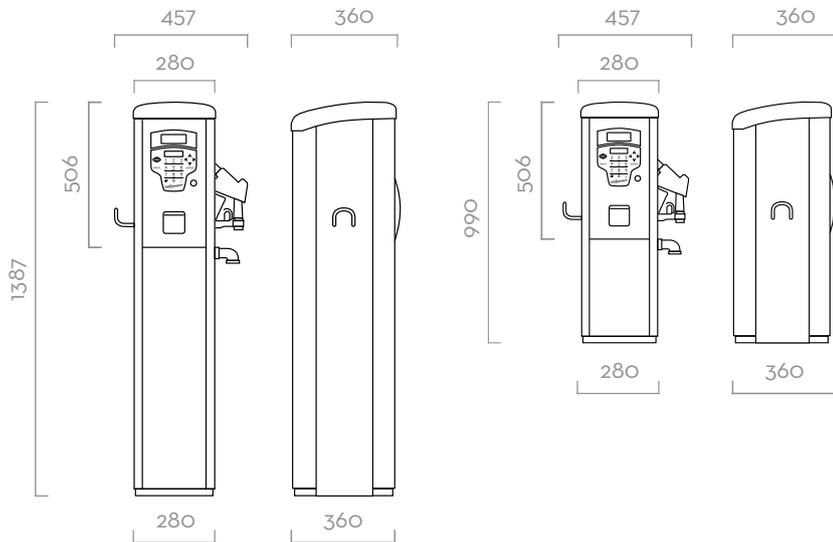
CHART

SUZZARABLUE AC



TYPE OF FLUID WATER  
TEMPERATURE 20°C

DIMENSIONS



Dimensions expressed in millimeters

IN THE BOX

- SELF SERVICE MC DISPENSER
- DELIVERY HOSE
- SB325\_X NOZZLE
- INSTRUCTION MANUAL

DETAILS



SB325\_X NOZZLE



3D FILTER



SSM AGILIS SOFTWARE

COMPONENTS

- PUMP:  
SUZZARABLUE PUMP AC
- METER:  
K24
- NOZZLE:  
SB325\_X
- FILTER:  
3D FILTER

TECHNICAL DATA

| CODE      | DESCRIPTION                      | FLUIDS TYPE | FLOW RATE |     | VOLTAGE |         |            | METER | NOZZLE | FILTER | INLET | DELIVERY HOSE |
|-----------|----------------------------------|-------------|-----------|-----|---------|---------|------------|-------|--------|--------|-------|---------------|
|           |                                  |             | L/MIN     | GPM | AC V/HZ | DC VOLT | POWER WATT |       |        |        |       |               |
| FO074400B | SELFSEV.MC ADBL 230V/50HZ AGILIS |             | 32        | 8,5 | 230/50  | 400     | 1,95       | K24   | SB325  | YES    | 3/4"  | 6 M           |



CAR FILLING



FUEL MANAGEMENT SYSTEMS



KITS



PUMPS



METERS



METERED NOZZLES

# MCBOX

## FEATURES

- ACCESS CONTROL
- SUITABLE FOR ANY PUMP
- PULSE METER INPUT
- EASY TO INSTALL
- MULTI USERS
- COMPATIBLE WITH SSM AGILIS SOFTWARE

The PIUSI MCBOX is a practical electronic multi-user control panel that allows to manage and control an existing pump, pulse meter and nozzle. Integrated with the SELF SERVICE MANAGEMENT AGILIS, it grants the possibility to download all the transactions.

## PERFORMANCE

|                     |              |
|---------------------|--------------|
| UP TO<br><b>250</b> | <b>AC/DC</b> |
| USERS               | VOLTAGE      |
|                     | POWER        |



MCBOX



## PACKAGING

| CODE      | WEIGHT |      | PACKAGING   |         | N. BOXES/EUROPALLET |  |
|-----------|--------|------|-------------|---------|---------------------|--|
|           | KG     | LBS  | MM          | PCS/BOX |                     |  |
| F1398006C | 5      | 19,4 | 480X370X265 | 1       |                     |  |



NOZZLES



FILTRATION



TANK MONITORING



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ACCESSORIES



MERCHANDISE

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AdBlue®



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DIESEL



FOOD



GASOLINE



GREASE



KEROSENE



OIL



WATER



WINDSCREEN

## CONNECTION SCHEME



SUZZARBLUE PUMP AC



K24 PULSE METER



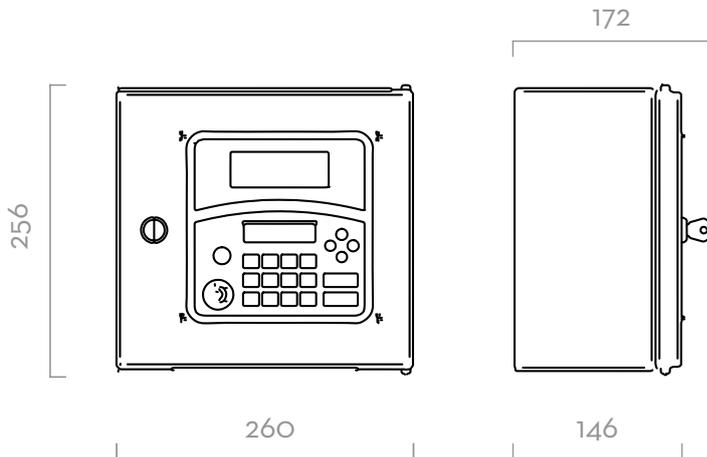
OCIO



NOZZLE SWITCH WITH SB325\_X



## DIMENSIONS



Dimensions expressed in millimeters

## IN THE BOX

- MCBOX UNIT
- INSTRUCTION MANUAL

## DETAILS



SHUTTER



SSM AGILIS SOFTWARE



EASY ACCESS TO CONNECTION



USER KEY

## TECHNICAL DATA

| CODE      | DESCRIPTION                     | FLUIDS TYPE | USERS | VOLTAGE  |            |                        | METERS |
|-----------|---------------------------------|-------------|-------|----------|------------|------------------------|--------|
|           |                                 |             |       | HZ       | POWER WATT | AMP. MAX. (load motor) |        |
| F1398006C | MCBOX 100-240V 250U UREA AGILIS |             | 250   | 50/60 Hz | 100-240V   | 15                     | -      |



# FUEL MANAGEMENT SYSTEMS

# ACCESSORIES

## B.SMART

| SELF SERVICE B.SMART | CODE      | DESCRIPTION                  |  |
|----------------------|-----------|------------------------------|--|
|                      | F22500000 | DRIVER ACCESS (X10)          | <br>F1590400A<br>F00770D00<br>F00770D10<br>F00770D20 |
|                      | FO0770D20 | DRIVER ACCESS (X50)          |  |
|                      | F1590400A | USER KEY (YELLOW KEY: 10PCS) |  |

| MCBOX B.SMART | CODE      | DESCRIPTION                  |   |
|---------------|-----------|------------------------------|---|
|               | F1270800C | KIT PEDESTAL CUBE BLACK      | <br><br><br>F1590400A F1270800C F1273700A F00770D00<br>F00770D10<br>F00770D20 |
|               | F22500000 | DRIVER ACCESS (X10)          |   |
|               | FO0770D20 | DRIVER ACCESS (X50)          |   |
|               | F1590400A | USER KEY (YELLOW KEY: 10PCS) |   |
|               | F1273700A | KIT HANG WALL                |   |

## SSM2.0

| SELF SERVICE MC 2.0 | CODE      | DESCRIPTION                   |                             |
|---------------------|-----------|-------------------------------|-----------------------------|
|                     | F1590400A | KIT DRIVER KEY YELLOW (10PCS) | <br><br>F1590400A F17299000 |
|                     | F17299000 | KIT VEHICLE KEY BLUE (10PCS)  |                             |

| MCBOX 2.0 | CODE      | DESCRIPTION                   |                             |
|-----------|-----------|-------------------------------|-----------------------------|
|           | F1590400A | KIT DRIVER KEY YELLOW (10PCS) | <br><br>F1590400A F17299000 |
|           | F17299000 | KIT VEHICLE KEY BLUE (10PCS)  |                             |

## SSM AGILIS

| SELF SERVICE MC | CODE      | DESCRIPTION                   |                             |
|-----------------|-----------|-------------------------------|-----------------------------|
|                 | F1590400A | KIT DRIVER KEY YELLOW (10PCS) | <br><br>F1590400A F1249600A |
|                 | F1249600A | MANAGER KEY                   |                             |

| MCBOX | CODE      | DESCRIPTION                          |   |
|-------|-----------|--------------------------------------|---|
|       | F1270800C | KIT PEDESTAL CUBE BLACK              | <br><br><br><br>F1270800C F1590400A F1249600A F1623900B |
|       | F1590400A | KIT DRIVER KEY YELLOW (10PCS)        |   |
|       | F17121000 | LEVEL PROBE FOR ACCESS 85            |   |
|       | F1249600A | MANAGER KEY                          |   |
|       | F1623900B | NOZZLE HOLDER SS+CABLED SWITCH FM/MC |   |





**KITS**





CAR FILLING



FUEL MANAGEMENT SYSTEMS



KITS



PUMPS



METERS



METERED NOZZLES

# SUZZARABLUE DRUM

## FEATURES

- DESIGNED FOR 200 L DRUM
- EASY TO INSTALL
- SUZZARABLUE PUMP

The PIUSI SUZZARABLUE DRUM is the solution for all the AdBlue® drum applications. Its adjustable bracket allows an easy installation on any kind of barrel.

## PERFORMANCE

UP TO

**32 L/MIN**

FLOW RATE

**AC**  
VOLTAGE  
POWER

**20 MIN**

DUTY CYCLE



**SUZZARABLUE DRUM**

## PACKAGING

| CODE      | WEIGHT |      | PACKAGING   |                |         |
|-----------|--------|------|-------------|----------------|---------|
|           | KG     | LBS  | MM          | INCH           | PCS/BOX |
| FOO20135E | 16     | 35,3 | 470X370X265 | 18,3X14,6X10,4 | 1       |
| FOO201D5C | 16     | 35,3 | 470X370X265 | 18,3X14,6X10,4 | 1       |
| FOO201E5C | 16     | 35,3 | 470X370X265 | 18,3X14,6X10,4 | 1       |



NOZZLES



FILTRATION



TANK MONITORING



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ACCESSORIES



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DIESEL



FOOD



GASOLINE



GREASE



KEROSENE



OIL

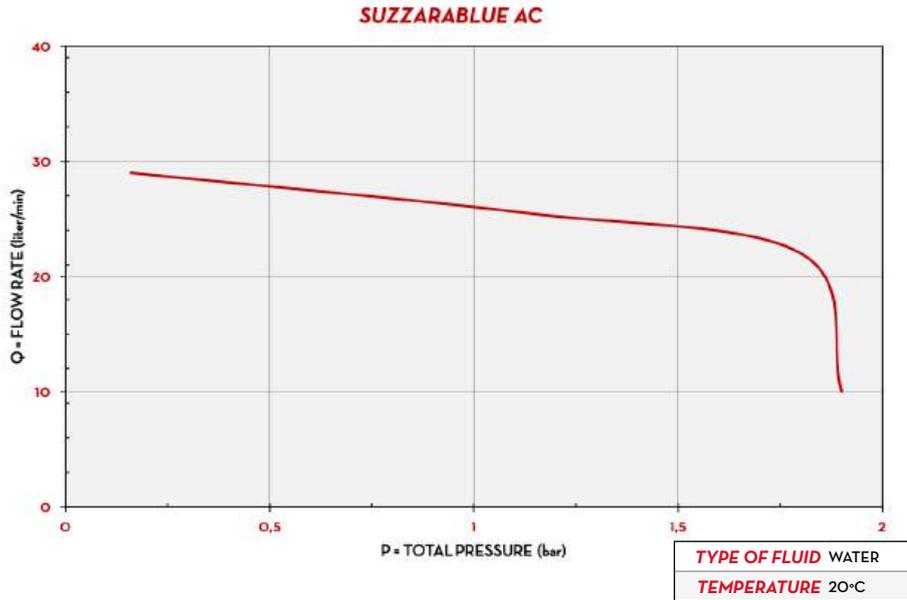


WATER

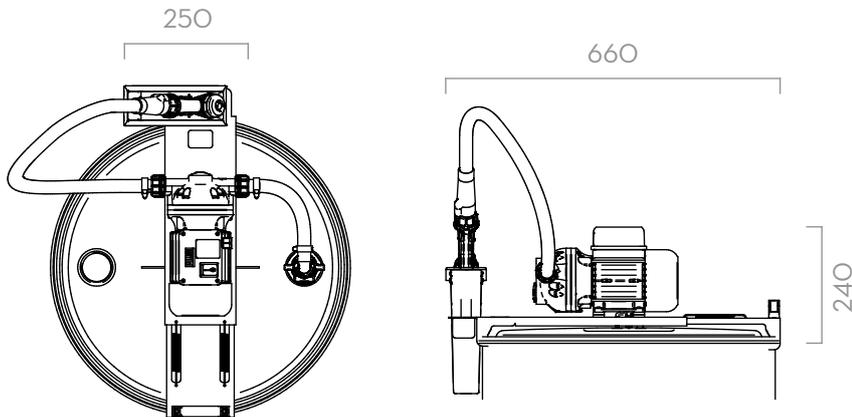


WINDSCREEN

## CHART



## DIMENSIONS



*Dimensions expressed in millimeters*

## IN THE BOX

- SUZZARABLU DRUM UNIT
- SB325\_X / SB325\_X METER NOZZLE (ON REQUEST)
- AF2 CONNECTOR
- SUCTION PIPE
- DELIVERY HOSE
- INSTRUCTION MANUAL

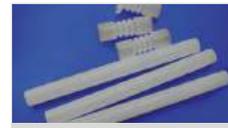
## DETAILS



SUZZARABLU PUMP AC



AF2 CONNECTOR



SUCTION PIPE

## COMPONENTS

- **PUMP:**  
SUZZARABLU PUMP AC
- **NOZZLE:**  
SB325\_X METER  
SB325\_X  
SUZZARABLU MANUAL NOZZLE

## TECHNICAL DATA

| CODE      | DESCRIPTION                             | FLUIDS TYPE | FLOW RATE |     | VOLTAGE          |            |           | METER MOD. | NOZZLE TYPE | CONNECTOR | HOSE   |      | ON/OFF SWITCH |
|-----------|---|-------------|-----------|-----|------------------|------------|-----------|------------|-------------|-----------|--------|------|---------------|
|           |   |             | L/MIN     | GPM | AC V./HZ DC VOLT | POWER WATT | AMP. MAX. |            |             |           | LENGHT | Ø    |               |
| FOO20135E | SUZZARABLU DRUM 230V/50HZ               |             | 32        | 8,5 | 230/50           | 400        | 1.95      | NO         | MAN.        | AF2       | 6 M    | 3/4" | YES           |
| FOO201D5C | SUZZARABLU DRUM 230V/50HZ - SB325_X     |             | 32        | 8,5 | 230/50           | 400        | 1.95      | NO         | SB325       | AF2       | 6 M    | 3/4" | YES           |
| FOO201E5C | SUZZARABLU DRUM 230V/50HZ - SB325_X MET |             | 32        | 8,5 | 230/50           | 400        | 1.95      | SB325_X    | SB325_X     | AF2       | 6 M    | 3/4" | YES           |



CAR FILLING



FUEL MANAGEMENT SYSTEMS



KITS



PUMPS



METERS



METERED NOZZLES

# SUZZARABLUE 3 PRO

## FEATURES

- **STURDY DESIGN**
- **RELIABILITY AND PERFORMANCE EVEN IN SUB-OPTIMAL SITUATIONS**
- **DISPENSIGN ALWAYS GUARANTEED**
- **ADBLUE® IS NEVER CONTAMINATED**
- **PERFECT FOR ALL CONDITION AND APPLICATIONS**
- **ERGONOMIC CONNECTION TO IBC**
- **WIDE RANGE OF CONFIGURATION POSSIBILITIES**
- **PIUSI METER (SB325\_X METER OR K24)**

## PERFORMANCE

|                          |                         |
|--------------------------|-------------------------|
| UP TO<br><b>35 L/MIN</b> | <b>AC/DC</b><br>VOLTAGE |
| FLOW RATE                | POWER                   |
| <b>6M</b>                | <b>20 MIN</b>           |
| DELIVERY HOSE            | DUTY CYCLE              |

SUZZARABLUE 3 PRO is the top of the PIUSI range for the transfer of AdBlue® from an IBC tank. Suitable for all working conditions and all commercial vehicles, it adds to the technical and performance characteristics of the SUZZARABLUE 3 BASIC version the precision of the K24 meter for AdBlue® or the SB325\_X METER metered nozzle for precise dispensing.



SUZZARABLUE 3 PRO



## PACKAGING

| CODE      | WEIGHT |     | PACKAGING   |                |         |
|-----------|--------|-----|-------------|----------------|---------|
|           | KG     | LBS | MM          | INCH           | PCS/BOX |
| FO0101580 | 14,5   | 32  | 480X390X310 | 19,3X15,4X12,2 | 1       |
| FO0101440 | 14,5   | 32  | 480X390X310 | 19,3X15,4X12,2 | 1       |
| FO0101420 | 14,5   | 32  | 480X390X310 | 19,3X15,4X12,2 | 1       |
| FO0101430 | 14,5   | 32  | 480X390X310 | 19,3X15,4X12,2 | 1       |
| FO010102A | 14,5   | 32  | 480X390X310 | 19,3X15,4X12,2 | 1       |
| FO010100A | 14,5   | 32  | 480X390X310 | 19,3X15,4X12,2 | 1       |



NOZZLES



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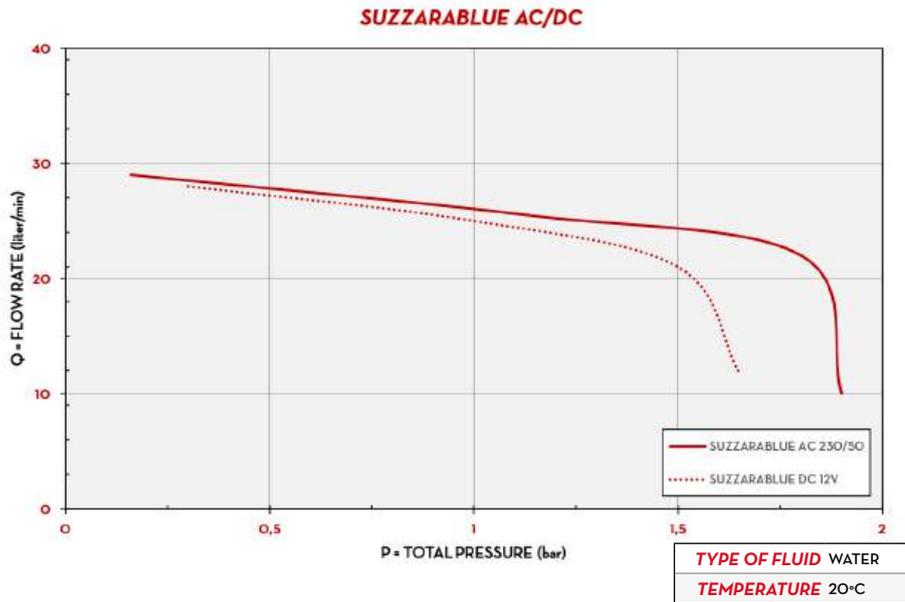


WATER

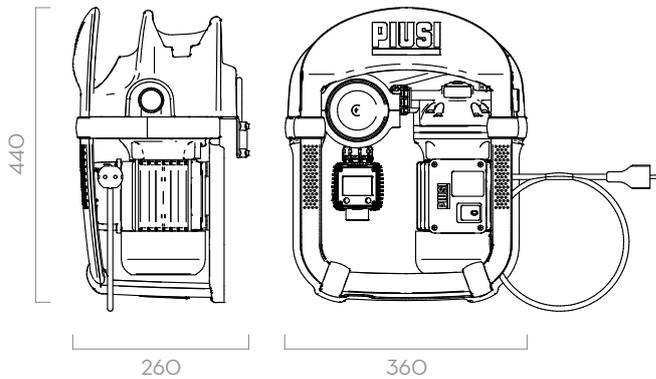


WINDSCREEN

## CHART



## DIMENSIONS



Dimensions expressed in millimeters

## IN THE BOX

- SUZZARABLU 3 UNIT
- SUCTION & DELIVERY HOSE
- MANUAL/AUTOMATIC NOZZLE
- K24 METER (ON SELECTED VERSION)
- SEC CONNECTOR (\*)
- 3D FILTER (ON SELECTED VERSION)
- INSTRUCTION MANUAL

## DETAILS



## COMPONENTS

- PUMPS:  
SUZZARABLU PUMP AC  
SUZZARABLU PUMP DC
- NOZZLE:  
SB325\_X  
SUZZARABLU A60  
SUZZARABLU MANUAL NOZZLE
- FILTER:  
3D FILTER
- METER:  
K24  
SB325\_X METER

## TECHNICAL DATA

| CODE      | DESCRIPTION                              | FLUIDS TYPE | FLOW RATE |     | VOLTAGE   | METER | NOZZLE  | 3D FILTER | IBC CONNECTOR | HOSE          |          |
|-----------|--|-------------|-----------|-----|-----------|-------|---------|-----------|---------------|---------------|----------|
|           |  |             | L/MIN     | GPM |           |       |         |           |               | SUCTION Ø 3/4 | DELIVERY |
| FOO101580 | SUZZ.BLUE3 PRO 230/50 K24/MAN/EXT        | Ad W        | 35        | 9,3 | 12V       | K24   | MANUAL  | NO        | EXT           | EXT           | EXT      |
| FOO101440 | SUZZ.BLUE3 PRO 230/50 K24/A60            | Ad W        | 35        | 9,3 | 230V 50HZ | K24   | A60     | NO        | SEC           | 1,5 M Ø20     | 6 M Ø20  |
| FOO101420 | SUZZ.BLUE3 PRO 230/50 K24/SB325/EXT      | Ad W        | 35        | 9,3 | 230V 50HZ | K24   | SB325_X | NO        | EXT           | EXT           | EXT      |
| FOO101430 | SUZZ.BLUE3 PRO 230/50 K24/SB325          | Ad W        | 35        | 9,3 | 230V 50HZ | K24   | SB325_X | NO        | SEC           | 1,5 M Ø20     | 6 M Ø20  |
| FOO10102A | SUZZ.BLUE3 PURE PRO 230/50 K24/SB325/EXT | Ad W        | 35        | 9,3 | 230V 50HZ | K24   | SB325_X | YES       | EXT           | EXT           | EXT      |
| FOO10100A | SUZZ.BLUE3 PRO PURE 230/50 K24/SB325     | Ad W        | 35        | 9,3 | 230V 50HZ | K24   | SB325_X | YES       | SEC           | 1,5 M Ø20     | 6 M Ø20  |

\*OTHER CONNECTORS AVAILABLE: AF2/EXTERNAL SUCTION

\*\* OTHER NOZZLE AVAILABLE: SB325\_X, SUZZARABLU A 60



CAR FILLING



FUEL MANAGEMENT SYSTEMS



KITS



PUMPS



METERS



METERED NOZZLES

# SUZZARABLUE 3 BASIC

## FEATURES

- **STURDY DESIGN**
- **RELIABILITY AND PERFORMANCE EVEN IN SUB-OPTIMAL SITUATIONS**
- **DISPENSIGN ALWAYS GUARANTEED**
- **ADBLUE® IS NEVER CONTAMINATED**
- **PERFECT FOR ALL CONDITION AND APPLICATIONS**
- **ERGONOMIC CONNECTION TO IBC**
- **WIDE RANGE OF CONFIGURATION POSSIBILITIES**

PIUSI SUZZARABLUE 3 BASIC, best seller in its range, is the PIUSI kit for IBC tanks specific for refilling AdBlue®. Suitable for all working conditions, SUZZARABLUE 3 BASIC is sturdy, reliable and safe over time. It is available in AC/DC version, it is equipped with the SUZZARABLUE PUMP, the 3D FILTER (in the PURE versions) and an automatic or manual nozzle.

## PERFORMANCE

UP TO

**35 L/MIN**

FLOW RATE

**AC/DC**

**VOLTAGE**

POWER

**6M**

**LENGTH**

DELIVERY HOSE

**20MIN**

DUTY CYCLE



SUZZARABLUE 3 BASIC



## PACKAGING

| CODE      | WEIGHT |     | PACKAGING   |                |         |
|-----------|--------|-----|-------------|----------------|---------|
|           | KG     | LBS | MM          | INCH           | PCS/BOX |
| FO0101400 | 14,5   | 32  | 480X390X310 | 19,3X15,4X12,2 | 1       |
| FO0101350 | 14,5   | 32  | 480X390X310 | 19,3X15,4X12,2 | 1       |
| FO0101360 | 14,5   | 32  | 480X390X310 | 19,3X15,4X12,2 | 1       |
| FO0101450 | 14,5   | 32  | 480X390X310 | 19,3X15,4X12,2 | 1       |
| FO0101410 | 14,5   | 32  | 480X390X310 | 19,3X15,4X12,2 | 1       |



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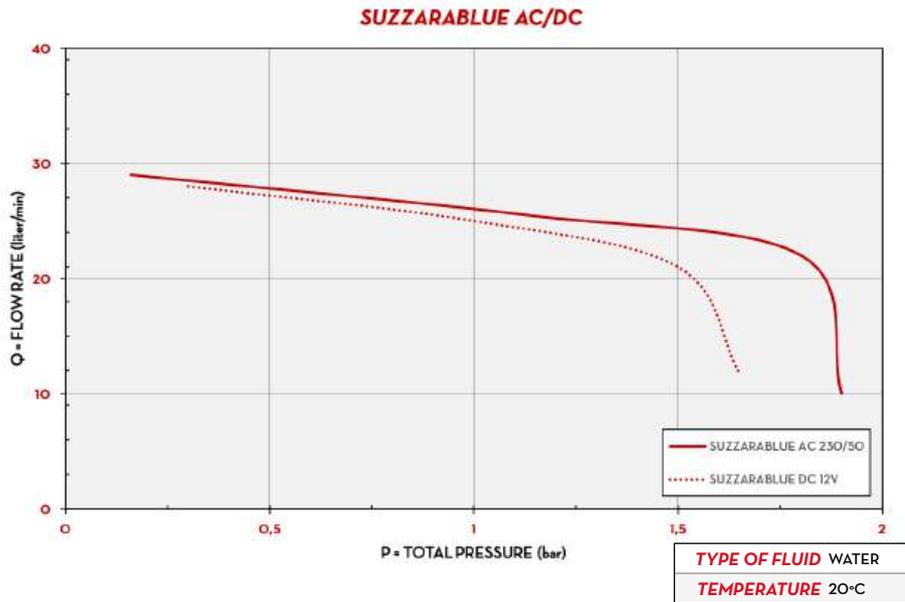


WATER

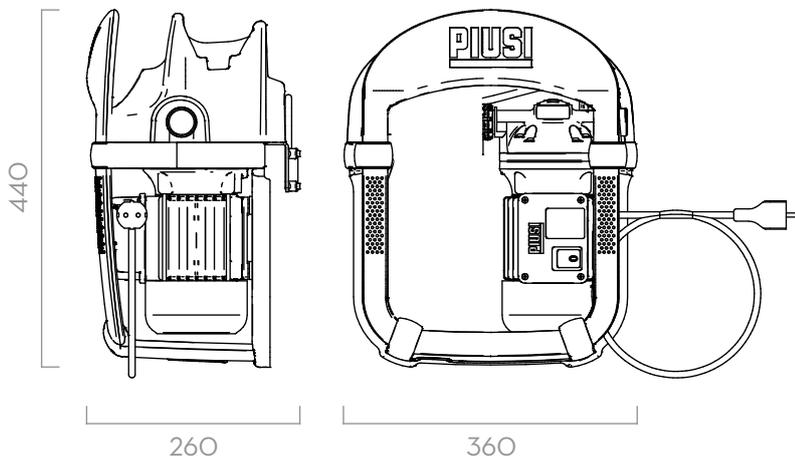


WINDSCREEN

## CHART



## DIMENSIONS



Dimensions expressed in millimeters

## IN THE BOX

- SUZZARABLU 3 UNIT
- SUCTION & DELIVERY HOSE
- MANUAL/AUTOMATIC NOZZLE
- SEC CONNECTOR (\*)
- 3D FILTER (ON SELECTED VERSION)
- INSTRUCTION MANUAL

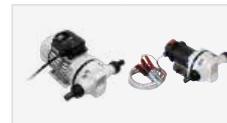
## DETAILS



SB325\_X, MANUAL NOZZLE\*\*



3D FILTER AVAILABLE



AC/DC PUMPS



SEC CONNECTOR AVAILABLE\*

## COMPONENTS

- **PUMPS:**  
SUZZARABLU PUMP AC  
SUZZARABLU PUMP DC
- **NOZZLE:**  
SB325\_X  
SUZZARABLU A60  
SUZZARABLU MANUAL NOZZLE
- **FILTER:**  
3D FILTER

## TECHNICAL DATA

| CODE      | DESCRIPTION                    | FLUIDS TYPE | FLOW RATE |     | VOLTAGE<br>POWER | METER<br>TYPE | NOZZLE<br>TYPE | 3D<br>FILTER | IBC<br>CONNECTOR | HOSE             |          |
|-----------|--------------------------------|-------------|-----------|-----|------------------|---------------|----------------|--------------|------------------|------------------|----------|
|           |                                |             | L/MIN     | GPM |                  |               |                |              |                  | SUCTION<br>Ø 3/4 | DELIVERY |
| FO0101400 | SUZZ.BLUE3 BASIC 12V M.NOZ     | (Ad) (W)    | 35        | 9,3 | 12V              | NO            | MANUAL         | NO           | SEC              | 1,5 M Ø20        | 6 M Ø20  |
| FO0101350 | SUZZ.BLUE3 BASIC 230V/50 W/A60 | (Ad) (W)    | 35        | 9,3 | 230V 50HZ        | NO            | A60            | NO           | SEC              | 1,5 M Ø20        | 6 M Ø20  |
| FO0101360 | SUZZ.BLUE3 BASIC 230V/50 W/EXT | (Ad) (W)    | 35        | 9,3 | 230V 50HZ        | NO            | MANUAL         | NO           | EXT              | EXT              | EXT      |
| FO0101450 | SUZZ.BLUE3 BASIC 230V/50 M.NOZ | (Ad) (W)    | 35        | 9,3 | 230V 50HZ        | NO            | MANUAL         | NO           | SEC              | 1,5 M Ø20        | 6 M Ø20  |
| FO0101410 | SUZZ.BLUE3 BASIC 230V/50 SB325 | (Ad) (W)    | 35        | 9,3 | 230V 50HZ        | NO            | SB325_X        | NO           | SEC              | 1,5 M Ø20        | 6 M Ø20  |

\*OTHER CONNECTORS AVAILABLE: AF2/EXTERNAL SUCTION

\*\* OTHER NOZZLE AVAILABLE: SUZZARABLU A 60



CAR FILLING



FUEL MANAGEMENT SYSTEMS



KITS



PUMPS



METERS



METERED NOZZLES

# SUZZARABLUE PORTABLE KIT

## FEATURES

- **READY TO USE**
- **TRANSPORTABLE**
- **CLAMPS FOR BATTERY CONNECTION**

Ease of use is the main feature of the PIUSI SUZZARABLUE PORTABLE KIT. The basic version of all Adblue® dispensers: it is composed by the SUZZARABLUE PUMP and SUZZARABLUE MANUAL NOZZLE.

## PERFORMANCE

UP TO

**35 L/MIN**

FLOW RATE

**AC/DC**

**VOLTAGE**

POWER

**20 MIN**

DUTY CYCLE



SUZZARABLUE PORTABLE KIT



## PACKAGING

| CODE      | WEIGHT |      | PACKAGING   |         | N. BOXES / EUROPALLET |    |
|-----------|--------|------|-------------|---------|-----------------------|----|
|           | KG     | LBS  | MM          | PCS/BOX |                       |    |
| FOO201AAA | 8      | 17,6 | 357X327X275 | 1       | 24                    | 36 |
| FOO201C7A | 10     | 22   | 357X327X275 | 1       | 24                    | 36 |



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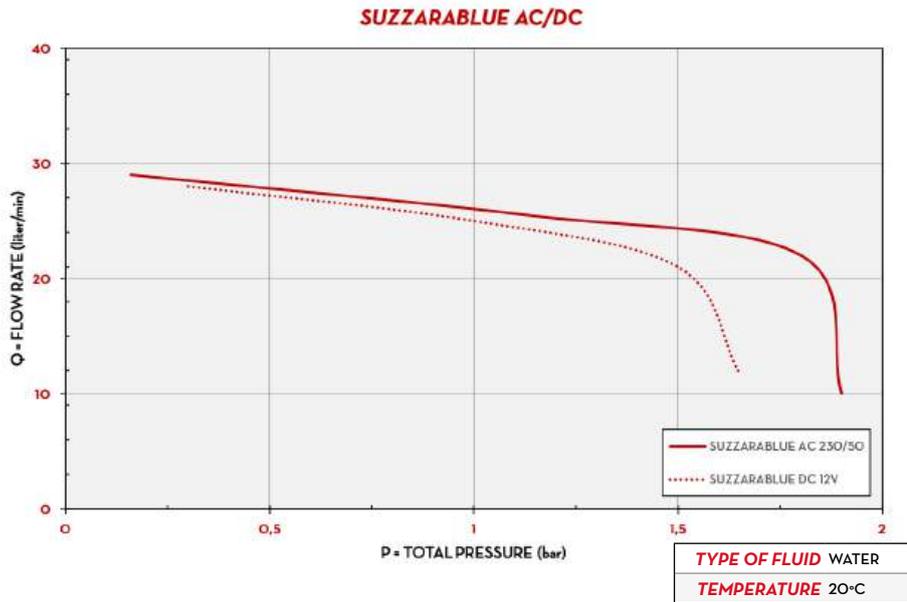


WATER



WINDSCREEN

## CHART



## IN THE BOX

- SUZZARABLU PUMP AC/DC
- MANUAL NOZZLE
- FOOT VALVE
- SUCTION/DELIVERY HOSE
- INSTRUCTION MANUAL

## DETAILS



MANUAL NOZZLE

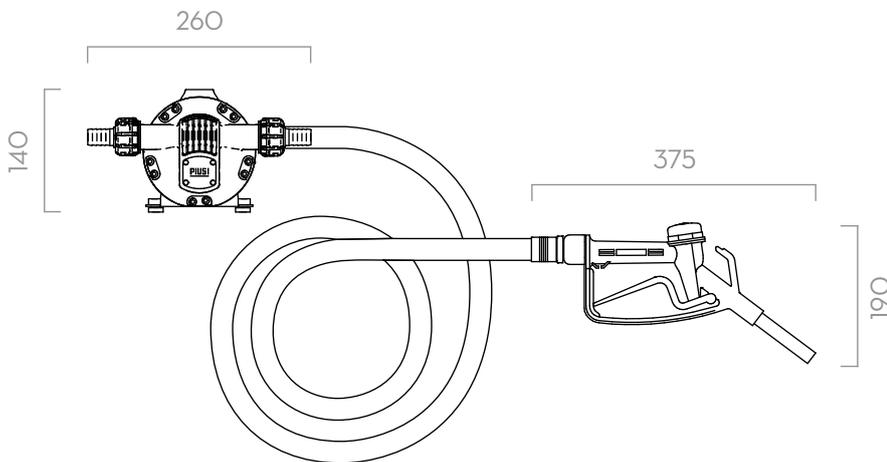


FOOT VALVE



CLAMPS

## DIMENSIONS



Dimensions expressed in millimeters

## COMPONENTS

- **PUMP:**  
SUZZARABLU PUMP AC  
SUZZARABLU PUMP DC
- **NOZZLE:**  
SUZZARABLU MANUAL NOZZLE

## TECHNICAL DATA

| CODE      | DESCRIPTION          | FLUIDS TYPE | FLOW RATE |     | VOLTAGE |         |            | NOZZLE | HOSE      |        | ON/OFF |     |
|-----------|----------------------|-------------|-----------|-----|---------|---------|------------|--------|-----------|--------|--------|-----|
|           |                      |             | L/MIN     | GPM | AC V/HZ | DC VOLT | POWER WATT |        | AMP. MAX. | LENGHT |        | Ø   |
| FO0201AAA | SUZZARABLU KIT 12V   |             | 35        | 9,2 | 12      |         | 260        | 22     | MANUAL    | 6 M    | 3/4"   | YES |
| FO0201C7A | SUZZARABLU KIT 230 V |             | 32        | 8,5 | 230/50  |         | 400        | 1,95   | MANUAL    | 6 M    | 3/4"   | YES |



CAR FILLING



FUEL MANAGEMENT SYSTEMS



KITS



PUMPS



METERS



METERED NOZZLES

# SUZZARABLUE BOX

## FEATURES

- EASY TO INSTALL
- READY TO USE
- BUILT-IN LOCK

The PIUSI SUZZARABLUE BOX is specifically designed for wall or tank installation. Is is equipped with a metallic box which allows to lock up all the equipment.

## PERFORMANCE

UP TO

**32 L/MIN**

FLOW RATE

**AC**  
VOLTAGE  
POWER

**±1%**

ACCURACY

**20 MIN**

DUTY CYCLE



**SUZZARABLUE BOX**



## PACKAGING

| CODE      | WEIGHT |      | PACKAGING   |           |         |
|-----------|--------|------|-------------|-----------|---------|
|           | KG     | LBS  | MM          | INCH      | PCS/BOX |
| FOO20196B | 25     | 55,1 | 575X320X607 | 22,6X23,9 | 1       |



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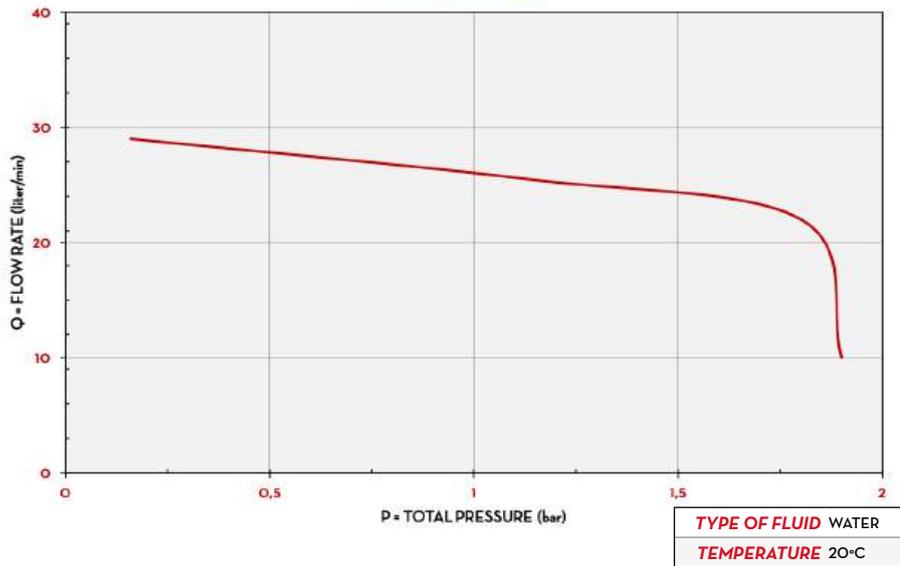
WATER



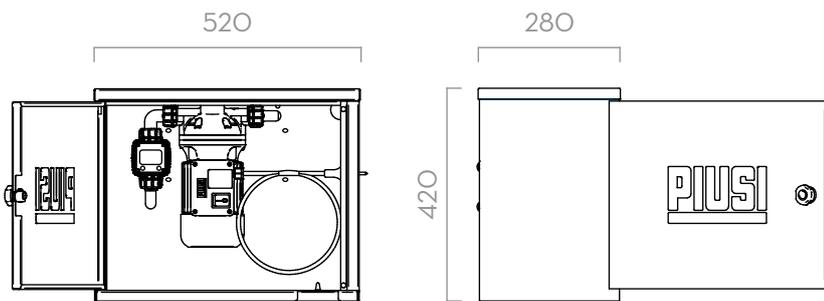
WINDSCREEN

## CHART

### SUZZARABLU AC



## DIMENSIONS



Dimensions expressed in millimeters

## IN THE BOX

- SUZZARABLU PUMP AC
- K24 METER
- NOZZLE
- INSTRUCTION MANUAL

## DETAILS



## COMPONENTS

- PUMP:  
SUZZARABLU PUMP AC
- METER:  
K24
- NOZZLE:  
SUZZARABLU A60

## TECHNICAL DATA

| CODE      | DESCRIPTION    | FLUIDS TYPE | FLOW RATE |     | VOLTAGE            |               |              | METER | NOZZLE                | HOSE LENGTH |
|-----------|----------------|-------------|-----------|-----|--------------------|---------------|--------------|-------|-----------------------|-------------|
|           |                |             | L/MIN     | GPM | AC V/HZ<br>DC VOLT | POWER<br>WATT | AMP.<br>MAX. | MOD.  | TYPE                  |             |
| FOO20196B | SUZZARABLU BOX |             | 32        | 8,5 | 230/50             | 400           | 1,95         | K24   | SUZZARABLU NOZZLE A60 | 6 M         |



# KITS ACCESSORIES

## DRUM

| SUZZARABLU DRUM   | CODE      | DESCRIPTION                |
|---|-----------|----------------------------|
|  | F20189000 | AF2 56X4 BUTTRESS - 1" BSP |
|   | F20190000 | AF2 2" BUTTRESS - 1" BSP   |
|   | F20257000 | AF2 2" BSP - 1" BSP        |
|   | F20258000 | AF2 2" 70X6 - 1" BSP       |



F20189000 / F20190000  
F20257000 / F20258000

## IBC

| SUZZARABLU 3 PRO  | CODE      | DESCRIPTION                              |
|---|-----------|--|
|  | F1206801B | SUZZARABLU CART KIT                      |
|   | F15452000 | SEC + HOSETAIL 90°                       |
|   | F20189000 | AF2 56X4 BUTTRESS / M 1" BSP             |
|   | F15515000 | KIT BOTTOM CONNECTION W/FOOT VALVE 1.5MT |
|   | F15606010 | SUCTION DIP TUBE SUZZARABLU 2" BUTT      |
|   | F15606020 | SUCTION DIP TUBE SUZZARABLU 2" BSP       |
|   | F15606000 | SUCTION DIP TUBE SUZZARABLU 56X4         |
|   | F15515010 | KIT BOTTOM CONNECTION W/FOOT VALVE 0.3MT |
|   | F1917400A | KIT FOR SB325_X WITH MISF AND MAG AD     |
|   | FO0611D40 | PIUSI 3D FILTER CARTRIDGE                |






F15452000   F1206801B   F15606000  
F15606020   F15606010   F00611D40





F20189000   F15515000  
F15515010   F1917400A

| SUZZARABLU 3 BASIC  | CODE      | DESCRIPTION                              |
|---|-----------|--|
|  | F1206801B | SUZZARABLU CART KIT                      |
|   | F15452000 | SEC + HOSETAIL 90°                       |
|   | F20189000 | AF2 56X4 BUTTRESS / M 1" BSP             |
|   | F15515000 | KIT BOTTOM CONNECTION W/FOOT VALVE 1.5MT |
|   | F15606010 | SUCTION DIP TUBE SUZZARABLU 2" BUTT      |
|   | F15606020 | SUCTION DIP TUBE SUZZARABLU 2" BSP       |
|   | F15606000 | SUCTION DIP TUBE SUZZARABLU 56X4         |
|   | F15515010 | KIT BOTTOM CONNECTION W/FOOT VALVE 0.3MT |
|   | F1917400A | KIT FOR SB325_X WITH MISF AND MAG AD     |
|   | FO0611D40 | PIUSI 3D FILTER CARTRIDGE                |






F15452000   F1206801B   F15606000  
F15606020   F15606010   F00611D40

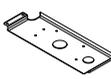




F20189000   F15515000  
F15515010   F1917400A

## ST

| SUZZARABLU BOX  | CODE      | DESCRIPTION                         |
|---|-----------|-------------------------------------|
|  | F1611800D | KIT COMPLETE BOX FOR SUZZARABLU BOX |
|   | F20300000 | PLATE SUZZ.BLU BOX - PEDESTAL CUBE  |
|   | F1270800C | KIT PEDESTAL CUBE BLACK             |


F1270800C   F20300000   F1611800D





**PUMPS**

A large, solid red triangle is positioned in the bottom right corner of the page, pointing towards the top right. The rest of the page is white.



CAR FILLING



FUEL MANAGEMENT SYSTEMS



KITS



PUMPS



METERS



METERED NOZZLES

# SUZZARABLU PUMP AC

## FEATURES

- **READY TO USE**
- **MULTI-PURPOSE PUMP**
- **SELF PRIMING**
- **BUILT-IN BYPASS VALVE**

The PIUSI SUZZARABLU PUMP AC is the most famous diaphragm pump for AdBlue®. It is equipped with electric motor without any dynamic seals. This solution allows to obtain a reliable industrial pump together with self priming capabilities.

## PERFORMANCE

UP TO

**32 L/MIN**

FLOW RATE

**20 MIN**

DUTY CYCLE



SUZZARABLU PUMP AC



## PACKAGING

| CODE      | WEIGHT |      | PACKAGING   |         | N. BOXES/EUROPALLET |    |
|-----------|--------|------|-------------|---------|---------------------|----|
|           | KG     | LBS  | MM          | PCS/BOX |                     |    |
| FOO203090 | 7      | 15,4 | 350X180X280 | 1       | 60                  | 84 |
| FOO203200 | 7      | 15,4 | 350X180X280 | 1       | 60                  | 84 |



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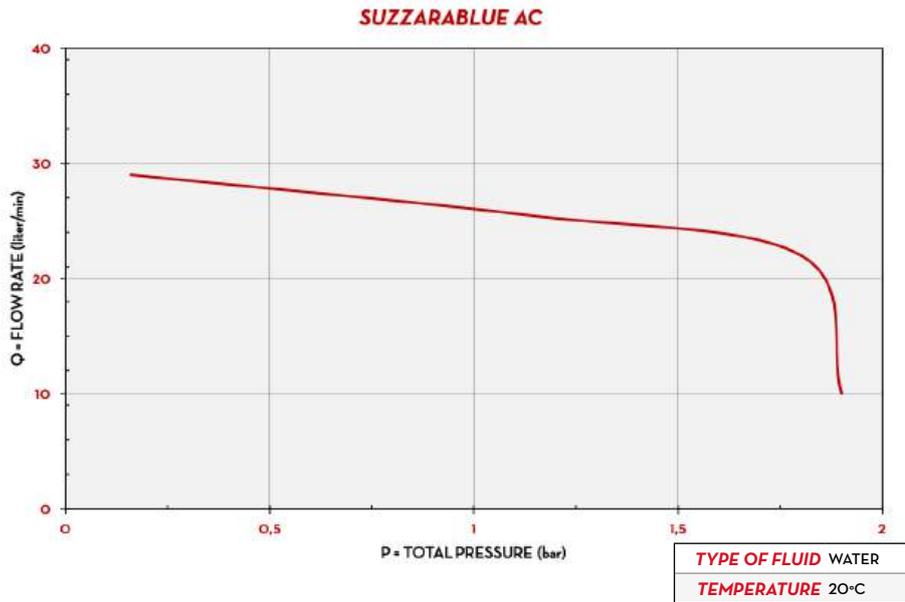


WATER



WINDSCREEN

## CHART



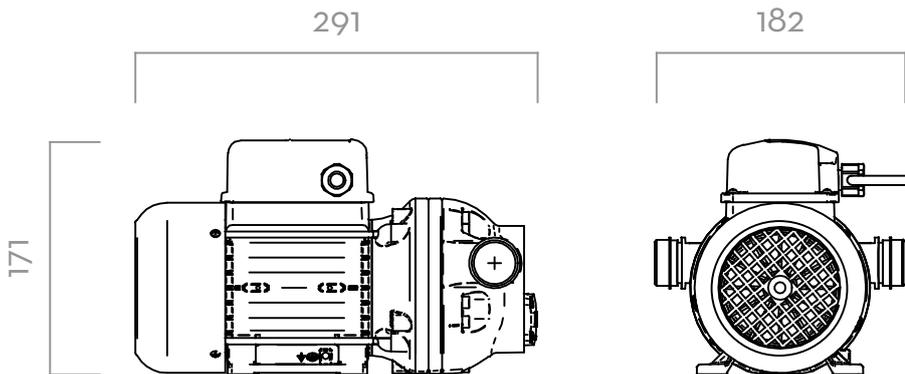
## IN THE BOX

- SUZZARABLU PUMP AC
- HOSE FITTINGS
- INSTRUCTION MANUAL

## DETAILS



## DIMENSIONS



Dimensions expressed in millimeters

## MATERIALS

- BODY: POLIPROPYLENE
- DIAPHRAGM: POLIPROPYLENE

## TECHNICAL DATA

| CODE      | DESCRIPTION                             | FLUIDS TYPE | FLOW RATE |     | VOLTAGE          |      |            | CABLES | INLET-OUTLET | ON/OFF |           |
|-----------|---|-------------|-----------|-----|------------------|------|------------|--------|--------------|--------|-----------|
|           |   |             | L/MIN     | GPM | AC V./HZ DC VOLT | RPM  | POWER WATT |        |              |        | AMP. MAX. |
| FOO203090 | SUZZARABLU AC PUMP 230/50               |             | 32        | 8,5 | 230/50           | 1450 | 400        | 1,95   | YES          | 3/4"   | YES       |
| FOO203200 | POMPA A MEMBRANA N 230/50HZ +CAVO+TIMER |             | 32        | 8,5 | 230/50           | 1450 | 400        | 1,95   | YES          | 3/4"   | YES       |

UPON REQUEST IT IS AVAILABLE WITH DIFFERENT VOLTAGE AND FREQUENCY.



CAR FILLING



FUEL MANAGEMENT SYSTEMS



KITS



PUMPS



METERS



METERED NOZZLES

# SUZZARABLU PUMP DC

## FEATURES

- **READY TO USE**
- **MULTI-PURPOSE PUMP**
- **SELF PRIMING**
- **BUILT-IN BYPASS VALVE**

The PIUSI SUZZARABLU PUMP DC is an electric DC diaphragm pump suitable for transferring AdBlue®. This self-priming pump is equipped with a built-in pressure by-pass.

## PERFORMANCE

UP TO

**35 L/MIN**

FLOW RATE

**20 MIN**

DUTY CYCLE



SUZZARABLU PUMP DC



## PACKAGING

| CODE      | WEIGHT |     | PACKAGING   |         | N. BOXES/EUROPALLET |    |
|-----------|--------|-----|-------------|---------|---------------------|----|
|           | KG     | LBS | MM          | PCS/BOX |                     |    |
| FO0204080 | 3,6    | 7,9 | 350X180X280 | 1       | 60                  | 84 |
| FO0204090 | 3,6    | 7,9 | 350X180X280 | 1       | 60                  | 84 |



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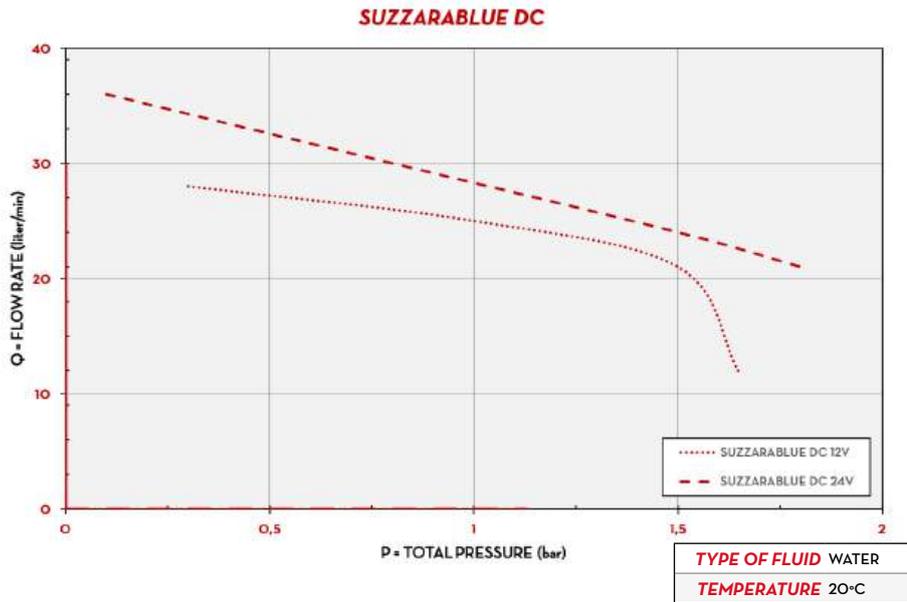


WATER



WINDSCREEN

## CHART



## IN THE BOX

- SUZZARABLU PUMP DC
- CLAMPS
- INSTRUCTION MANUAL

## DETAILS

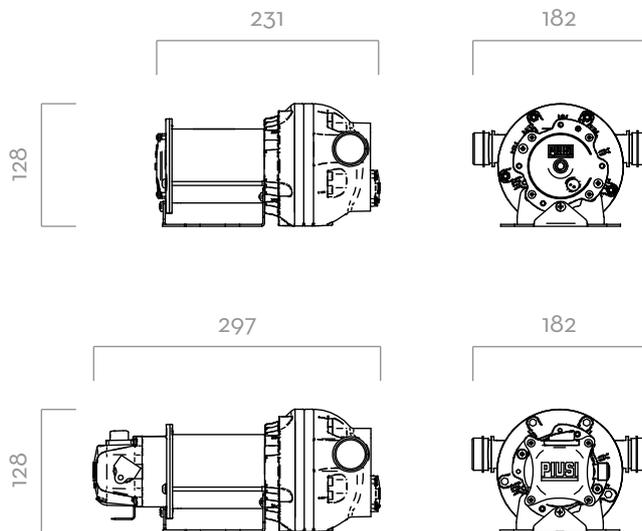


ON/OFF SWITCH



CLAMPS

## DIMENSIONS



Dimensions expressed in millimeters

## MATERIALS

- BODY: POLIPROPYLENE
- DIAPHRAGM: POLIPROPYLENE

## TECHNICAL DATA

| CODE      | DESCRIPTION            | FLUIDS TYPE | FLOW RATE |     | VOLTAGE            |      |            | CABLES | INLET-OUTLET | ON/OFF |           |
|-----------|------------------------|-------------|-----------|-----|--------------------|------|------------|--------|--------------|--------|-----------|
|           |                        |             | L/MIN     | GPM | AC V/HZ<br>DC VOLT | RPM  | POWER WATT |        |              |        | AMP. MAX. |
| FOO204080 | SUZZARABLU DC PUMP 12V |             | 35        | 9,2 | 12                 | 2600 | 260        | 22     | YES          | 3/4"   | YES       |
| FOO204090 | SUZZARABLU DC PUMP 24V |             | 35        | 9,2 | 24                 | 2600 | 310        | 10     | YES          | 3/4"   | YES       |



CAR FILLING



FUEL MANAGEMENT SYSTEMS



KITS



PUMPS



METERS



METERED NOZZLES

# SQUALO35

## FEATURES

- HEAVY DUTY
- REGENERATIVE TURBINE
- INTEGRATED PRESSURE REGULATOR
- BUILT-IN NON RETURN VALVE

SQUALO35 is the first submersible pump for AdBlue® to have been especially developed and tested for distribution systems. A centrifugal pump fitted with a turbine regenerator with non-return valve and a built-in innovative pressure regulation system that optimises flow rate performance levels. Consistent flow rate and accuracy during delivery dramatically reduce energy consumption levels. The compact size and special pump design make for easy installation and near complete emptying of the intended installation tank.

SUBLOCK is guaranteed IP55 on the top and is made of advanced technopolymer, with the exception for other parts that need extra robustness that are stainless steel. It integrates an anti-syphon system. Moreover, it represents the safest way to fix the SQUALO35 pump and related items to the tank. A practical pump hanging system that helps to prevent any transport damage to the tank, as it avoids impacts caused by movements or vibrations. It has been engineered to be fully compatible with most tanks available on the market.

## PERFORMANCE

UP TO  
**35 L/MIN**  
FLOW RATE

**AC**  
VOLTAGE  
POWER

**30 MM**  
DEAD LEVEL



## SUBLOCK

Junction Cap for hose and cables  
SQUALO35-on-tank connection:

- delivery hose
- power
- level indicator
- flow meter



SUBLOCK



SQUALO35

## PACKAGING

| CODE      | WEIGHT |      | PACKAGING   |               |         |
|-----------|--------|------|-------------|---------------|---------|
|           | KG     | LBS  | MM          | INCH          | PCS/BOX |
| FO020602A | 7      | 15,4 | 510X240X150 | 20X9,4X5,6    | 1       |
| FO0206A00 | 8,5    | 18,7 | 400X290X250 | 15,7X11,4X9,8 | 1       |



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AdBlue®



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KEROSENE



OIL

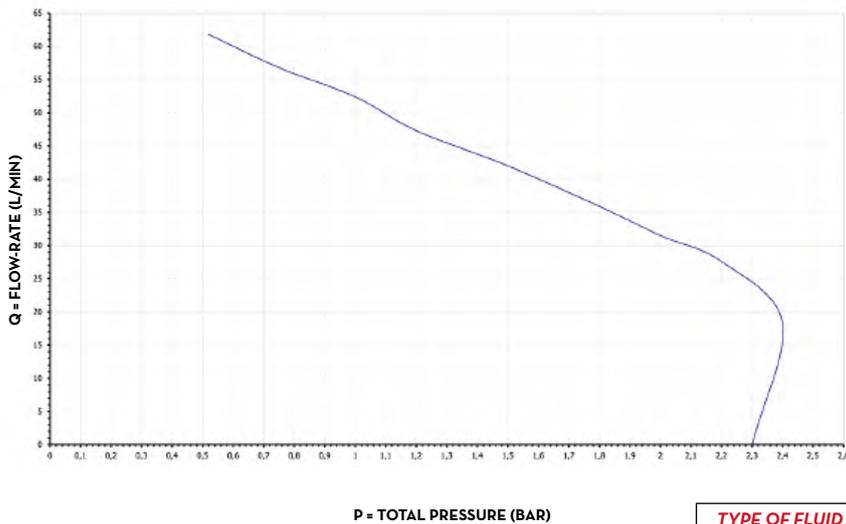


WATER



WINDSCREEN

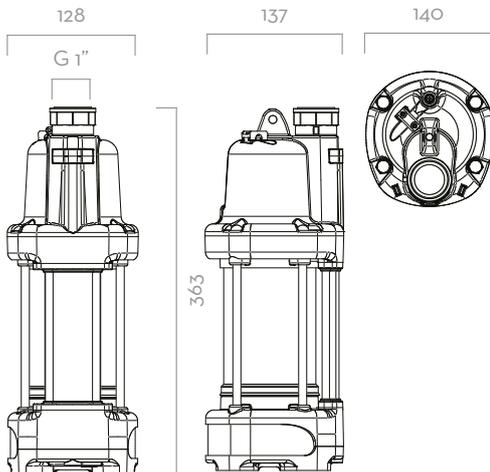
## CHART



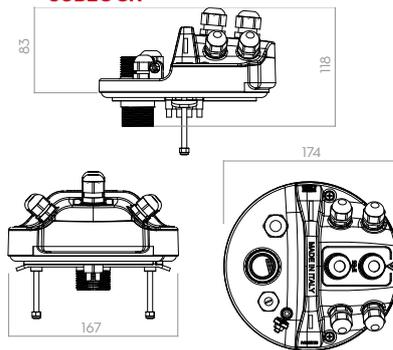
TYPE OF FLUID WATER  
TEMPERATURE 20°C

## DIMENSIONS

### SQUALO35



### SUBLOCK

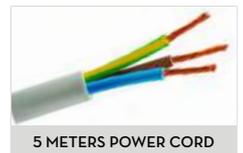


Dimensions expressed in millimeters

## IN THE BOX

- SQUALO35
- KIT SQUALO35 SUBLOCK
- INSTRUCTION MANUAL

## DETAILS



## MATERIALS

- BODY: STAINLESS STEEL/TECHNOPOLYMER
- TURBINE: TECHNOPOLYMER

## TECHNICAL DATA

| CODICE    | DESCRIPTION                            | FLUIDS TYPE | WORKING PRESSURE | FLOW RATE |     | VOLTAGE      |      | DEAD LEVEL | POWER CORD |
|-----------|--|-------------|------------------|-----------|-----|--------------|------|------------|------------|
|           |  |             |                  | L/MIN     | GPM | CA V/HZ CC V | WATT |            |            |
| FOO20602A | SQUALO35 230/50 TIMER                  |             | 1,8 BAR 27 PSI   | 35        | 7,7 | 230/50       | 560  | 30 MM      | 5 M        |
| FOO206A00 | KIT SQUALO35 SUBLOCK 230/50-60HZ TIMER |             | 1,8 BAR 27 PSI   | 35        | 7,7 | 230/50       | 560  | 30 MM      | 5 M        |



CAR FILLING



FUEL MANAGEMENT SYSTEMS



KITS



PUMPS



METERS



METERED NOZZLES

# MP 130

## FEATURES

- IN/OUT INTERCHANGEABLE
- BUILT-IN DIFFUSER
- SUITABLE FOR SUBMERSIBLE INSTALLATION
- HEAVY DUTY
- EASY TO FIT
- STURDY DESIGN

The PIUSI MP 130 is a pneumatic diaphragm pump suitable for transferring AdBlue®. Thanks to its small size, this pump is easy to fit. It is self-priming and it can run dry without damage.

### PERFORMANCE

UP TO

**50 L/MIN**

FLOW RATE

MAX CAPACITY

**5M**

SELF PRIMING

MAX

**7 BAR**

AIR SUPPLY  
PRESSURE

MAX

**Ø 4MM**

PASSING SOLID



MP 130



### PACKAGING

| CODE      | WEIGHT |     | PACKAGING   |             |         |
|-----------|--------|-----|-------------|-------------|---------|
|           | KG     | LBS | MM          | INCH        | PCS/BOX |
| FOO208POO | 3,6    | 7,9 | 220X310X320 | 8,7X12X12,6 | 1       |



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KEROSENE



OIL

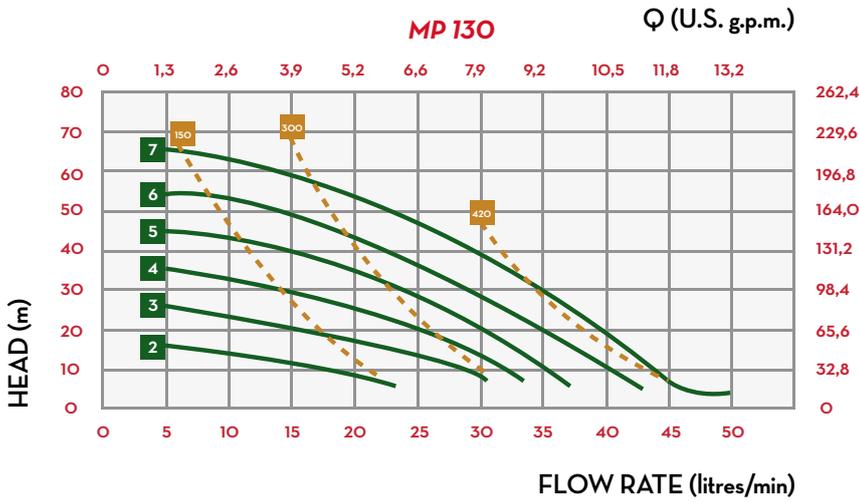


WATER



WINDSCREEN

## CHART



## IN THE BOX

- MP 130 PUMP
- INSTRUCTION MANUAL

## DETAILS



HEAVY DUTY MATERIALS



TECHNOPOLYMER BODY

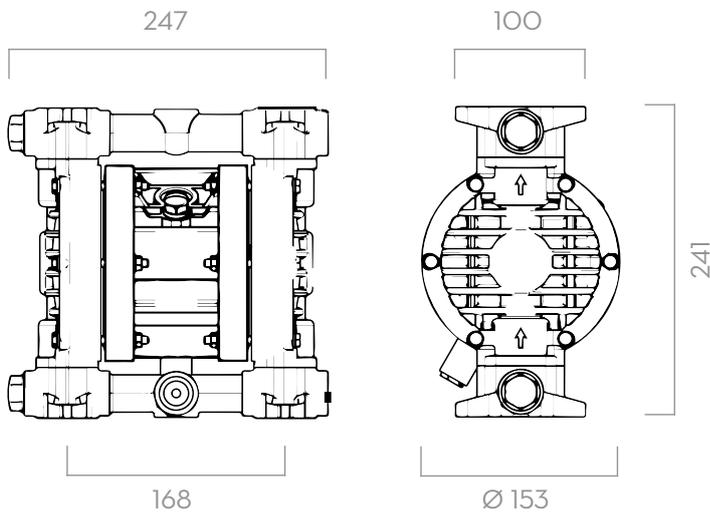


STURDY DESIGN

## MATERIALS

- BODY: TECHNOPOLYMER
- SIDE PARTS AND COLLECTORS: POLYPROPYLENE
- DIAPHRAGM: EPDM

## DIMENSIONS



Dimensions expressed in millimeters

## TECHNICAL DATA

| CODE      | DESCRIPTION  | FLUIDS TYPE | PUMP BODY     | IN / OUT | FLOW RATE<br>L/MIN | MEMBRANE TYPE | DIAPHRAGM<br>AIR SIDE/<br>FLUID SIDE | BALLS | BALL SEATS*   | O-RING* | INTAKE /<br>DELIVERY<br>CONNECTION | AIR<br>CONNECTION | MAX<br>SELF-PRIMING<br>CAPACITY | MAX<br>HEAD** | MAX AIR<br>SUPPLY<br>PRESSURE | MAX Ø OF<br>PASSING<br>SOLID |
|-----------|--------------|-------------|---------------|----------|--------------------|---------------|--------------------------------------|-------|---------------|---------|------------------------------------|-------------------|---------------------------------|---------------|-------------------------------|------------------------------|
|           |              |             |               |          |                    |               |                                      |       |               |         |                                    |                   | M                               | M             | BAR                           | MM                           |
| FOO208POO | PIUSI MP 130 |             | POLYPROPYLENE | 1/2" G   | 50                 | DOUBLE        | PTFE/<br>HYTREL                      | PTFE  | POLYPROPYLENE | PTFE    | G 1/2" F                           | G 3/8" F          | 5                               | 70            | 7                             | 4                            |

(\*) ON REQUEST WE CAN PROVIDE MEMBRANES, BALLS, BALL SEATS AND O-RINGS IN DIFFERENT MATERIALS.  
 (\*\*) THE VALUE DEPENDS ON THE CONFIGURATION OF THE PUMP



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FUEL MANAGEMENT SYSTEMS



KITS



PUMPS



METERS



METERED NOZZLES

# MP 140

## FEATURES

- IN/OUT INTERCHANGEABLE
- BUILT-IN DIFFUSER
- SUITABLE FOR SUBMERSIBLE INSTALLATION
- HEAVY DUTY
- EASY TO FIT
- STURDY DESIGN

The PIUSI MP 140 is a long-lasting pneumatic diaphragm pump suitable for transferring AdBlue®. The small size of this pump allows a wide range of installations, even in severe duty conditions.

### PERFORMANCE

|   |                                      |
|---|--------------------------------------|
| UP TO<br><b>100 L/MIN</b>                     | MAX CAPACITY<br><b>6M</b>            |
| FLOW RATE                                     | SELF PRIMING                         |
| MAX<br><b>7 BAR</b><br>AIR SUPPLY<br>PRESSURE | MAX<br><b>Ø 4MM</b><br>PASSING SOLID |



MP 140



### PACKAGING

| CODE      | WEIGHT |     | PACKAGING   |             |         |
|-----------|--------|-----|-------------|-------------|---------|
|           | KG     | LBS | MM          | INCH        | PCS/BOX |
| FO0208P20 | 5      | 11  | 240X380X350 | 9.4X15X13.8 | 1       |



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GASOLINE



GREASE



KEROSENE



OIL

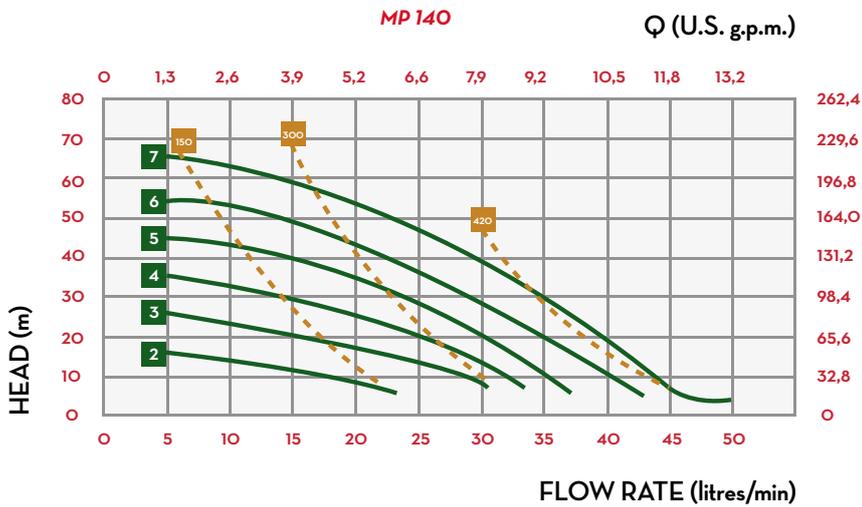


WATER



WINDSCREEN

## CHART



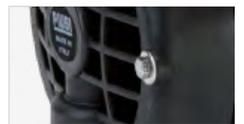
## IN THE BOX

- MP 140 PUMP
- INSTRUCTION MANUAL

## DETAILS



HEAVY DUTY MATERIALS

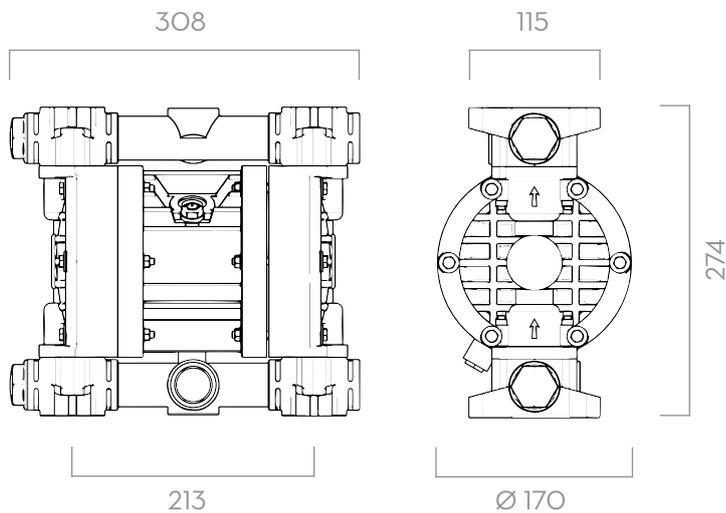


TECHNOPOLYMER BODY



STURDY DESIGN

## DIMENSIONS



Dimensions expressed in millimeters

## MATERIALS

- BODY: TECHNOPOLYMER
- SIDE PARTS AND COLLECTORS: POLYPROPYLENE
- DIAPHRAGM: EPDM

## TECHNICAL DATA

| CODE      | DESCRIPTION  | FLUIDS TYPE | PUMP BODY     | IN / OUT | FLOW RATE | MEMBRANE TYPE | DIAPHRAGM AIR SIDE / FLUID SIDE | BALLS | BALL SEATS*   | O-RING* | INTAKE / DELIVERY CONNECTION | AIR CONNECTION | MAX SELF-PRIMING CAPACITY | MAX HEAD** | MAX AIR SUPPLY PRESSURE | MAX Ø OF PASSING SOLID |
|-----------|--------------|-------------|---------------|----------|-----------|---------------|---------------------------------|-------|---------------|---------|------------------------------|----------------|---------------------------|------------|-------------------------|------------------------|
|           |              |             |               |          | L/MIN     |               |                                 |       |               |         |                              |                | M                         | M          | BAR                     | MM                     |
| FOO208P20 | PIUSI MP 140 |             | POLYPROPYLENE | 1" G     | 100       | DOUBLE        | PTFE / HYTREL                   | PTFE  | POLYPROPYLENE | PTFE    | G 1" F                       | G 3/8" F       | 6                         | 70         | 7                       | 4                      |

(\*) ON REQUEST WE CAN PROVIDE MEMBRANES, BALLS, BALL SEATS AND O-RINGS IN DIFFERENT MATERIALS.

(\*\*) THE VALUE DEPENDS ON THE CONFIGURATION OF THE PUMP



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METERED NOZZLES

# MP 180

## FEATURES

- IN/OUT INTERCHANGEABLE
- LONG LIFE DIAPHRAGM
- BUILT-IN DIFFUSER
- SUITABLE FOR SUBMERSIBLE INSTALLATIONS
- MULTI-PURPOSE PUMP
- STURDY DESIGN

The PIUSI MP 180 is a long-lasting pneumatic diaphragm pump suitable for an heavy duty usage. Thanks to its characteristics, this multi-purpose pump allows a range of wide installations including potentially explosive conditions.

### PERFORMANCE

|   |                                      |
|---|--------------------------------------|
| UP TO<br><b>150 L/MIN</b>                     | MAX CAPACITY<br><b>5M</b>            |
| FLOW RATE                                     | SELF PRIMING                         |
| MAX<br><b>7 BAR</b><br>AIR SUPPLY<br>PRESSURE | MAX<br><b>Ø 4MM</b><br>PASSING SOLID |



MP 180



### PACKAGING

| CODE      | WEIGHT |      | PACKAGING   |                |         |
|-----------|--------|------|-------------|----------------|---------|
|           | KG     | LBS  | MM          | INCH           | PCS/BOX |
| FOO208P30 | 7,5    | 16,5 | 270X390X400 | 10,6X15,4X15,7 | 1       |



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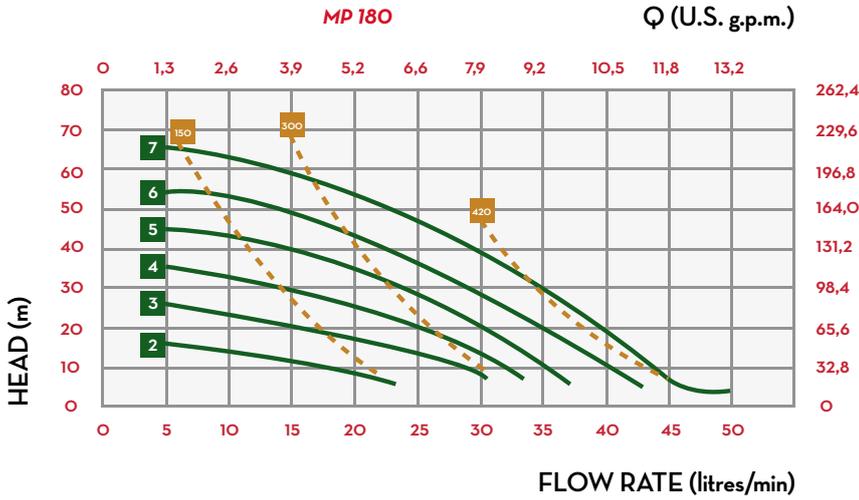


WATER



WINDSCREEN

## CHART



## IN THE BOX

- MP 180 PUMP
- INSTRUCTION MANUAL

## DETAILS



HEAVY DUTY MATERIALS

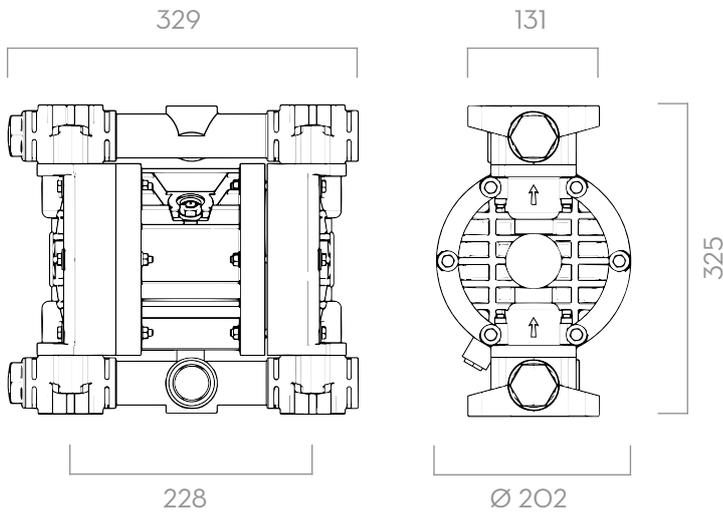


TECHNOPOLYMER BODY



STURDY DESIGN

## DIMENSIONS



Dimensions expressed in millimeters

## MATERIALS

- BODY: TECHNOPOLYMER
- SIDE PARTS AND COLLECTORS: POLYPROPYLENE
- DIAPHRAGM: EPDM

## TECHNICAL DATA

| CODE      | DESCRIPTION  | FLUIDS TYPE | PUMP BODY     | IN / OUT | FLOW RATE | MEMBRANE TYPE | DIAPHRAGM AIR SIDE / FLUID SIDE | BALLS | BALL SEATS*   | O-RING* | INTAKE / DELIVERY CONNECTION | AIR CONNECTION | MAX SELF-PRIMING CAPACITY | MAX HEAD** | MAX AIR SUPPLY PRESSURE | MAX Ø OF PASSING SOLID |
|-----------|--------------|-------------|---------------|----------|-----------|---------------|---------------------------------|-------|---------------|---------|------------------------------|----------------|---------------------------|------------|-------------------------|------------------------|
|           |              |             |               |          | L/MIN     |               |                                 |       |               |         |                              |                | M                         | M          | BAR                     | MM                     |
| FOO208P30 | PIUSI MP 180 |             | POLYPROPYLENE | 1" G     | 150       | DOUBLE        | PTFE / HYTREL                   | PTFE  | POLYPROPYLENE | PTFE    | G 1" F                       | G 3/8" F       | 5                         | 70         | 7                       | 4                      |

(\*) ON REQUEST WE CAN PROVIDE MEMBRANES, BALLS, BALL SEATS AND O-RINGS IN DIFFERENT MATERIALS.  
 (\*\*) THE VALUE DEPENDS ON THE CONFIGURATION OF THE PUMP



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FUEL MANAGEMENT SYSTEMS



KITS



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METERED NOZZLES

# PIUSI HAND PUMP

## FEATURES

- STURDY CONNECTOR
- HEAVY DUTY LEVER
- HIGH EFFICIENCY
- ADJUSTABLE SUCTION PIPE
- SELECTED MATERIALS
- BUILT-IN NON RETURN VALVE

The PIUSI HAND PUMP is a rotary vane pump suitable for transferring AdBlue®. Entirely designed, manufactured and certified in Italy, this sturdy pump guarantees a professional performance and it is indicated for all drum applications.

## PERFORMANCE

UP TO

**38 L**

PER 100 REV.

FLOW RATE



PIUSI HAND PUMP



## PACKAGING

| CODE | WEIGHT |     | PACKAGING |         | N. BOXES/EUROPALLET |  |
|------|--------|-----|-----------|---------|---------------------|--|
|      | KG     | LBS | MM        | PCS/BOX |                     |  |

### WITHOUT HOSE

|           |     |     |             |   |    |     |
|-----------|-----|-----|-------------|---|----|-----|
| FO0332A0A | 2,1 | 4,6 | 350X170X140 | 1 | 50 | 100 |
| FO0332A4A | 2,1 | 4,6 | 350X170X140 | 1 | 50 | 100 |

### WITH HOSE

|           |     |   |             |   |    |     |
|-----------|-----|---|-------------|---|----|-----|
| FO0332A2A | 3,2 | 7 | 300X300X180 | 1 | 50 | 100 |
| FO0332A8A | 3,2 | 7 | 300X300X180 | 1 | 50 | 100 |
| FO0332A5A | 3,2 | 7 | 300X300X180 | 1 | 50 | 100 |
| FO0332A7A | 3,2 | 7 | 300X300X180 | 1 | 50 | 100 |
| FO0332A9A | 3,2 | 7 | 300X300X180 | 1 | 50 | 100 |



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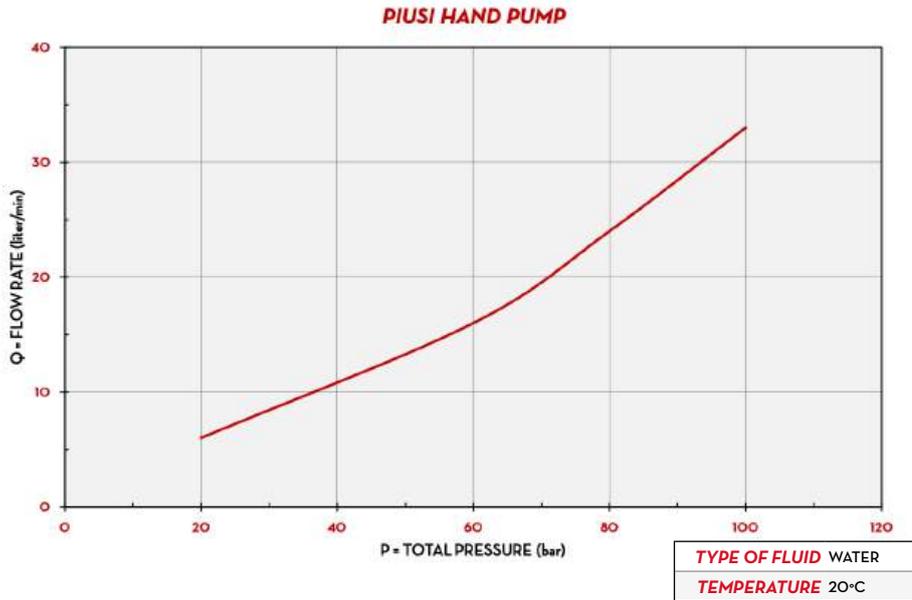


WATER

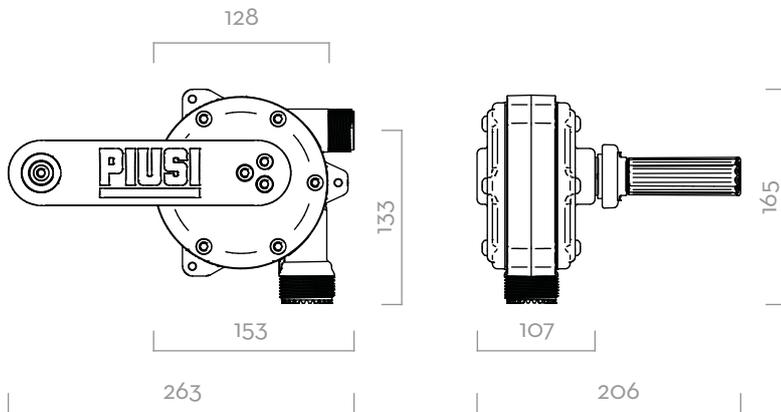


WINDSCREEN

## CHART



## DIMENSIONS



Dimensions expressed in millimeters

## IN THE BOX

- PIUSI HAND PUMP
- DRUM CONNECTOR
- SUCTION PIPE
- DELIVERY HOSE
- INSTRUCTION MANUAL

## DETAILS



## MATERIALS

- BODY: STAINLESS STEEL/TECHNOPOLYMER
- ROTOR: TECHNOPOLYMER
- VANES: TECHNOPOLYMER

## TECHNICAL DATA

| CODE                | DESCRIPTION                              | FLUIDS TYPE | 3D FILTER INCLUDED | CAPACITY PER 100 REVOLUTIONS |     | DRUM CONNECTOR | SUCTION TUBE | DELIVERY HOSE LENGHT |
|---------------------|--|-------------|--------------------|------------------------------|-----|----------------|--------------|----------------------|
|                     |  |             |                    | L                            | USG |                |              | M                    |
| <b>WITHOUT HOSE</b> |  |             |                    |                              |     |                |              |                      |
| FO0332A0A           | PIUSI HAND PUMP 56X4                     | Ad A W      | NO                 | 38                           | 10  | 56X4           | YES          | -                    |
| FO0332A4A           | PIUSI HAND PUMP UREA 2" BSP              | Ad A W      | NO                 | 38                           | 10  | 2" BSP         | YES          | -                    |
| <b>WITH HOSE</b>    |  |             |                    |                              |     |                |              |                      |
| FO0332A2A           | PIUSI HAND PUMP UREA 56X4 W/HOSE         | Ad A W      | NO                 | 38                           | 10  | 56X4           | YES          | 2,5                  |
| FO0332A8A           | PIUSI HAND PUMP UREA 2" BUT. W/H F       | Ad A W      | YES                | 38                           | 10  | 2" BUTTRESS    | YES          | 2,5                  |
| FO0332A5A           | PIUSI HAND PUMP UREA 2" BSP W/HOSE       | Ad A W      | NO                 | 38                           | 10  | 2" BSP         | YES          | 2,5                  |
| FO0332A7A           | PIUSI HAND PUMP UREA 70X6 W/HOSE         | Ad A W      | NO                 | 38                           | 10  | 70X6           | YES          | 2,5                  |
| FO0332A9A           | PIUSI HAND PUMP UREA 56X4 70X6 2"BSP W/H | Ad A W      | NO                 | 38                           | 10  | 2" BSP         | YES          | 2,5                  |



CAR FILLING



FUEL MANAGEMENT SYSTEMS



KITS



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METERED NOZZLES

# PIUSI HAND PUMP IBC

## FEATURES

- IBC ERGONOMIC BRACKET
- HEAVY DUTY LEVER
- HIGH EFFICIENCY
- SELECTED MATERIALS

The PIUSI HAND PUMP IBC is a rotary vane pump suitable for transferring AdBlue®. It maintains all the main features of the PIUSI HAND PUMP while its ergonomic bracket guarantees a perfect IBC handling.

## PERFORMANCE

UP TO

**38 L**

PER 100 REV

FLOW RATE



PIUSI HAND PUMP IBC



## PACKAGING

| CODE                  | WEIGHT |     | PACKAGING   |               |         |
|-----------------------|--------|-----|-------------|---------------|---------|
|                       | KG     | LBS | MM          | INCH          | PCS/BOX |
| <b>WITHOUT FILTER</b> |        |     |             |               |         |
| FO0332BOA             | 2,1    | 4,6 | 350X170X5,5 | 13,8X6,7X5,5  | 1       |
| <b>WITH FILTER</b>    |        |     |             |               |         |
| FO0332B1A             | 3,2    | 7   | 300X300X180 | 18,8X11,8X7,1 | 1       |



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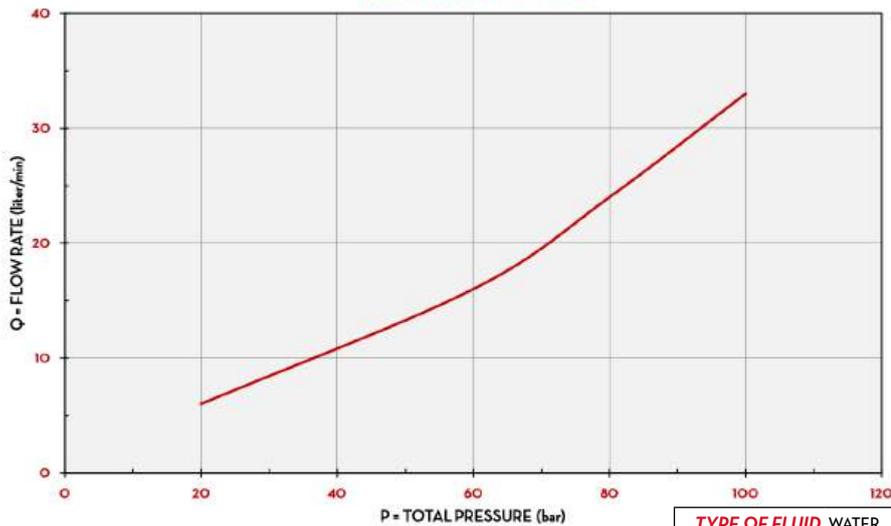
WATER



WINDSCREEN

## CHART

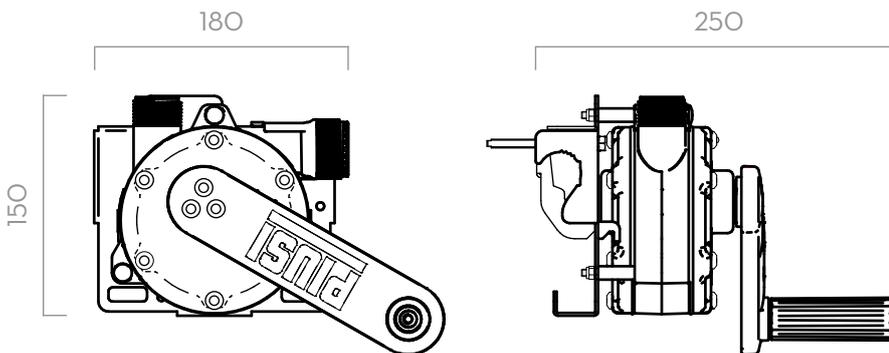
### PIUSI HAND PUMP IBC



TYPE OF FLUID WATER

TEMPERATURE 20°C

## DIMENSIONS



Dimensions expressed in millimeters

## IN THE BOX

- PIUSI HAND PUMP IBC
- IBC MOUNT BRACKET
- DELIVERY HOSE
- 3D FILTER (ON REQUEST)
- INSTRUCTION MANUAL

## DETAILS



STAINLESS STEEL SPOUT



STURDY LEVER



IBC BRACKET

## MATERIALS

- BODY: STAINLESS STEEL, TECHNOPOLYMER
- ROTOR: TECHNOPOLYMER
- VANES: TECHNOPOLYMER

## TECHNICAL DATA

| CODE                  | DESCRIPTION                        | FLUIDS TYPE | CAPACITY PER 100 REVOLUTIONS |     | IBC BRACKET | SUCTION HOSE | DELIVERY HOSE LENGTH | 3D FILTER |
|-----------------------|------------------------------------|-------------|------------------------------|-----|-------------|--------------|----------------------|-----------|
|                       |                                    |             | L                            | USG |             |              |                      |           |
| <b>WITHOUT FILTER</b> |                                    |             |                              |     |             |              |                      |           |
| FO0332BOA             | PIUSI HAND PUMP FOR IBC W/O FILTER |             | 38                           | 10  | YES         | 1            | 2,5                  | NO        |
| <b>WITH FILTER</b>    |                                    |             |                              |     |             |              |                      |           |
| FO0332B1A             | PIUSI HAND PUMP UREA SIDE W/FILTER |             | 38                           | 10  | YES         | 1            | 2,5                  | YES       |

IBC NOT INCLUDED



CAR FILLING



FUEL MANAGEMENT SYSTEMS



KITS



PUMPS



METERS



METERED NOZZLES

# SUZZARABLU

## FEATURES

- READY / EASY TO USE
- SUITABLE FOR ANY OPERATING CONDITION

The PIUSI SUZZARABLU HAND PUMP is the basic version of hand pump (piston) offered by PIUSI. They are manufactured in plastic according to the ISO 22241.

## PERFORMANCE

3M

HOSE LENGTH



SUZZARABLU HAND PUMP



## PACKAGING

| CODE | WEIGHT |     | PACKAGING |         | N. BOXES/EUROPALLET |  |
|------|--------|-----|-----------|---------|---------------------|--|
|      | KG     | LBS | MM        | PCS/BOX |                     |  |

### PISTON HAND PUMPS

|           |     |     |             |   |    |     |
|-----------|-----|-----|-------------|---|----|-----|
| FO033209A | 1,5 | 3,3 | 160X340X140 | 1 | 72 | 102 |
| FO033210A | 3,4 | 7,5 | 510X240X150 | 1 | 48 | 66  |



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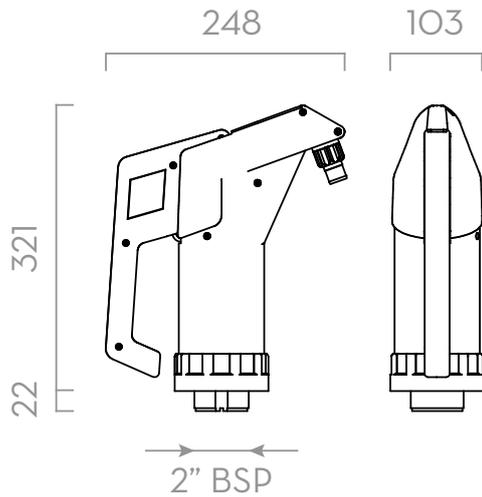


WATER



WINDSCREEN

## CHART



Dimensions expressed in millimeters

## IN THE BOX

- SUZZARABLU HAND PUMP
- DELIVERY HOSE (ON REQUEST)
- SUCTION PIPE
- INSTRUCTION MANUAL

## DETAILS



## MATERIALS

- BODY: PLASTIC
- ROTOR: PLASTIC
- VANES: PLASTIC

## TECHNICAL DATA

| CODE      | DESCRIPTION                          | FLUIDS TYPE | SPOUT |        | HOSE |     | DIP PIPE | COMPLETE KIT | MAUSER AND GREIF ADAPTER FOR DRUM |
|-----------|--------------------------------------|-------------|-------|--------|------|-----|----------|--------------|-----------------------------------|
|           |                                      |             | BSP   | LENGHT | Ø    |     |          |              |                                   |
| FO033209A | PISTON HAND PUMP (WITH DIP PIPE)     |             | 3/4"  | -      | -    | YES | -        | -            |                                   |
| FO033210A | PISTON HAND PUMP (WITH COMPLETE KIT) |             | 3/4"  | 3 M    | 3/4" | YES | YES      | YES          |                                   |

### PISTON HAND PUMP



# PUMPS ACCESSORIES

## DC PUMP

| SUZZARABLU PUMP DC  | CODE      | DESCRIPTION |
|---|-----------|-------------|
|  | R16175010 | KIT HANDLE  |
|   |           |             |



R16175010

## HAND PUMPS

| PIUSI HAND PUMP   | CODE      | DESCRIPTION                   |
|---|-----------|-------------------------------|
|  | FOO611D30 | 3D FILTER + HOUSING           |
|   | R1512800A | ADAPTER M/F 2" - S7OX6 ADBLUE |
|   | F19158000 | DRUM CONNECTOR 56X4           |
|   | F19159000 | DRUM CONNECTOR 2" BUTTRESS    |
|   | F19157000 | DRUM CONNECTOR 2" BSP         |
|   | F19157010 | DRUM CONNECTOR 70X6           |



FOO611D30

F19158000 / F19159000  
F19157010 / F19157000

R1512800A

| PIUSI HAND PUMP IBC  | CODE      | DESCRIPTION                              |
|--|-----------|--|
|  | F20189000 | AF2 56X4 BUTTRESS - 1" BSP               |
|  | F20190000 | AF2 2" BUTTRESS - 1" BSP                 |
|  | F20257000 | AF2 2" BSP - 1" BSP                      |
|  | F20258000 | AF2 2" 70X6 - 1" BSP                     |
|  | F15452000 | SEC + HOSETAIL 90°                       |
|  | F15515000 | EXT SUCTION HOSE IBC TANK W/FOOT VALVE   |
|  | F15606000 | KIT RIGID SUCTION HOSE SUZZARA BLUE DRUM |
|  | F15236000 | ADATTATORE M\F 2IN - 56X4 ADBLUE         |



F20189000 / F20190000  
F20257000 / F20258000

F15606000

F15452000



FOO611D30

F15515000

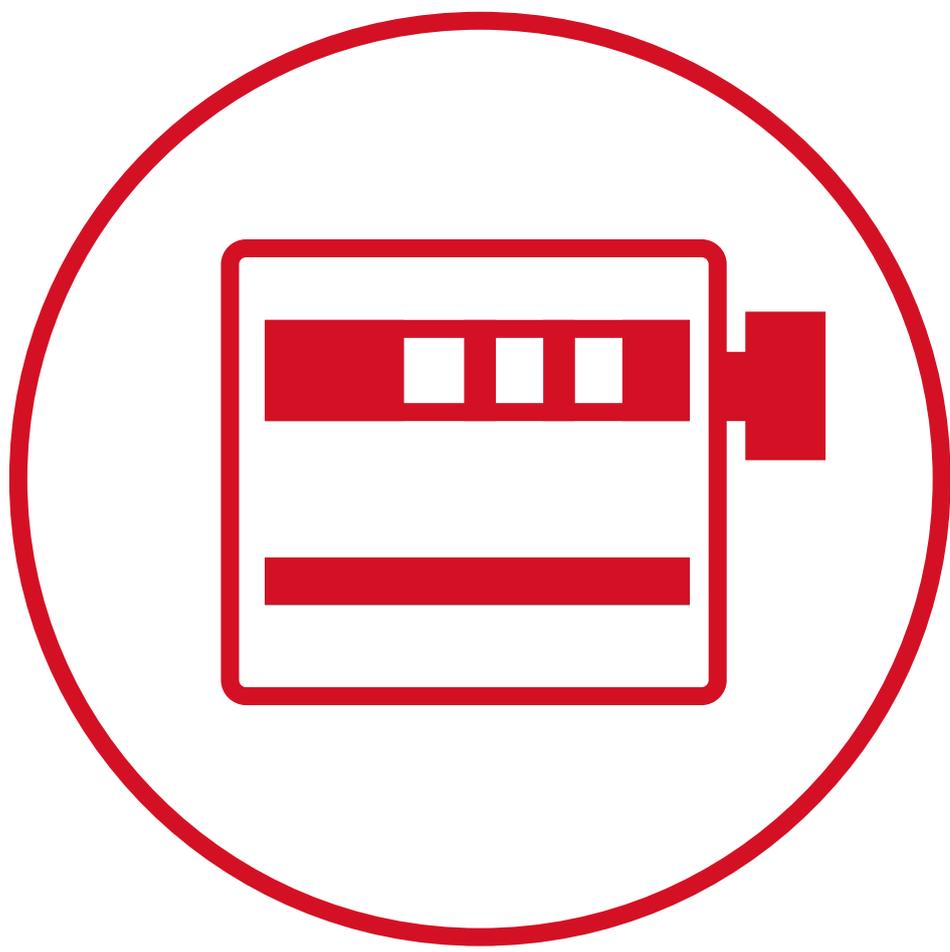
F15236000

| SUZZARABLU HAND PUMP  | CODE      | DESCRIPTION                      |
|---|-----------|----------------------------------|
|  | R1512800A | ADAPTER M/F 2" - S7OX6 ADBLUE    |
|   | F15236000 | ADATTATORE M\F 2IN - 56X4 ADBLUE |



R1512800A  
F15236000





**METERS**





CAR FILLING



FUEL MANAGEMENT SYSTEMS



KITS



PUMPS



METERS



METERED NOZZLES

# K24

## FEATURES

- FLOW RATE INDICATION
- STANDARD AAA BATTERIES
- ROTABLE DISPLAY
- LOW BATTERY CONSUMPTION
- RUBBER PROTECTION

The K24 is PIUSI's exclusive turbine meter. Its compact design, accuracy and ease of use makes this flow meter an excellence in measuring AdBlue®. It is equipped with a compact and easy readable display that can be rotated in 4 different positions.



K24

## PERFORMANCE

|                           |                      |
|---------------------------|----------------------|
| UP TO<br><b>120 L/MIN</b> | <b>10 BAR</b><br>MAX |
| FLOW RATE                 | OPERATING PRESSURE   |
| <b>±1%</b>                | <b>0,3%</b>          |
| ACCURACY                  | REPEATABILITY        |



K24 PULSE METER

## PACKAGING

| CODE      | WEIGHT |     | PACKAGING   |           |         |
|-----------|--------|-----|-------------|-----------|---------|
|           | KG     | LBS | MM          | INCH      | PCS/BOX |
| FOO40710A | 0,4    | 0,9 | BLISTER     | BLISTER   | 1       |
| FOO40721B | 0,4    | 0,9 | 115X160X135 | 4,5X3X5,3 | 1       |



NOZZLES



FILTRATION



TANK MONITORING



HOSE REEL



ACCESSORIES



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ANTIFREEZE



AdBlue®



BIODIESEL



DIESEL



FOOD



GASOLINE



GREASE



KEROSENE



OIL

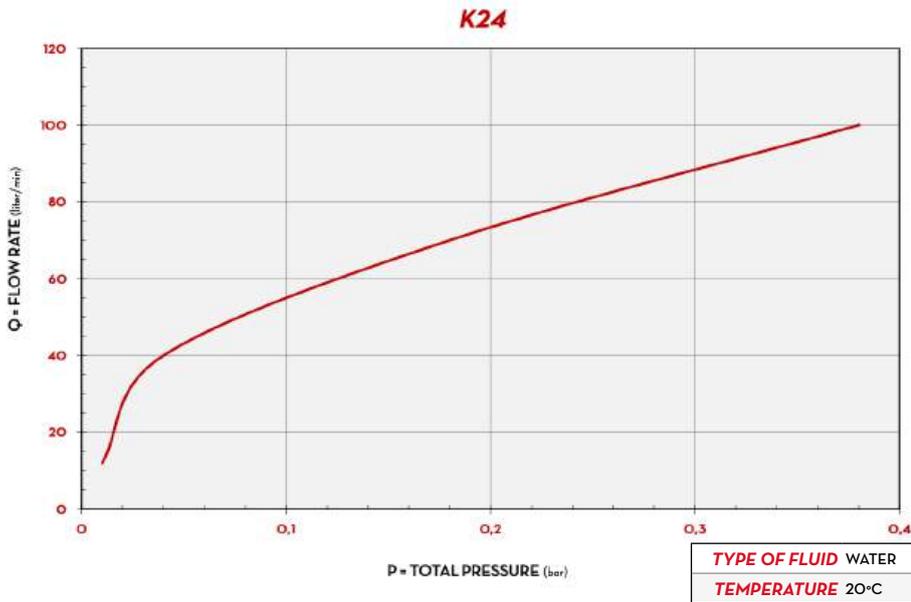


WATER



WINDSCREEN

## CHART



## IN THE BOX

- K24 METER
- STAINLESS STEEL SOCKET
- INSTRUCTION MANUAL

## DETAILS

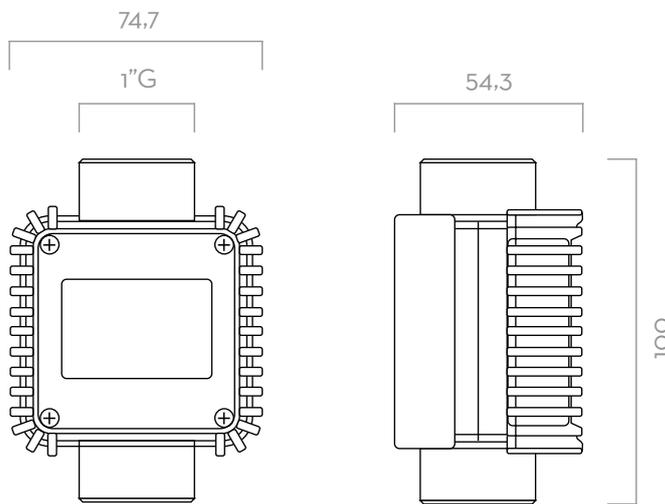


ROTABLE DISPLAY



TURBINE

## DIMENSIONS



Dimensions expressed in millimeters

## MATERIALS

- BODY: TECHNOPYLIMER
- TURBINE: TECHNOPYLIMER

## TECHNICAL DATA

| CODE      | DESCRIPTION                                | FLUIDS TYPE | FLOW RATE |          | PRESSURE |     | DISPLAY | PULSE OUT (P/L) |                 |
|-----------|--|-------------|-----------|----------|----------|-----|---------|-----------------|-----------------|
|           |  |             | L/MIN     | GPM      | BAR      | PSI |         | PULSE VERSION   | DISPLAY VERSION |
| FOO40710A | K24 METER (1 SOCKET)                       | Ad W        | 5 · 120   | 1,3-26,4 | 10       | 145 | YES     | -               | -               |
| FOO40721B | K24 PULSE-METER (1 SOCKET) (87,73 PULSE/L) | Ad W        | 5 · 120   | 1,3-26,4 | 10       | 145 | NO      | 88              | -               |



CAR FILLING



FUEL MANAGEMENT SYSTEMS



KITS



PUMPS



METERS



METERED NOZZLES

# TURBINOX

## FEATURES

- LONG LASTING
- INDUSTRIAL APPLICATION
- STAINLESS STEEL BODY
- VERSATILE

The PIUSI TURBINOX is a turbine pulse meter suitable for transferring AdBlue®. Its stainless steel body guarantees a long-lasting resistance and makes this meter perfect for plant installations.

### PERFORMANCE

|                          |                      |
|--------------------------|----------------------|
| UP TO<br><b>40 L/MIN</b> | <b>20 BAR</b><br>MAX |
| FLOW RATE                | OPERATING PRESSURE   |
| <b>±1%</b>               | <b>0,4%</b>          |
| ACCURACY                 | REPEATABILITY        |



**TURBINOX - TURBINOX 90°**



### PACKAGING

| CODE       | WEIGHT |     | PACKAGING |           |         |
|------------|--------|-----|-----------|-----------|---------|
|            | KG     | LBS | MM        | INCH      | PCS/BOX |
| FOO420000A | 0,5    | 1,1 | 80X80X75  | 3,1X3,1X3 | 1       |
| FOO420001A | 0,5    | 1,1 | 80X80X75  | 3,1X3,1X3 | 1       |



NOZZLES



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GREASE



KEROSENE



OIL



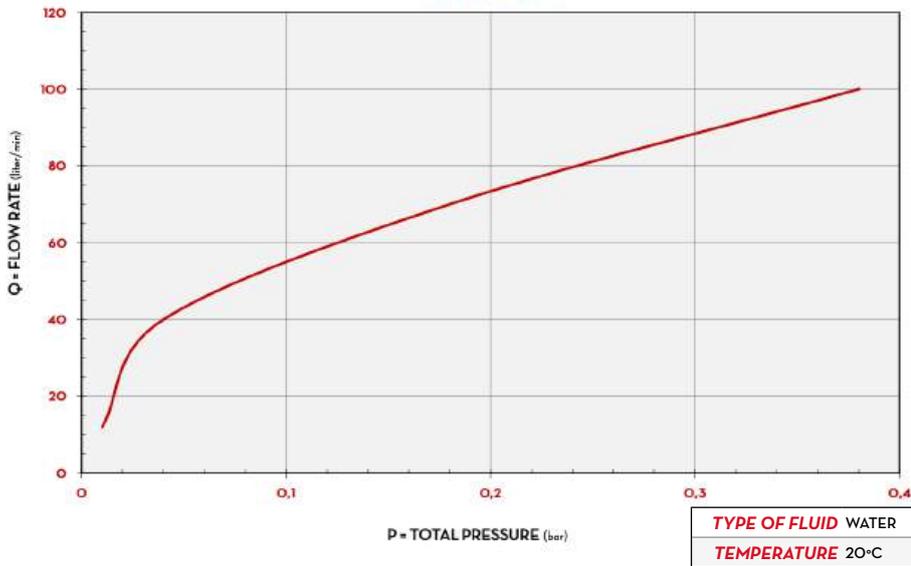
WATER



WINDSCREEN

## CHART

### TURBINOX



## IN THE BOX

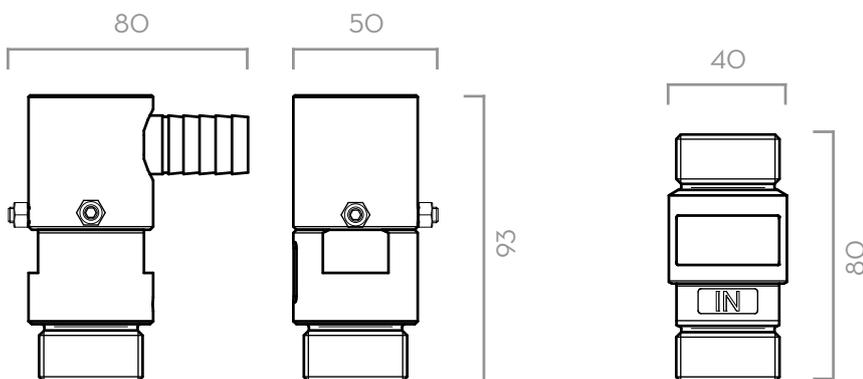
- TURBINOX METER
- INSTRUCTION MANUAL

## DETAILS



TURBINE

## DIMENSIONS



Dimensions expressed in millimeters

## MATERIALS

- BODY: STAINLESS STEEL
- TURBINE: TECHNOPOLYMER

## TECHNICAL DATA

| CODE      | DESCRIPTION                      | FLUIDS TYPE | FLOW RATE |          | PRESSURE |     | DISPLAY | PULSE OUT (P/L) |                 |
|-----------|----------------------------------|-------------|-----------|----------|----------|-----|---------|-----------------|-----------------|
|           |                                  |             | L/MIN     | GPM      | BAR      | PSI |         | PULSE VERSION   | DISPLAY VERSION |
| FOO42000A | TURBINOX INLINE PULSE METER      | Ad W        | 10 - 40   | 2,6-10,6 | 20       | 290 | NO      | 90              | -               |
| FOO42001A | TURBINOX 90° TURBINE PULSE METER | Ad W        | 10 - 40   | 2,6-10,6 | 20       | 290 | NO      | 90              | -               |



CAR FILLING



FUEL MANAGEMENT SYSTEMS



KITS



PUMPS



METERS



METERED NOZZLES

# MK325 METER

## FEATURES

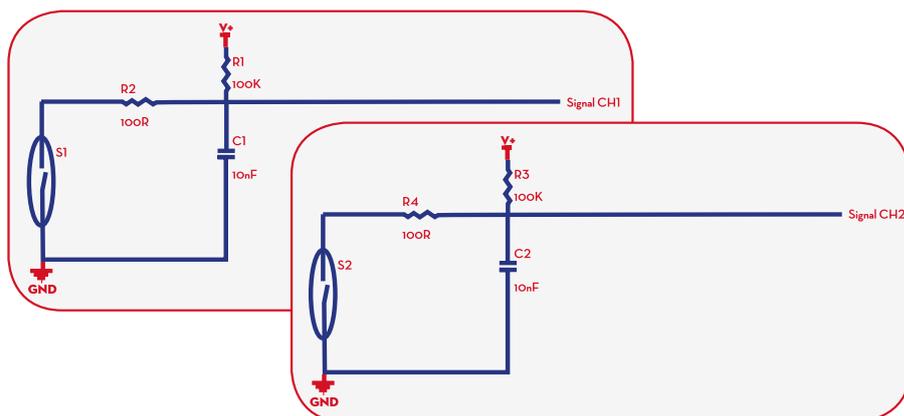
- MID EVALUATION CERTIFICATE
- LOW MAINTENANCE COSTS
- BIDIRECTIONAL MEASUREMENT
- ATEX CERTIFICATION

The PIUSI MK325 is a state-of-the-art flow meter, specifically designed to ensure accurate MID measurement of AdBlue®. It is compatible with both fixed and mobile dispensing systems.



## PERFORMANCE

|                            |                      |
|----------------------------|----------------------|
| UP TO<br><b>5-35 L/MIN</b> | <b>20 BAR</b><br>MAX |
| FLOW RATE                  | OPERATING PRESSURE   |
| <b>±0,3%</b>               | <b>0,2%</b>          |
| ACCURACY                   | REPEATABILITY        |



ELECTRICAL SCHEME

## PACKAGING

| CODE      | WEIGHT |      | PACKAGING   |               |         |
|-----------|--------|------|-------------|---------------|---------|
|           | KG     | LBS  | MM          | INCH          | PCS/BOX |
| FOO476X20 | 1,3    | 2,64 | 190X140X160 | 7,48X5,51X6,3 | 1       |
| FOO476XOA | 2,2    | 4,85 | 190X140X160 | 7,48X5,51X6,3 | 1       |



NOZZLES



FILTRATION



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KEROSENE



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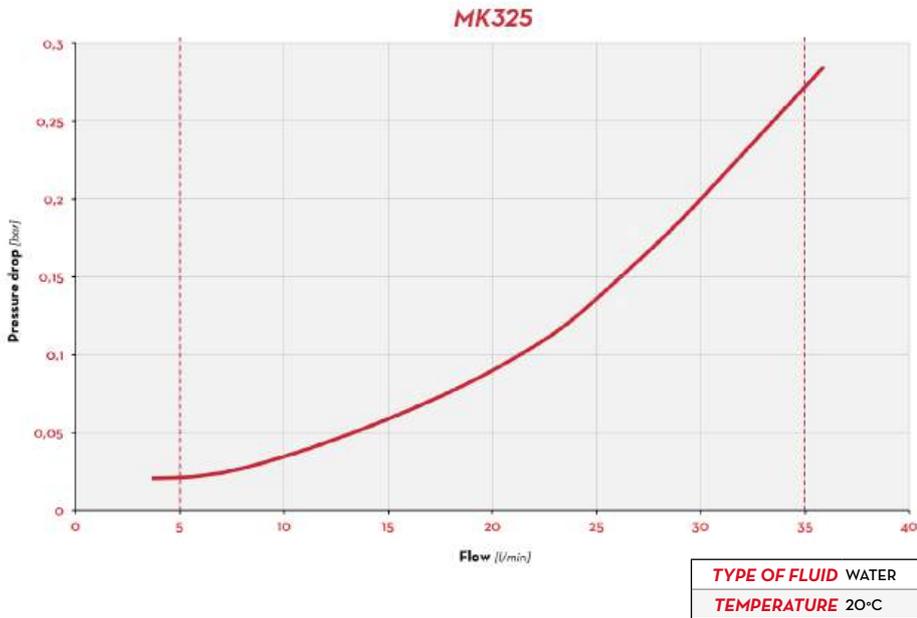


WATER



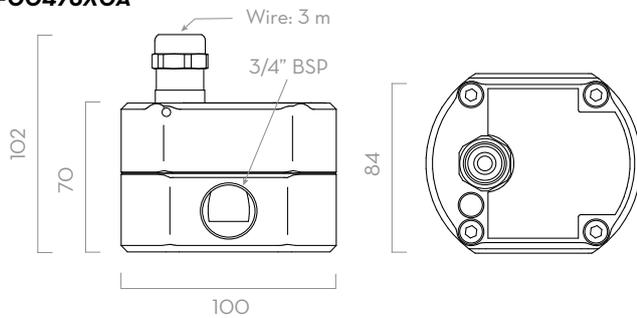
WINDSCREEN

## CHART

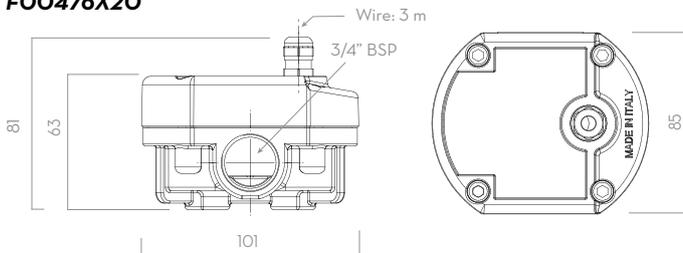


## DIMENSIONS

### MK325 COD. FOO476XOA



### MK325 COD. FOO476X20



Dimensions expressed in millimeters

## IN THE BOX

- MK325 METER
- INSTRUCTIONS WITH CALIBRATION FACTOR
- INSTRUCTION MANUAL

## DETAILS



3M CABLE LENGTH



ATEX CERTIFIED



PEEK GEAR



BIDIRECTIONAL MEASURING

## MATERIALS

- BODY: STAINLESS STEEL
- CABLE BOX: ALLUMINIUM
- GEAR: PEEK
- SEALS: NPR

## TECHNICAL DATA

| CODE      | DESCRIPTION                          | FLUIDS TYPE | FLOW RATE |             | PRESSURE |     | ATEX CERTIFICATION | DEGREE OF PROTECTION | PULSE OUT (P/L) |                 |
|-----------|--------------------------------------|-------------|-----------|-------------|----------|-----|--------------------|----------------------|-----------------|-----------------|
|           |                                      |             | L/MIN     | GPM         | BAR      | PSI |                    |                      | PULSE VERSION   | DISPLAY VERSION |
| FOO476X20 | (EX) MK325 5-35 Z2 3/4" BSP (MID)    |             | 5 - 35    | 1,3 - 8-9,3 | 20       | 290 | EX-M Z2            | IP67                 | APPROX. 160     | NO              |
| FOO476XOA | (EX) MK325 5-35 Z1/Z2 3/4" BSP (MID) |             | 5 - 35    | 1,3 - 8-9,3 | 20       | 290 | EX-D Z1/Z2         | IP65                 | APPROX. 160     | NO              |



CAR FILLING



FUEL MANAGEMENT SYSTEMS



KITS



PUMPS



METERS



METERED NOZZLES

# REMOTE DISPLAY

## FEATURES

- LARGE SCREEN DISPLAY
- NON RESETTABLE TOTAL
- STANDARD BATTERY

REMOTE DISPLAY for remote control (via max. 15 m. cable) of pulse meters. The large screen displays the quantity delivered and the non resettable total. Equipped with software applications for calibrating meters. Available as both basic display device and as pulse emitter. Indispensable for receivers designed to recognise only discreet quantities of impulses.

## PERFORMANCE

EVERY  
**PULSE METER**

COMPATIBILITY

UP TO  
**100**  
PULSES/LITER

FLOW RATE



REMOTE DISPLAY



## PACKAGING

| CODE      | WEIGHT |     | PACKAGING   |             |         |
|-----------|--------|-----|-------------|-------------|---------|
|           | KG     | LBS | MM          | INCH        | PCS/BOX |
| FOO49504A | 1,2    | 2,6 | 200X120X140 | 8,9X4,9X5,9 | 1       |
| FOO49503B | 1,2    | 2,6 | 225X125X150 | 8,9X4,9X5,9 | 1       |



NOZZLES



FILTRATION



TANK MONITORING



HOSE REEL



ACCESSORIES



MERCHANDISE

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FOOD



GASOLINE



GREASE



KEROSENE



OIL

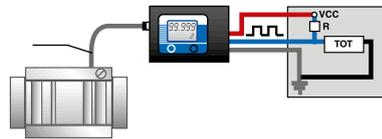
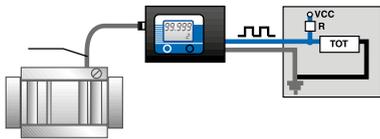
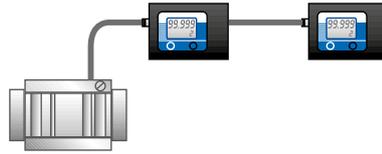
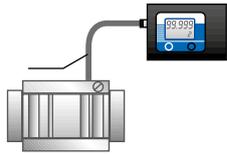


WATER



WINDSCREEN

FUNCTIONING



IN THE BOX

- REMOTE DISPLAY
- BRACKET
- INSTRUCTION MANUAL

DETAILS

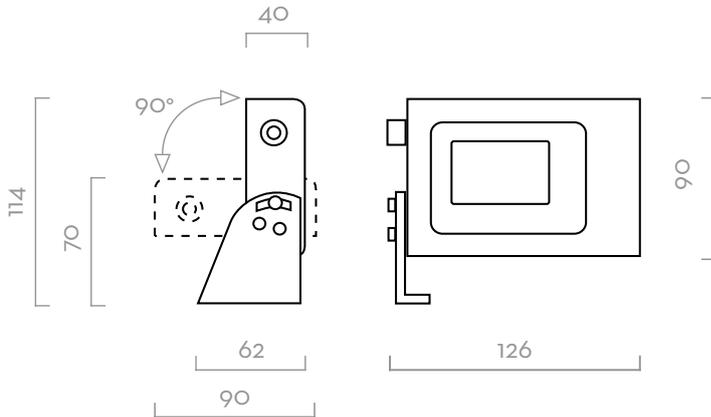


5 DIGITS PARTIAL TOTAL



ADJUSTABLE BRACKET

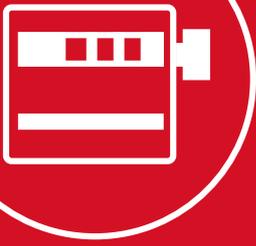
DIMENSIONS



Dimensions expressed in millimeters

TECHNICAL DATA

| CODE      | DESCRIPTION               | FLUIDS TYPE | FLANGE                                 | INLET OUTLET |
|-----------|---------------------------|-------------|--|--------------|
| FOO49504A | DISPLAY PULSE IN          |             | FOR ALL PIUSI PULSE OUT REMOTE DISPLAY | PULSE IN     |
| FOO49503B | DISPLAY PULSE OUT ADBLUE® |             | TURBINOX / K24 PULSER                  | PULSE OUT    |



# METERS ACCESSORIES

## ELECTRONIC METERS

| K24 | CODE      | DESCRIPTION                              |
|-----|-----------|--|
|     | FOO49503B | REMOTE DISPLAY PULS OUT 100 UREA         |
|     | FOO49504A | REMOTE DISPLAY NO PULS OUT - UREA        |
|     | F15484000 | HOSETAIL D.19 90° W/RING NUT FOR K24     |
|     | F15776000 | SWIVEL M-F 1IN GAS PLASTIC MANUAL NOZZLE |
|     | F16073000 | STAINLESS STEEL SOCKET 1"(20 PCS)BSP/BSP |



| TURBINOX | CODE      | DESCRIPTION                              |
|----------|-----------|--|
|          | FOO49503B | REMOTE DISPLAY PULS OUT 100 UREA         |
|          | FOO49504A | REMOTE DISPLAY NO PULS OUT - UREA        |
|          | F15484000 | HOSETAIL D.19 90° W/RING NUT FOR K24     |
|          | F15776000 | SWIVEL M-F 1IN GAS PLASTIC MANUAL NOZZLE |
|          | F16073000 | STAINLESS STEEL SOCKET 1"(20 PCS)BSP/BSP |



| MK325 | CODE      | DESCRIPTION    |
|-------|-----------|----------------|
|       | F19914000 | KIT WALL MK324 |
|       |           |                |







# **METERED NOZZLES**



CAR FILLING



FUEL MANAGEMENT SYSTEMS



KITS



PUMPS



METERS



METERED NOZZLES

# SB325\_X METER/SB325\_X METER CAR

## FEATURES

- HEAVY DUTY
- VERSATILE
- BUILT-IN TURBINE METER
- BREAK-AWAY SYSTEM
- MULTI-FUNCTIONAL DISPLAY
- SPECIFIC SPOUT FOR CARS/LIGHT COMMERCIAL VEHICLES
- EASY AND PRACTICAL

The PIUSI SB325\_X METER and SB325\_X METER CAR are the patented automatic metered nozzles by PIUSI for AdBlue®. They are engineered according to ISO/ FDIS 22241-4:2009 and composed by an innovative technopolymer casing, a break-away system, a stainless steel spout and the K24 meter with 1% accuracy.

The SB325\_X METER CAR has a different shape compared to SB325\_X METER and is 2,4 cm shorter, this to allow a better usability and performance in the car/commercial vehicle sector. SB325\_X METER CAR is compatible with all PIUSI AdBlue® pumps. Use with pumps other than the PIUSI range must be subject to prior verification of the system's flow rate.

## PERFORMANCE

**±1%**

ACCURACY

### SB325\_X METER

UP TO

**45 L/MIN**

FLOW RATE

**3,5 BAR**

MAX

OPERATING PRESSURE

### SB325\_X METER CAR

**5-27 L/MIN**

FLOW RATE

**3 BAR**

MAX

OPERATING PRESSURE



## PACKAGING

| CODE      | WEIGHT |     | PACKAGING  |            |         |
|-----------|--------|-----|------------|------------|---------|
|           | KG     | LBS | MM         | INCH       | PCS/BOX |
| FOO61701A | 1,0    | 2,2 | 447X178X63 | 17,6X7X2,5 | 1       |
| FOO61722O | 1,2    | 2,6 | 450X180X90 | 17,7X7X3,5 | 1       |



NOZZLES



FILTRATION



TANK MONITORING



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FOOD



GASOLINE



GREASE



KEROSENE



OIL



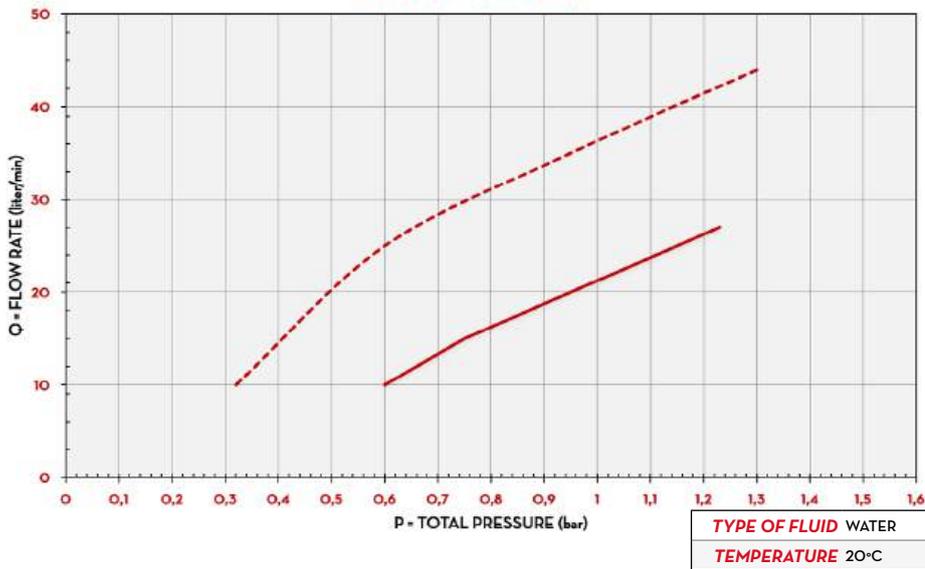
WATER



WINDSCREEN

## CHART

### SB325\_X / SB325 CAR



## IN THE BOX

- PISTOLA SB325\_X METER / SB325\_X METER CAR NOZZLE
- INSTRUCTION MANUAL

## DETAILS

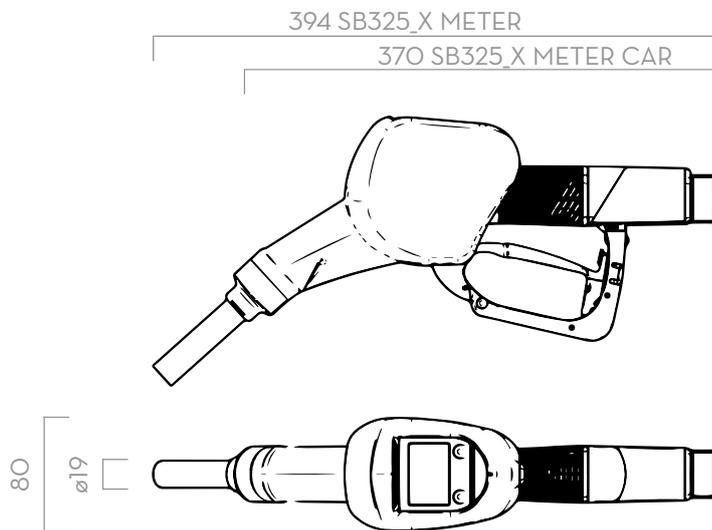


MULTI-FUNCTIONAL DISPLAY



BREAK-AWAY SYSTEM

## DIMENSIONS



Dimensions expressed in millimeters

## MATERIALS

- SPOUT: STAINLESS STEEL
- BODY: TECHNOPYLIMER
- TURBINE: TECHNOPYLIMER

## TECHNICAL DATA

| CODE      | DESCRIPTION                        | FLUIDS TYPE | FLOW RATE |     | MAGNETIC ADAPTOR | METER | PRESSURE | INLET | SWIVEL | SPOUT  |
|-----------|------------------------------------|-------------|-----------|-----|------------------|-------|----------|-------|--------|--------|
|           |                                    |             | L/MIN     | GPM |                  |       | BAR      |       |        | EXT. Ø |
| FO061701A | AUTOMATIC NOZZLE SB325_X METER     |             | 45        | 12  | NO               | SI    | 3,5      | 3/4"  | YES    | 19 MM  |
| FO0617220 | AUTOMATIC NOZZLE SB325_X METER CAR |             | 27        | 7   | NO               | SI    | 3        | 3/4"  | YES    | 19 MM  |



# METERED NOZZLES ACCESSORIES

## AUTOMATIC METERED NOZZLES

| SB325_X METER   | CODE      | DESCRIPTION  |
|---|-----------|--|
|  | F1917400A | KIT FOR SB325_X WITH MISFILLING AND MAGNETIC ADAPTOR |
|   | F18400000 | PIUSI MAGNETIC ADAPTOR                               |
|   | F15165000 | ELAFIX 40 MAGNETIC ADAPTOR                           |



F1917400A    F15165000    F18400000





# **NOZZLES**

A large, solid red triangle is positioned in the bottom right corner of the page, pointing towards the top right.



CAR FILLING



FUEL MANAGEMENT SYSTEMS



KITS



PUMPS



METERS



METERED NOZZLES

# SB325\_X/SB325\_X CAR

## FEATURES

- HEAVY DUTY
- VERSATILE
- BREAK-AWAY SYSTEM
- ERGONOMIC DESIGN
- SPECIFIC SPOUT FOR CARS/LIGHT COMMERCIAL VEHICLES
- EASY AND PRACTICAL

Specifically developed for AdBlue® refilling on cars/light commercial vehicle and heavy vehicles, SB325\_X and SB325\_X CAR are patented automatic nozzles by PIUSI equipped with break-away system and stainless steel spout. Designed in compliance with International Standards ISO/ FDIS 22241-4:2009, these two innovative automatic nozzles also feature a reliable, ergonomic and flexible shell that protects the nozzles against weathering and UV radiation.

The SB325\_X CAR has a different shape compared to SB325\_X and is 2,4 cm shorter, this to allow a better usability and performance in the car/commercial vehicle sector. SB325\_X CAR is compatible with all PIUSI AdBlue® pumps. Use with pumps other than the PIUSI range must be subject to prior verification of the system's flow rate.

## PERFORMANCE

### SB325\_X

UP TO

**45 L/MIN**

FLOW RATE

**3,5 BAR**

MAX

OPERATING PRESSURE

### SB325\_X CAR

UP TO

**27 L/MIN**

FLOW RATE

**3 BAR**

MAX

OPERATING PRESSURE



## PACKAGING

| CODE      | WEIGHT |     | PACKAGING  |            |         |
|-----------|--------|-----|------------|------------|---------|
|           | KG     | LBS | MM         | INCH       | PCS/BOX |
| FOO61700A | 0,7    | 1,5 | 447X178X85 | 17,6X7X2,5 | 1       |
| FOO617210 | 1,1    | 2,4 | 450X180X70 | 17,7X7X2,7 | 1       |



NOZZLES



FILTRATION



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OIL



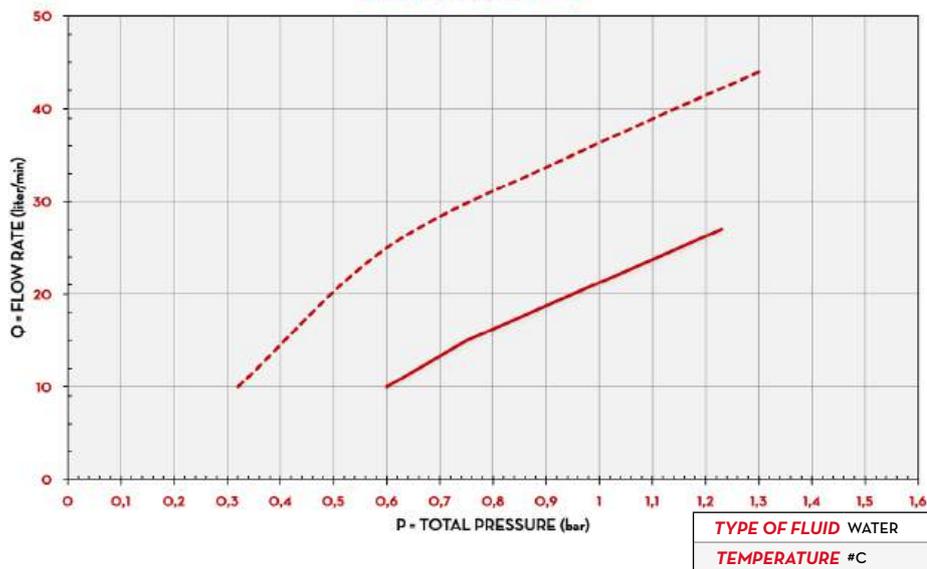
WATER



WINDSCREEN

## CHART

### SB325\_X / SB325\_CAR



## IN THE BOX

- SB325\_X/SB325\_CAR NOZZLE
- INSTRUCTION MANUAL

## DETAILS

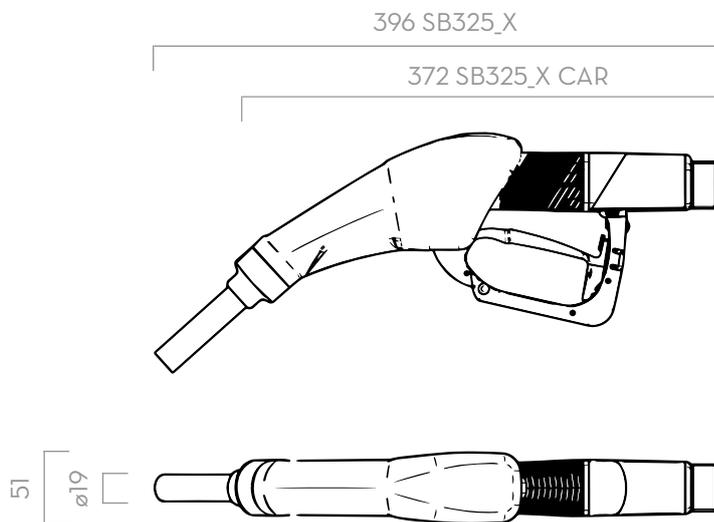


STAINLESS STEEL SPOUT



BREAK-AWAY SYSTEM

## DIMENSIONS



Dimensions expressed in millimeters

## MATERIALS

- SPOUT: STAINLESS STEEL
- BODY: TECHNOPYLIMER

## TECHNICAL DATA

| CODE      | DESCRIPTION                  | FLUIDS TYPE | FLOW RATE |     | MAGNETIC ADAPTOR | METER | PRESSURE | INLET | SWIVEL | SPOUT EXT. Ø |
|-----------|------------------------------|-------------|-----------|-----|------------------|-------|----------|-------|--------|--------------|
|           |                              |             | L/MIN     | GPM |                  |       |          |       |        |              |
| FO061700A | AUTOMATIC NOZZLE SB325_X     |             | 45        | 12  | NO               | NO    | 3,5      | 3/4"  | YES    | 19 MM        |
| FO0617210 | AUTOMATIC NOZZLE SB325_X CAR |             | 27        | 7   | NO               | NO    | 3        | 3/4"  | YES    | 19 MM        |



CAR FILLING



FUEL MANAGEMENT SYSTEMS



KITS



PUMPS



METERS



METERED NOZZLES

# SUZZARABLUE A60

## FEATURES

- **READY TO USE**
- **STURDY DESIGN**
- **STAINLESS STEEL BODY**

The PIUSI SUZZARABLUE A60 is an automatic nozzle suitable to dispense AdBlue® featuring a device that stops the dispensing when the tank is full. It comes with a hose-tail fitting.

## PERFORMANCE

UP TO

**40 L/MIN**

FLOW RATE

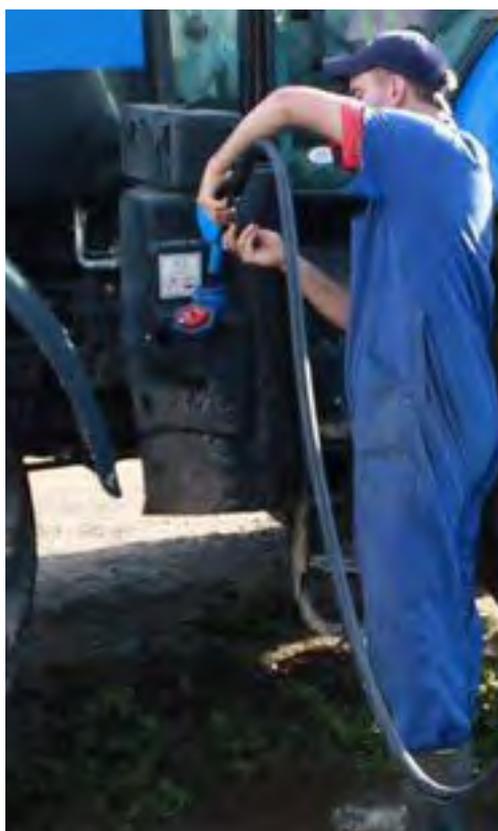
**3,4 BAR**

MAX

OPERATING PRESSURE



**SUZZARABLUE A60**



## PACKAGING

| CODE      | WEIGHT |     | PACKAGING   |                |         |
|-----------|--------|-----|-------------|----------------|---------|
|           | KG     | LBS | MM          | INCH           | PCS/BOX |
| FOO619O2B | 2,2    | 4,8 | 360X360X280 | 14,1X14,1X10,8 | 1       |
| FOO619O3B | 2      | 4,4 | 360X360X280 | 14,1X14,1X10,8 | 1       |



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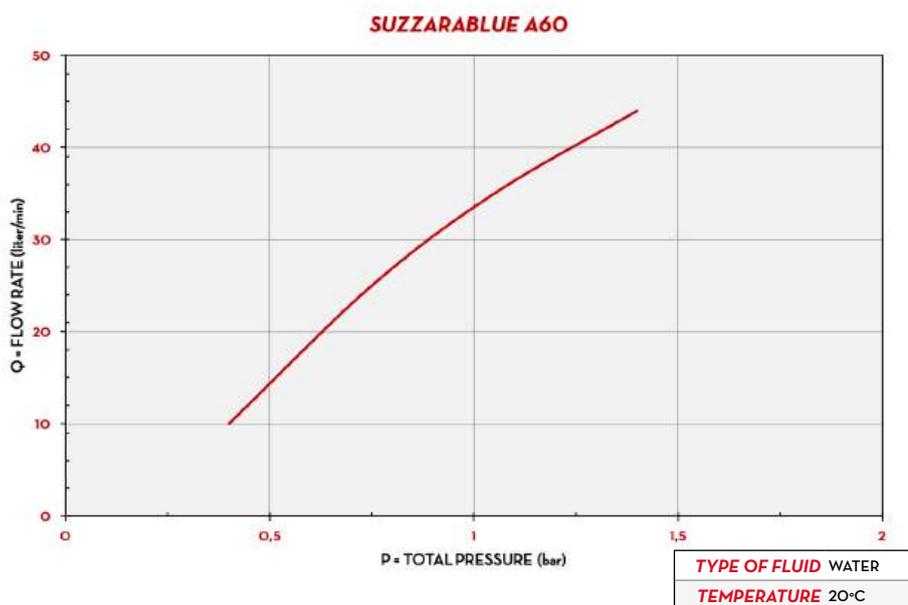


WATER



WINDSCREEN

## CHART



## IN THE BOX

- SUZZARABLU A60 NOZZLE
- INSTRUCTION MANUAL

## DETAILS

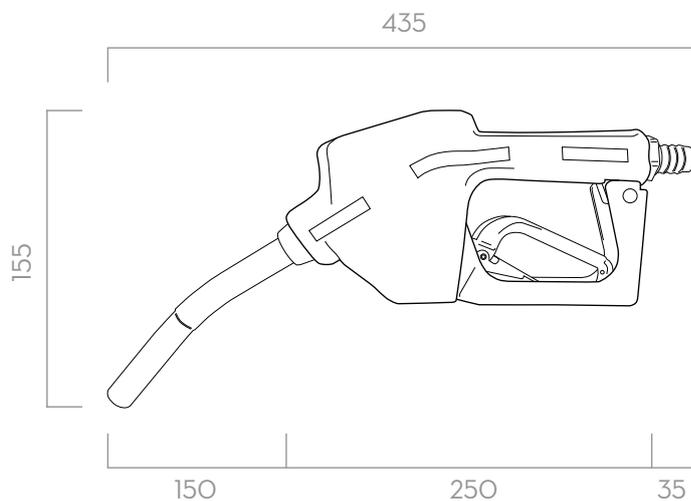


STAINLESS STEEL SPOUT



AUTOMATIC STOP

## DIMENSIONS



Dimensions expressed in millimeters

## MATERIALS

- SPOUT: STAINLESS STEEL
- BODY: STAINLESS STEEL

## TECHNICAL DATA

| CODE      | DESCRIPTION                          | FLUIDS TYPE | FLOW RATE |      | PRESSURE<br>BAR | INLET<br>BSP | SWIVEL | SPOUT<br>EXT. Ø |
|-----------|--------------------------------------|-------------|-----------|------|-----------------|--------------|--------|-----------------|
|           |                                      |             | L/MIN     | GPM  |                 |              |        |                 |
| FOO619O2B | AUTOMATIC NOZZLE A60 SS W/OUT SWIVEL |             | 40        | 21,1 | 3,4             | 3/4"         | NO     | 3/4"            |
| FOO619O3B | SUZZARABLU A60                       |             | 40        | 21,1 | 3,4             | 3/4"         | YES    | 3/4"            |



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# SUZZARABLUE MANUAL NOZZLE

## FEATURES

- READY TO USE
- ERGONOMIC GRAB
- LOW WEIGHT

The PIUSI SUZZARABLUE MANUAL NOZZLE is the basic version of Suzzarablu nozzles designed to dispense AdBlue®. Among the manual devices, it is distinguished by its high efficiency thanks to the low flow resistance, and a very inexpensive operation.

## PERFORMANCE

UP TO

**80 L/MIN**

FLOW RATE

**3,4 BAR**

MAX

OPERATING PRESSURE



SUZZARABLUE MANUAL NOZZLE



## PACKAGING

| CODE      | WEIGHT |     | PACKAGING   |                |         |
|-----------|--------|-----|-------------|----------------|---------|
|           | KG     | LBS | MM          | INCH           | PCS/BOX |
| F14761000 | 0,2    | 0,4 | 800X480X300 | 31,5X18,9X11,8 | 1       |



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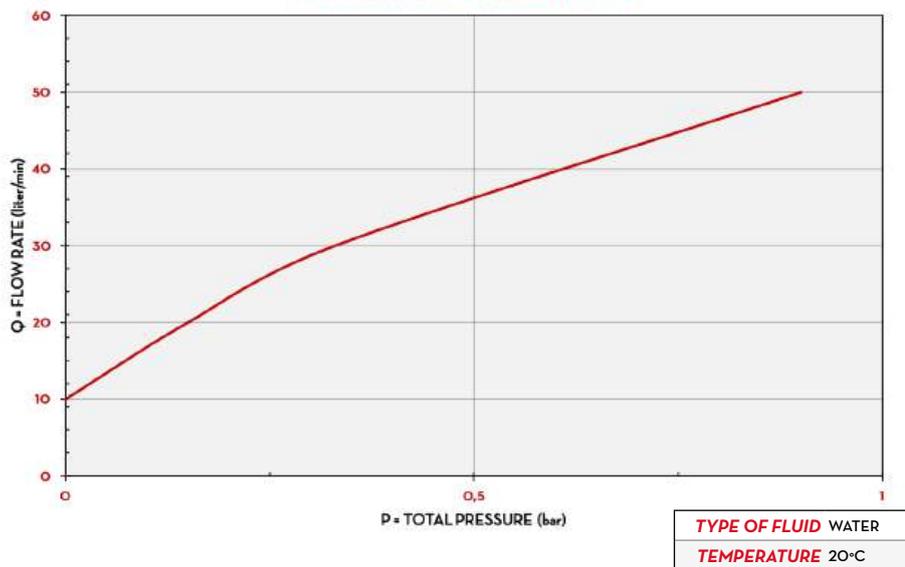
WATER



WINDSCREEN

## CHART

### SUZZARABLU MANUAL NOZZLE



## IN THE BOX

- SUZZARABLU MANUAL NOZZLE
- INSTRUCTION MANUAL

## DETAILS

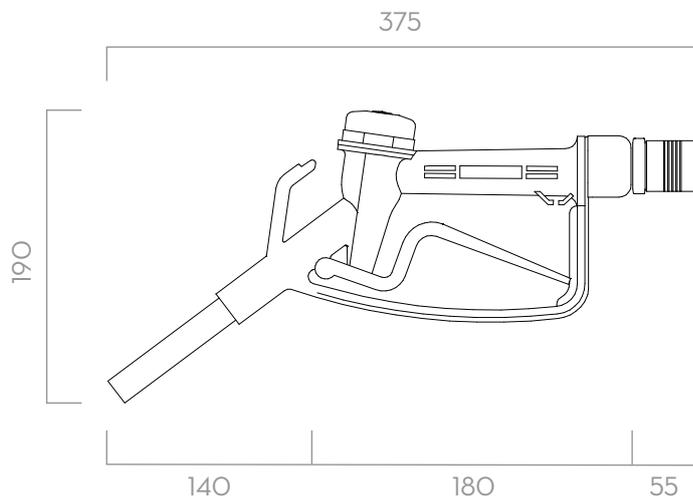


STAINLESS STEEL SPOUT



LEVER LOCK

## DIMENSIONS



Dimensions expressed in millimeters

## MATERIALS

- SPOUT: STAINLESS STEEL
- BODY: TECHNOPYLIMER

## TECHNICAL DATA

| CODE      | DESCRIPTION   | FLUIDS TYPE | FLOW RATE |      | PRESSURE | INLET | SWIVEL | SPOUT |
|-----------|---------------|-------------|-----------|------|----------|-------|--------|-------|
|           |               |             | L/MIN     | GPM  |          |       |        |       |
| F14761000 | MANUAL NOZZLE |             | 80        | 10,6 | 3,4      | 3/4"  | NO     | 3/4"  |



# NOZZLES ACCESSORIES

## AUTOMATIC NOZZLES

| SB325_X   | CODE      | DESCRIPTION                          |   |
|---|-----------|--------------------------------------|---|
|  | F1917400A | KIT FOR SB325_X WITH MISF AND MAG AD |     |
|   | R1917200A | KIT SPOUT SB325_X WITH MISFILLING    |   |
|   | R1917300A | KIT SPOUT SB325_X WITHOUT MISFILLING |   |
|   | F18400000 | PIUSI MAGNETIC ADAPTOR               |   |
|   | F15165000 | ELAFIX 40 MAGNETIC ADAPTOR           |   |

F1917400A

R1917200A  
R1917300A

F15165000

F18400000

| SUZZARABLU A60  | CODE      | DESCRIPTION                    |   |
|---|-----------|--------------------------------|---|
|  | F16475000 | CONNECTOR K24 AUTOMATIC NOZZLE |  |
|   |           |                                |   |

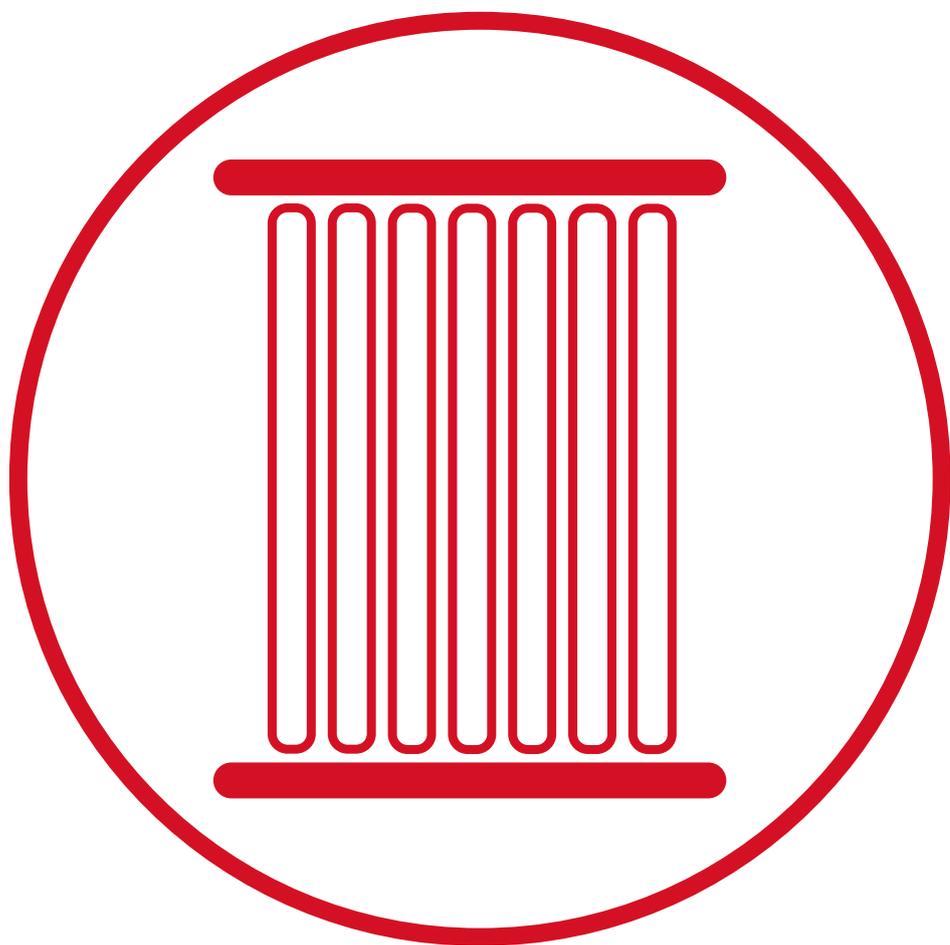
F16475000

## MANUAL NOZZLE

| SUZZARABLU MAN. NOZ.   | CODE      | DESCRIPTION                              |  |
|--|-----------|--|--|
|  | F15776000 | SWIVEL M-F 1IN GAS PLASTIC MANUAL NOZZLE |  |
|  |           |  |  |

F15776000





# **FILTRATION**

A large, solid red triangle is positioned in the bottom right corner of the page, pointing towards the top right.



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# 3D FILTER

## FEATURES

- 3-STEP FILTRATION
- HI-RESISTANCE CASE
- REMOVABLE CARTRIDGE
- TRANSPARENT CONTAINER

The PIUSI 3D FILTER is specifically designed to prevent the contamination of AdBlue® during transferring operation. Thanks to the highly efficient (β 200) mechanical filtration, it allows an extended life of the catalyst.

## PERFORMANCE

**200 μ**

FILTERING CAPACITY

**4 BAR  
MAX**

OPERATING PRESSURE



3D FILTER



## PACKAGING

| CODE      | WEIGHT |       |       | PACKAGING  |               |                     |
|-----------|--------|-------|-------|------------|---------------|---------------------|
|           | A MM.  | B MM. | C MM. | WEIGHT KG. | DIMENSION MM. | FILTER HEAD PCS/BOX |
| FOO611D30 | 136    | 107   | 140   | 0,6        | 200X120X140   | 166X144X85          |
| FOO611D40 | 104    | 70    | 104   | 0,2        | 166X144X85    | -                   |



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## FUNCTIONING



Typical condition of the filter after 3650 liters dispensed. We recommend changing the filter cartridge once a year.



High efficiency ( $\beta 200$ ) mechanical filtration of particulate by means of an incremental filter specifically developed for AdBlue®.

## IN THE BOX

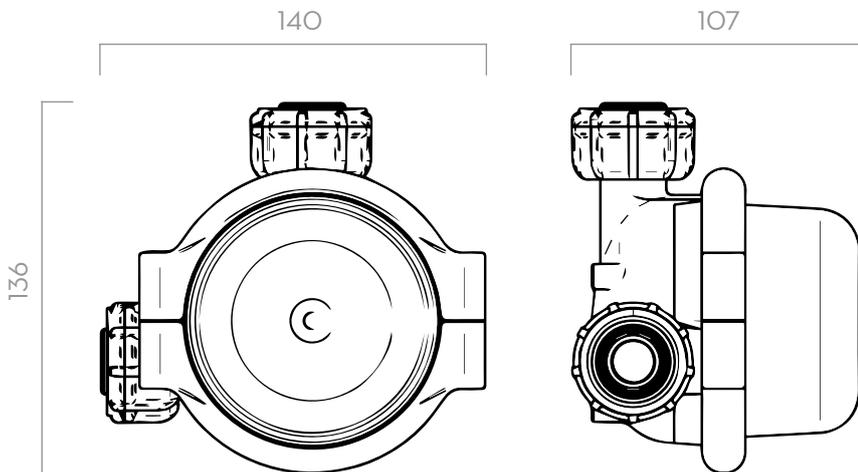
- 3D FILTER
- INSTRUCTION MANUAL

## DETAILS



3D FILTER CARTRIDGE

## DIMENSIONS



Dimensions expressed in millimeters

## MATERIALS

- BODY: TECHNOPOLYMER
- CARTRIDGE: POLYPROPYLENE

## TECHNICAL DATA

| CODE      | DESCRIPTION                     | FLUIDS TYPE | FLOW RATE |      | INLET/OUTLET | WATER ABSORBING | EFFICIENCY  | MICRO      | PRESSION |
|-----------|---------------------------------|-------------|-----------|------|--------------|-----------------|-------------|------------|----------|
|           |                                 |             | L/MIN     | GPM  |              |                 |             |            |          |
| FOO611D30 | CLEAR 3D FILTER + HOUSING       |             | 40        | 10,5 | BSP          | -               | $\beta$ 200 | 70 $\mu$ M | 4 BAR    |
| FOO611D40 | PIUSI CLEAR 3D FILTER/CARTRIDGE |             | -         | -    | -            | -               | -           | 70 $\mu$ M | -        |



# **TANK MONITORING**

A large, solid red triangle is positioned in the bottom right corner of the page, pointing towards the top right. It is a simple, geometric shape that adds a modern, graphic touch to the design.



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# OCIO

## FEATURES

- **READY TO USE**
- **BUILT-IN DISPLAY**
- **STAINLESS STEEL PROBE**

OCIO is the PIUSI's tank level indicator specifically designed for AdBlue® thanks to its stainless steel probe. It gives a real time indication of the fluid quantity inside the tank.

### PERFORMANCE

UP TO

**4MT**

HEIGHT

TANK

**±1%**

FULL SCALE

ACCURACY

UP TO

**50 MT**

LENGTH

PROBE TUBE



OCIO



10 METERS HOSE



STAINLESS STEEL PROBE

### PACKAGING

| CODE      | WEIGHT |     | PACKAGING   |               |         |
|-----------|--------|-----|-------------|---------------|---------|
|           | KG     | LBS | MM          | INCH          | PCS/BOX |
| FO0755140 | 2,2    | 4,8 | 300X410X100 | 11,8X16,1X3,9 | 1       |



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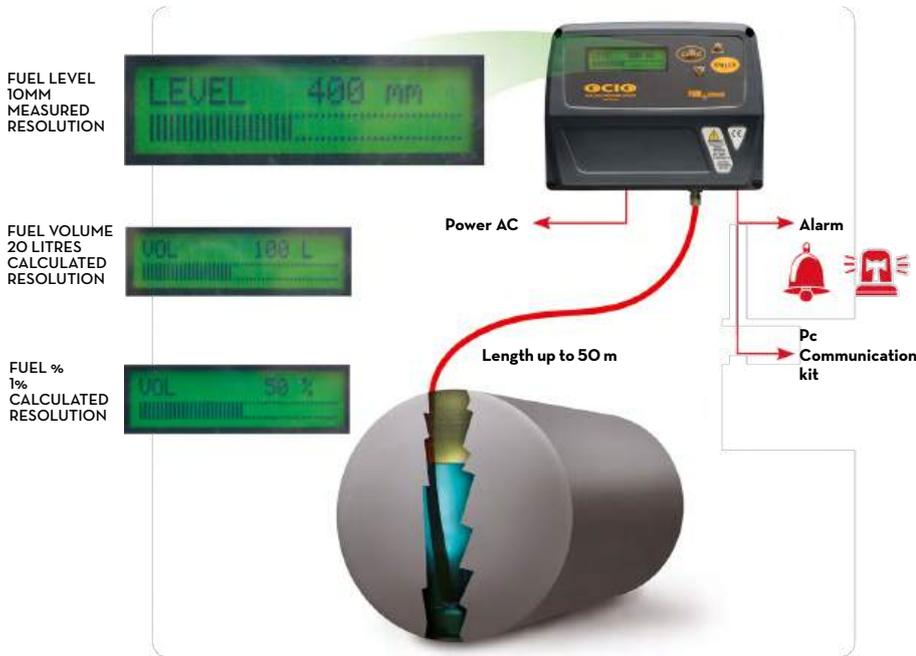


WATER

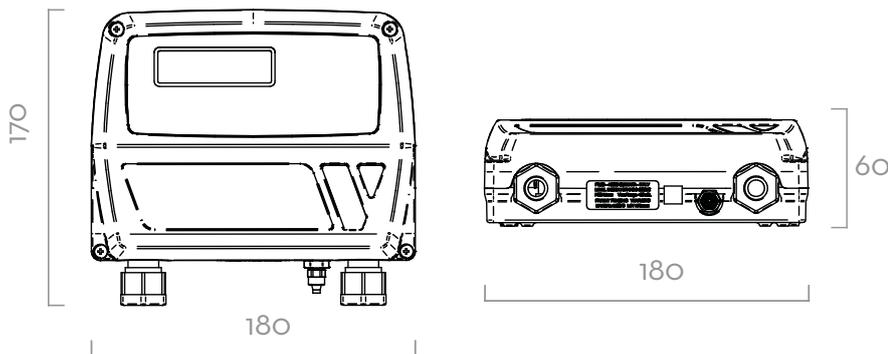


WINDSCREEN

## FUNCTIONING



## DIMENSIONS

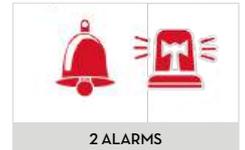


Dimensions expressed in millimeters

## IN THE BOX

- OCIO UNIT
- PROBE
- 10 MT TUBE
- INSTRUCTION MANUAL

## DETAILS



## MATERIALS

- PROBE: STAINLESS STEEL
- TUBE: TECHNOPOLYMER

## TECHNICAL DATA

| CODE      | DESCRIPTION                          | FLUIDS TYPE | VOLTAGE |            |
|-----------|--------------------------------------|-------------|---------|------------|
|           |                                      |             | AC V/Hz | POWER WATT |
| FO0755140 | LEVEL IND.OCIO LV230V 50/60 - ADBLUE | A B D O W W | 230/50  | 20         |



# TANK MONITORING ACCESSORIES

## TANK LEVEL INDICATOR

| OCIO  | CODE      | DESCRIPTION                              |
|---|-----------|--|
|  | F1391300A | KIT TUBO OCIO L=50MT                     |
|   | F15611000 | STAINLESS STEEEL PROBE FOR ADBLUE - OCIO |



F1391300A    F15611000





**HOSE REEL**

A solid red triangle is positioned in the bottom right corner of the page, pointing towards the top left. It is a simple, flat-colored geometric shape.



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METERED NOZZLES

# ADBLUE® HOSE REEL

## FEATURES

- HEAVY DUTY SPRING
- BUILT-IN HAND PROTECTION
- LONG LASTING

The PIUSI ADBLUE® HOSE REEL for AdBlue®, entirely Made in Italy, features a built-in heavy duty spring. It can be installed on a wall or inside closed cabinets. It is available both with or without hose.

## PERFORMANCE

**10 BAR**

MAX

OPERATING PRESSURE

**15 M**

HOSE LENGTH



ADBLUE® HOSE REEL



## PACKAGING

| CODE                | WEIGHT |      | PACKAGING   |          |         | N. BOXES / EUROPALLET |   |
|---------------------|--------|------|-------------|----------|---------|-----------------------|---|
|                     | KG     | LBS  | MM          | INCH     | PCS/BOX | ✕                     |  |
| <b>WITHOUT HOSE</b> |        |      |             |          |         |                       |   |
| FO075006A           | 14     | 30,9 | 550X260X540 | 21X10X20 | 1       | 12                    | 20  |
| <b>WITH HOSE</b>    |        |      |             |          |         |                       |   |
| FO075007C           | 17     | 37,5 | 550X260X540 | 21X10X20 | 1       | 12                    | 20  |
| FO075011B           | 24     | 52,9 | 550X260X540 | 21X10X20 | 1       | 12                    | 20  |



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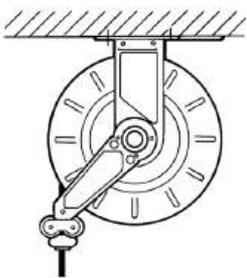


WINDSCREEN

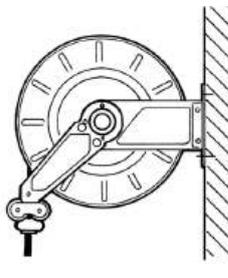
## INSTALLATION

Different ways to install PIUSI's hose reels: they can be easily placed wherever you need them without any problem about functionality and safety. PIUSI's products are without a doubt designed to support your work in any condition.

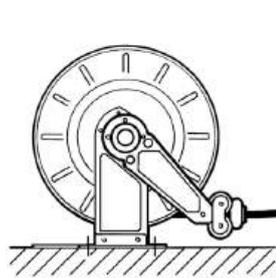
### ROOF INSTALLATION



### WALL INSTALLATION



### GROUND INSTALLATION



## IN THE BOX

- ADBLUE® HOSE REEL
- ACCESSORIES INCLUDED
- FIX SUPPORT PLATE (ON REQUEST)
- ROTATING SUPPORT PLATE (ON REQUEST)
- INSTRUCTION MANUAL

## DETAILS



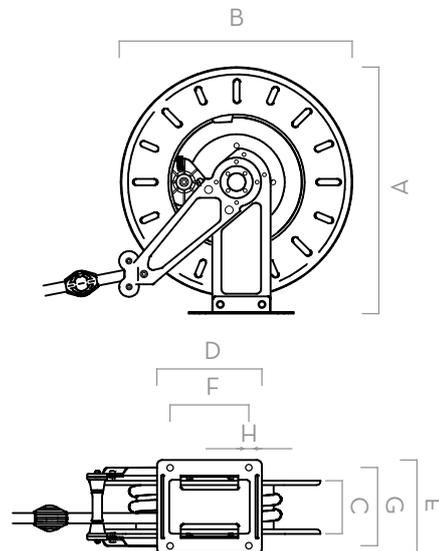
HAND PROTECTION



ACCESSORIES INCLUDED

## DIMENSIONS

| MODEL | OPEN HOSE REEL BIG | OPEN HOSE REEL SMALL |
|-------|--------------------|----------------------|
| A     | 495                | 475                  |
| B     | 460                | 460                  |
| C     | 152                | 102                  |
| D     | 200                | 150                  |
| E     | 246                | 196                  |
| F     | 150                | 150                  |
| G     | 200                | 150                  |
| H     | 12                 | 12                   |



Dimensions expressed in millimeters

## MATERIALS

- BODY: CAST IRON
- HUB: POLYPROPYLENE
- TUBE: RUBBER

## TECHNICAL DATA

| CODE                | DESCRIPTION                           | FLUIDS TYPE | HOSE* | MAX OPERATING PRESSURE (BAR) | PRESSURE DROP TYPE | INLET             | OUTLET | HOSE MAX LENGTH BOUND* (METERS) | HOSE LENGTH METER |
|---------------------|---------------------------------------|-------------|-------|------------------------------|--------------------|-------------------|--------|---------------------------------|-------------------|
|                     |                                       |             | BPS   |                              |                    | WITH HOSETAIL BSP | BSP    |                                 |                   |
| <b>WITHOUT HOSE</b> |                                       |             |       |                              |                    |                   |        |                                 |                   |
| FO075006A           | ADBLUE HOSE REEL " BSP W/O HOSE SMALL |             | 3/4"  | 10                           | 0,1 @ 35 L/MIN     | 3/4"              | 3/4"   | 9,5                             | -                 |
| <b>WITH HOSE</b>    |                                       |             |       |                              |                    |                   |        |                                 |                   |
| FO075007C           | ADBLUE HOSE REEL " BSP W/HOSE 8MT     |             | 3/4"  | 10                           | 0,4 @ 35 L/MIN     | 3/4"              | 3/4"   | -                               | 8                 |
| FO075011B           | ADBLUE HOSE REEL " BSP W/HOSE 15MT    |             | 3/4"  | 10                           | 0,6 @ 35 L/MIN     | 3/4"              | 3/4"   | -                               | 15                |



# HOSE REELS ACCESSORIES

## OPEN HOSE REEL

| ADBLUE® HOSE REEL   | CODE      | DESCRIPTION                       |
|---|-----------|-----------------------------------|
|  | F1731600A | SMALL HOSE REEL FIXED BASE        |
|   | F1731700A | SMALL HOSE REEL ROTATING SUPPORT  |
|   | F17275000 | KIT PLATE HOSE REEL TANK IBC      |
|   | F1629800A | BIG HOSE REEL FIXED BASE          |
|   | F1627900A | BIG HOSE REEL ROTATING SUPPORT    |
|   | F1818700A | CLAMP D.27-29 HOSEREEL UREA/SMALL |



F1731600A  
F1629800A

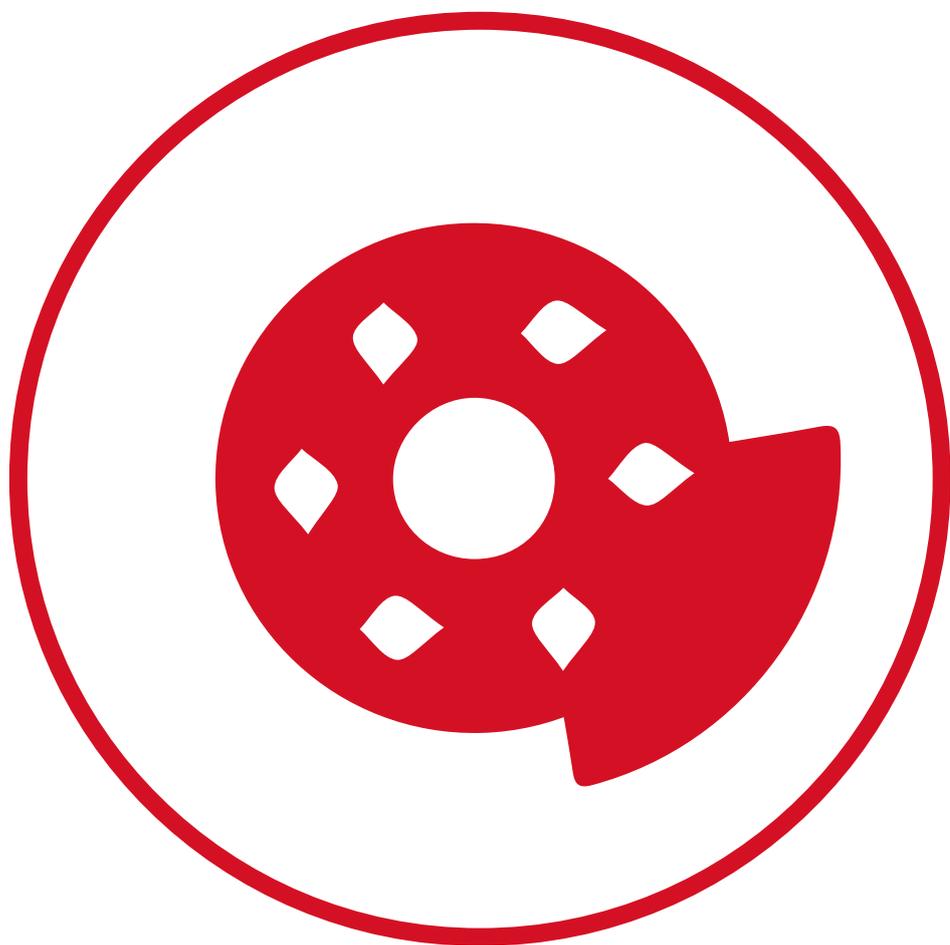


F1731700A  
F1627900A



F17275000





# **ACCESSORIES**

A large, solid red triangle is positioned in the bottom right corner of the page, pointing towards the top right.



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METERED NOZZLES

# CONNECTIONS & CONNECTORS

## FEATURES

- SEVERAL SHAPES
- PERFECTLY FIT EVERY EQUIPMENT
- COMPLIANT TO ISO22241 NORM

The PIUSI range of CONNECTIONS & CONNECTORS for AdBlue® is manufactured with materials compliant to the ISO22241 norm: AF2 or SEC that perfectly fits every application context, KIT BOTTOM CONNECTION, SUCTION CONNECTION and GRAVITY KIT for non-electric fluid transfer.

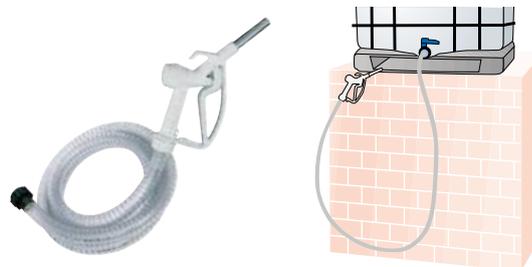
## CONNECTIONS

### TECHNICAL DATA

| CODE | DESCRIPTION | FLUID | LENGTH     | INLET / OUTLET |   | HOSE   | PIECES/BOX |
|------|-------------|-------|------------|----------------|---|--------|------------|
|      |             |       | METERS (M) | A              | B | Ø (MM) |            |

## GRAVITY KIT

|           |                          |  |     |          |        |   |   |
|-----------|--------------------------|--|-----|----------|--------|---|---|
| F1551700A | SUZZARA BLUE GRAVITY KIT |  | 3 M | F 2" BSP | NOZZLE | - | 1 |
|-----------|--------------------------|--|-----|----------|--------|---|---|



**SUZZARABLUE GRAVITY KIT**

## KIT BOTTOM CONNECTION

|           |  |  |       |          |           |   |   |
|-----------|--|--|-------|----------|-----------|---|---|
| F15515010 | KIT BOTTOM CONNECTION W/FOOT VALVE 0.3MT |  | 0,3 M | F 2" BSP | 1" X D.25 | - | 1 |
| F15515000 | KIT BOTTOM CONNECTION W/FOOT VALVE 1.5MT |  | 1,5 M | F 2" BSP | 1" X D.25 | - | 1 |



**F15515010**



**F15515000**

## SUCTION CONNECTION

|           |                                      |  |   |         |           |   |   |
|-----------|--------------------------------------|--|---|---------|-----------|---|---|
| F15606020 | SUCTION DIP TUBE SUZZARABLUE 2" BSP  |  | - | D.20 MM | 2" BSP    | - | 1 |
| F15606000 | SUCTION DIP TUBE SUZZARABLUE 56X4    |  | - | D.20 MM | 56X4 BUTT | - | 1 |
| F15606010 | SUCTION DIP TUBE SUZZARABLUE 2" BUTT |  | - | D.20 MM | 2" BUTT   | - | 1 |



**SUCTION CONNECTION**



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## CONNECTORS

### TECHNICAL DATA

| CODE | DESCRIPTION | FLUID | LENGTH     | INLET / OUTLET |   | HOSE   | PIECES/BOX |
|------|-------------|-------|------------|----------------|---|--------|------------|
|      |             |       | METERS (M) | A              | B | Ø (MM) |            |

### AF2

|           |                          |  |   |           |      |   |   |
|-----------|--------------------------|--|---|-----------|------|---|---|
| F20189000 | AF2 56X4 BUTTRESS / M 1" |  | - | 56X4 BUTT | M 1" | - | 1 |
| F20190000 | AF2 2" BUTTRESS / M 1"   |  | - | 2" BUTT   | M 1" | - | 1 |
| F20257000 | AF2 2" BSP / M 1"        |  | - | 2" BSP    | M 1" | - | 1 |
| F20258000 | AF2 2" 70X6 / M 1"       |  | - | 2" 70X6   | M 1" | - | 1 |



AF2

### SEC

|           |                                      |  |   |     |        |   |   |
|-----------|--------------------------------------|--|---|-----|--------|---|---|
| F15339000 | SEC CONNECTOR / M 3/4"               |  | - | SEC | M 3/4" | - | 1 |
| F15452000 | SEC CONNECTOR + HOSE TAIL 90° M 3/4" |  | - | SEC | M 3/4" | - | 1 |



SEC



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FUEL MANAGEMENT SYSTEMS



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METERED NOZZLES

# COUPLING & FITTINGS

## FEATURES

- STURDY DESIGN
- PERFECTLY FIT EVERY EQUIPMENT
- COMPLIANT TO ISO22241 NORM

Safe, sturdy and reliable: the PIUSI range of COUPLING & FITTINGS is expressly engineered for AdBlue® (compliant to ISO22241 norm). Several shapes and dimensions make this range suitable for every use.

## COUPLING & FITTINGS

### TECHNICAL DATA

| CODE | DESCRIPTION | FLUID | LENGTH     | INLET / OUTLET |   | HOSE   | PIECES/BOX |
|------|-------------|-------|------------|----------------|---|--------|------------|
|      |             |       | METERS (M) | A              | B | Ø (MM) |            |

## HOSETAILS

|           |                               |  |   |          |   |    |   |
|-----------|-------------------------------|--|---|----------|---|----|---|
| F15522000 | HOSETAIL M 1" X D.20 PLASTIC  |  | - | M 1" BSP | - | 20 | 1 |
| F16435000 | HOSETAIL F 1" X D.20 WITH NUT |  | - | F 1" BSP | - | 20 | 1 |



F15522000



F16435000

## ELBOWS

|           |  |  |   |            |   |    |   |
|-----------|--|--|---|------------|---|----|---|
| F15484000 | HOSETAIL 90° D.19 F 1" BSP FOR K24 METER |  | - | F 1" BSP   | - | 19 | 1 |
| F15450000 | HOSETAIL 90° D.19 F 3/4" BSP             |  | - | F 3/4" BSP | - | 19 | 1 |
| F16433000 | PIPE FITTING 90° 2/F 1" BSP RING         |  | - | F 1" BSP   | - | -  | 1 |
| F15485000 | HOSETAIL 90° D.19 1" BSP W/NUT W/NIPPLE  |  | - | 1" BSP     | - | 19 | 1 |



F15484000



F15450000



F16433000



F15485000

## FITTINGS

|           |  |  |   |          |          |   |   |
|-----------|--|--|---|----------|----------|---|---|
| F16434000 | STRAIGHT CONNECTION WITH 2 NUTS F 1" BSP |  | - | F 1" BSP | F 1" BSP | - | 1 |
|-----------|--|--|---|----------|----------|---|---|



F16434000



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## COUPLING&FITTINGS

### TECHNICAL DATA

| CODE | DESCRIPTION | FLUID | LENGTH     | INLET / OUTLET |   | HOSE   | PIECES/BOX |
|------|-------------|-------|------------|----------------|---|--------|------------|
|      |             |       | METERS (M) | A              | B | Ø (MM) |            |

### SLEEVE

|           |  |  |   |          |          |   |    |
|-----------|--|--|---|----------|----------|---|----|
| F16073000 | SLEEVE F 1" BSP / F 1" BSP (20 PCS) SS |  | - | F 1" BSP | F 1" BSP | - | 20 |
| F16458000 | SLEEVE F 1" NPT / F 1" BSP (20 PCS) SS |  | - | F 1" NPT | F 1" BSP | - | 20 |



F16073000  
F16074000  
F16458000

### COUPLINGS

|           |                                    |  |   |          |          |   |   |
|-----------|------------------------------------|--|---|----------|----------|---|---|
| F15176000 | NIPPLE M 1" BSP / M 1" BSP PLASTIC |  | - | M 1" BSP | M 1" BSP | - | 1 |
|-----------|------------------------------------|--|---|----------|----------|---|---|



F15176000

### SWIVEL UNION

|           |                                  |  |   |          |          |   |   |
|-----------|----------------------------------|--|---|----------|----------|---|---|
| F15776000 | SWIVEL UNION M 1" BSP / F 1" BSP |  | - | M 1" BSP | F 1" BSP | - | 1 |
|-----------|----------------------------------|--|---|----------|----------|---|---|



F15776000



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METERS



METERED NOZZLES

# HOSE&SWIVEL

## FEATURES

- SEVERAL LENGTH
- WIDE ARRAY OF SHAPES
- COMPLIANT TO ISO22241 NORM

PIUSI has designed a complete range of HOSES&SWIVEL for AdBlue® that meets the most common usages requirements: rigid or flexible hoses to be used inside or outside the tanks, crimped, spiral, submersible and non submersible hoses; all compliant to ISO22241 norm.

## HOSE&SWIVEL

### TECHNICAL DATA

| CODE | DESCRIPTION | FLUID | LENGTH     | INLET / OUTLET |   | HOSE   | PIECES/BOX |
|------|-------------|-------|------------|----------------|---|--------|------------|
|      |             |       | METERS (M) | A              | B | Ø (MM) |            |

## CLAMP

|          |                                |   |   |   |   |   |    |
|----------|--------------------------------|---|---|---|---|---|----|
| F1380000 | STAINLESS STEEL CLAMPS (10PCS) | - | - | - | - | - | 10 |
|----------|--------------------------------|---|---|---|---|---|----|



CLAMP

## DELIVERY HOSES

|           |                             |  |      |   |   |           |   |
|-----------|-----------------------------|--|------|---|---|-----------|---|
| F14250000 | DELIVERY EPDM HOSE .7" 4MT  |  | 4 M  | - | - | 3/4" - 19 | 1 |
| F14125020 | DELIVERY EPDM HOSE .7" 6MT  |  | 6 M  | - | - | 3/4" - 19 | 1 |
| F14125030 | DELIVERY EPDM HOSE .7" 8MT  |  | 8 M  | - | - | 3/4" - 19 | 1 |
| F14125040 | DELIVERY EPDM HOSE .7" 10MT |  | 10 M | - | - | 3/4" - 19 | 1 |
| F1412505B | DELIVERY EPDM HOSE .7" 50MT |  | 50 M | - | - | 3/4" - 19 | 1 |



DELIVERY HOSES

## DELIVERY CRIMPED HOSES

|           |  |  |     |            |   |           |   |
|-----------|--|--|-----|------------|---|-----------|---|
| F1907200A | DELIVERY EPDM CRIMPED HOSE F. 3/4" BSP 6MT |  | 6 M | F 3/4" BSP | - | 3/4" - 19 | 1 |
|-----------|--|--|-----|------------|---|-----------|---|



DELIVERY CRIMPED HOSES

## SUBMERSIBLE SUCTION SPIRAL HOSES

|           |  |  |       |      |   |           |   |
|-----------|--|--|-------|------|---|-----------|---|
| F1412400B | SUCTION SPIRAL SS EPDM HOSE .7" 15MT     |  | 15 M  | 3/4" | - | 3/4" - 19 | 1 |
| F15883000 | KIT SUCTION SPIRAL EPDM HOSE 1.1MT W/SEC |  | 1,1 M | SEC  | - | 3/4" - 19 | 1 |



F1412400B



F15883000



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## HOSE&SWIVEL

### TECHNICAL DATA

| CODE | DESCRIPTION | FLUID | LENGTH     | INLET / OUTLET |   | HOSE   | PIECES/BOX |
|------|-------------|-------|------------|----------------|---|--------|------------|
|      |             |       | METERS (M) | A              | B | Ø (MM) |            |

### NON SUBMERSIBLE SUCTION SPIRAL HOSES

|           |  |  |       |            |   |           |   |
|-----------|--|--|-------|------------|---|-----------|---|
| F14146000 | KIT SUCTION HOSE EPDM 1,5MT W/FOOT VALVE |  | 1,5 M | FOOT VALVE | - | 3/4" - 19 | 1 |
| F1424900A | SUCTION SPIRAL EPDM HOSE .7" 1.5MT       |  | 1,5 M | -          | - | 3/4" - 19 | 1 |
| F19014000 | SUCTION SPIRAL EPDM HOSE .7" 30MT        |  | 30 M  | -          | - | 3/4" - 19 | 1 |
| F19286000 | SUCTION EPDM HOSE .7" 1.5MT CRIMP 1 SIDE |  | 1,5 M | 3/4"       | - | 3/4" - 19 | 1 |



F14146000



F1424900A



F19014000



F19286000

## HOSE PROTECTION

|           |                               |  |   |      |   |   |   |
|-----------|-------------------------------|--|---|------|---|---|---|
| F1649700A | RUBBER PROTECTOR FOR HOSE .7" |  | - | 3/4" | - | - | 1 |
|-----------|-------------------------------|--|---|------|---|---|---|



F1649700A

## SWIVEL

|           |   |  |   |            |   |       |   |
|-----------|---|--|---|------------|---|-------|---|
| F14132000 | SWIVEL M .7" BSP X D.19 STAINLESS STEEL |  | - | M 3/4" BSP | - | 19 MM | 1 |
| F15437000 | SWIVEL M .7" BSP X D.25 STAINLESS STEEL |  | - | M 3/4" BSP | - | 25 MM | 1 |

F14132000  
F15437000



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PUMPS

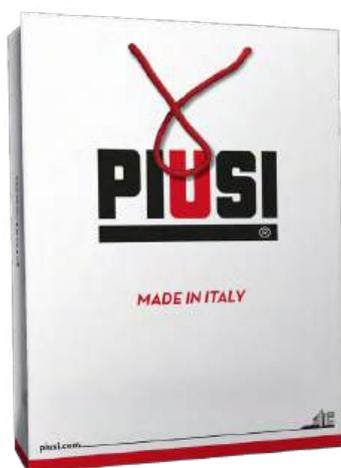


METERS



METERED NOZZLES

# MERCHANDISE



## PACKAGING

| CODE                 | DESCRIPTION                         | WEIGHT |     | PACKAGING |      |            |         |
|----------------------|-------------------------------------|--------|-----|-----------|------|------------|---------|
|                      |                                     | KG     | LBS | MM        | INCH | PCS/PALLET | PCS/BOX |
| <b>T-SHIRT WHITE</b> |                                     |        |     |           |      |            |         |
| PBG000026            | PIUSI T-SHIRT WHITE BOX 10 PCS - L  | 1      | -   | 35X26X18  | -    | -          | 10      |
| PBG000027            | PIUSI T-SHIRT WHITE BOX 10 PCS - XL | 1      | -   | 35X26X18  | -    | -          | 10      |
| PBG000029            | PIUSI T-SHIRT WHITE BOX 10 PCS - M  | 1      | -   | 35X26X18  | -    | -          | 10      |
| <b>UMBRELLA</b>      |                                     |        |     |           |      |            |         |
| PBG000030            | PIUSI UMBRELLA - BOX 10 PCS         | 5,5    | -   | 35X26X18  | -    | -          | 10      |
| <b>BAG</b>           |                                     |        |     |           |      |            |         |
| PBG000035            | PIUSI BAG 2018 - BOX 150 PCS        | 18,5   | -   | -         | -    | -          | 150     |
| <b>KEYRING</b>       |                                     |        |     |           |      |            |         |
| PBG000041            | PIUSI KEYRING - BOX 100 PCS         | -      | -   | -         | -    | -          | 100     |



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## PACKAGING

| CODE                        | DESCRIPTION                | WEIGHT |     | PACKAGING        |      |            |         |
|-----------------------------|----------------------------|--------|-----|------------------|------|------------|---------|
|                             |                            | KG     | LBS | MM               | INCH | PCS/PALLET | PCS/BOX |
| <b>METALLIC FLOOR STAND</b> |                            |        |     |                  |      |            |         |
| PBA000013                   | PIUSI METALLIC FLOOR STAND | 76     | -   | 120X100 (PALLET) | -    | 1          | -       |
| <b>PIUSI FLAG</b>           |                            |        |     |                  |      |            |         |
| PBA000030                   | DROP DISPLAY PIUSI - ADV   | 8      | -   |                  |      |            | 1       |

# PIUSI FLUIDS' INFORMATION

## ABOUT ADBLUE®

PIUSI SpA has been a leading manufacturer of fuel and lubricant transfer equipment since 1953, with a particular focus on the supply of pumps, flow meters, compressors and measuring instruments.

Diesel Exhaust Fluid (DEF): New Directives aimed at reducing the emission of pollutants into the atmosphere are complied with by **installing a catalyser** on the truck (SCR), which requires the use of a **special liquid blend of water and urea known as AdBlue®**, Arla or AUS 32 depending on reference market.

Every truck has to be equipped with an additional tank to store this special liquid. On the basis of meticulous analyses of the issues relating to urea transfer, **PIUSI has developed a reliable range of products made with materials that are compatible** with this fluid.

**AdBlue® is a non-toxic urea solution used for chemically reducing nitrogen oxide (NOx) levels in diesel engine exhaust gases.**

With effect from **1 January 2005**, all new vehicles sold in Europe must comply with the **Euro 4 standard**, which significantly limits polluting emissions.

AdBlue® enables latest-generation heavy vehicles to meet the envisaged limits, without compromising the performance or efficiency of their engines in any way.

With over 40,000 pumps and transfer equipment for AdBlue®/DEF installed throughout Europe, PIUSI is helping companies and government bodies to reduce NOx emissions as required by European legislation.

PIUSI offers a comprehensive range of transfer equipment and dispensers for AdBlue®, including pumps, flow meters, nozzles and all the necessary accessories for Urea transfer units.

**The units can be easily applied to and removed from IBC tanks and drums.**

The company also offers a series of **solutions for monitoring fluid levels in tanks and the quantities dispensed** by users.



## TYPE OF FLUIDS

**AIR**

**A**

**ANTIFREEZE**

**A**

**AdBlue® (UREA)**

**Ad**

**BIODIESEL**

**B**

**DIESEL**

**D**

**FOOD**

**F**

**GASOLINE**

**G**

**GREASE**

**G<sup>R</sup>**

**KEROSENE**

**K**

**OIL**

**O**

**WATER**

**W**

**WINDSCREEN**

**W<sub>S</sub>**

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Since 1953, piusi has been employing italian engineering skills at the service of its customers, with professionalism and integrity in order to build stable and lasting relationships.

Our mission is to provide simple, intelligent and professional solutions for the transfer, dispense and measurement of lubricants, fuels and liquids, with the highest consideration for human and environmental health.



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