

PIUSI

SOLUTIONS FOR AGRICULTURE

**A COMPLETE RANGE OF EQUIPMENT
FOR ALL APPLICATION TYPES**



A complete response to the requirements of the agricultural sector

The agricultural sector has always been at the heart of PIUSI's operations: the first product ever created was the PTO pump for washing tractors. Since then, PIUSI has applied its product know-how and engineering expertise to the agricultural sector, expanding its own range which now includes solutions for dispensing, transferring and metering fuels, lubricants, oils and AdBlue®.

All PIUSI products offer an effective response to the demands of daily usage in the various application sectors and feature a sturdy and safe design, to guarantee optimal performance even in the most extreme operating conditions.



FIXED REFUELLING

A complete range of fixed dispensers to create an on-site refuelling area for all types of vehicles on the farm itself.



MOBILE REFUELLING

Powerful, portable and easy-to-handle equipment for on-site refuelling where the dedicated refuelling area cannot be reached.



HIGH-FLOW REFUELLING

Equipment suitable for on-site operation, on vehicles with large storage tanks and when a high flow is required.

All PIUSI solutions suit a variety of applications, thanks to their ready-to-use, versatile, easy-to-handle and extremely safe products.

PIUSI is Europe's leading manufacturer of fluid management systems (for diesel, petrol and AdBlue®) and one of the sector's major players at international level. Founded in 1953, the company operates in 135 countries worldwide, covering global markets with certified, high-quality Italian-made products.



ATEX/UL EQUIPMENT

A complete range of EX equipment for refuelling procedures in potentially explosive atmospheres.



ADBLUE® EQUIPMENT

Dedicated equipment for AdBlue®, for both high and low consumption depending on the specific needs of the farm.



SERVICE EQUIPMENT

Sturdy mobile kits for on-site lubrication and greasing of agricultural equipment, for use on the basis of individual requirements.

A range for all APPLICATION TYPES

The PIUSI range of equipment for the agricultural sector is developed and engineered to respond to all market demands, with ready-to-use products that are suitable for all situations.



6

page

FIXED REFUELLING

Dispensers for installation on tanks or drums, to create a refuelling area.



11

page

MOBILE REFUELLING

Special equipment for all on-site refuelling procedures.

13

page

HIGH-FLOW REFUELLING

The perfect solutions for on-site procedures requiring a high flow rate.





15

page

ATEX EQUIPMENT

Special equipment for refuelling in potentially explosive atmospheres.



16

page

ADBLUE® EQUIPMENT

Special equipment for transferring AdBlue®, to meet all consumption needs.



18

page

SERVICE EQUIPMENT

Equipment for all on-site lubrication and greasing procedures.



FIXED REFUELLING

PIUSI provides you with the most suitable solution for **setting up your on-site refuelling area for the farm.** The PIUSI range of **fixed dispensers** is sturdy, safe and **can be installed on drums, tanks and as a stand-alone product**, to meet the most varied needs in terms of the amount of procedures and refuelling flow.

Piusi HAND PUMP DRUM

Rotary vane pump suitable for **transferring diesel and low-viscosity oils.** Entirely designed, manufactured and certified in Italy, this sturdy pump guarantees professional performance and easy relocation.

FLOW RATE
up to **38l/100 revolutions**

- 3 m dispensing hose
- Optimised suction capacity
- Heavy-duty lever
- Smooth revolutions
- Sturdy design

DIESEL

OILS



Modular self-priming diesel and oil transfer unit for non-commercial use, which can easily be fitted to drums using the 2" quick coupling. Available in **different versions** depending on the type of pump required.

FLOW RATE
(l/min)

Drum Panther	56
Drum Bipump	80
Drum Viscomat 70	28
Drum Viscomat DC	4
Drum Viscomat 200	9

- AC and DC versions
- 4 m dispensing hose
- Telescopic suction tube
- Nozzle housing above the drum, for clean and easy procedures
- Suction filter

DIESEL

OILS

IP 55
IP Protection
Guaranteed



ST

Diesel transfer station that can be used to **refuel mobile tanks** or to **interact with distribution units**. The sturdy structure of this dispenser makes it suitable for use even in the **most challenging environments**. It can be **combined with a protective metal box and water separating filter**.

DIESEL

OILS



FLOW RATE (l/min)

ST Panther	56/72
ST E80	80
ST E120	90
ST Panther 3000	42
ST BP3000	42
ST Viscomat	30

- AC and DC versions
- Check valve
- Filter and nozzle housing
- 4 m dispensing hose (6 m on request)



ST with Meter

Diesel transfer station for fixed systems consisting of an AC or DC **pump, nozzle** and **precision meter**, either mechanical (K33) or electronic (K600/3 B). For safe and controlled refuelling procedures.

DIESEL



FLOW RATE (l/min)

ST Panther	52/70
ST Panther	56/72
ST Panther DC	35/70
ST E80	75/80
ST E120	90
ST BP3000	35/40
ST Bipump	80
ST Viscomat	30

- Accuracy +/- 1%
- Check valve
- Filter and nozzle housing
- 4 m dispensing hose (6 m on request)



ST with Meter and Filter

Range of **dispensers** especially suited to all **applications in which filtration is required**. The stations actually incorporate **PIUSI Clear Captor or Water Captor filters** and are available with either **K33 mechanical meters** or **K24 electronic meters**.



FLOW RATE (l/min)

ST Panther	52/70
ST E120	90

- Accuracy +/- 1%
- AC version
- Check valve
- Filter and nozzle housing
- 4 m dispensing hose (6 m on request)



ST BOX

Diesel refuelling station complete with **pump, meter and filter**, with lockable **protective metal box**. The unit comes with an **antistatic hose** for diesel fuel and **automatic dispensing nozzle**. The **Pro version** features an Access 85 electronic access control unit.



FLOW RATE (l/min)

ST BOX Panther	56/70
ST BOX E80	80
ST BOX E120	90
ST BOX Bipump	80

- Accuracy +/- 1%
- AC version
- Check valve
- 6 to 8 m dispensing hose
- Access 85 control unit



CUBE

Diesel dispenser for non-commercial use. Its **sturdy construction** is designed for various applications: it can be fitted to walls, tanks, cisterns, drums or pedestals. The dispenser has a **self-priming vane pump with bypass**, installed on anti-vibration supports.



FLOW RATE up to 90 l/min

- Accuracy +/- 1%
- AC and DC versions
- Mechanical seal
- Induction motor with thermal overload protection
- Built-in nozzle housing with pump stop/start lever
- Mesh filter



SelfService K44

Diesel dispenser for non-commercial use, featuring a high-capacity vane pump, built-in mechanical filter and Water Captor filter. It is especially suited to all requirements of **high-flow diesel dispensing.**



FLOW RATE up to 90 l/min

- Accuracy +/- 1%
- AC version: continuous operation
- Pedestal/tank version



CUBE MC

An upgraded version of Cube, this **dispenser** features an **electronic panel capable of managing up to 120 users and 255 transactions**. The sturdy construction houses a **self-priming vane pump, a built-in bypass, an automatic nozzle** and a **nozzle holder** with pump start/stop lever.

FLOW RATE

up to **70 l/min**

- Accuracy +/- 0.5%
- AC and DC versions
- Pedestal/tank version
- Up to 120 users
- Compatible with SSM 2018 software

DIESEL



SelfService MC

All-in-one dispenser for all diesel dispensing requirements. With its sturdy construction, this product features a high-capacity **vane pump a built-in bypass, automatic nozzle, Water Captor filter and electronic panel** for managing up to 80 users and 255 transactions.

FLOW RATE

up to **90 l/min**

- Accuracy +/- 0.5%
- AC version: continuous operation
- Pedestal/tank version
- Up to 80 users
- Compatible with SSM 2018 software

DIESEL



LEVEL INDICATOR

In order to monitor the tank, you can install the PIUSI OCIO, the level indicator which provides a real-time reading of the amount of fluid left in the tank. OCIO can be used in conjunction with all ST models (standard, with Meter and with Meter and Filter), ST BOX, Cube, SelfService K44, Cube MC and SelfService MC.

MOBILE REFUELLING

PIUSI offers a complete range of specific equipment for **refuelling your vehicles wherever necessary**, the perfect solution for all situations in which refuelling cannot be carried out in a dedicated area.

PIUSI dispensers are **easy to move** and allow **safe on-site refuelling**.

Wherever your farm vehicle is, PIUSI mobile solutions meet every refuelling need!

PITSTOP

Dispenser with two DC pumps, hose reel, water filter and automatic nozzle incorporated in a sturdy supporting structure. Versatile and compact, this is the all-in-one solution for setting up the perfect mobile refuelling unit.

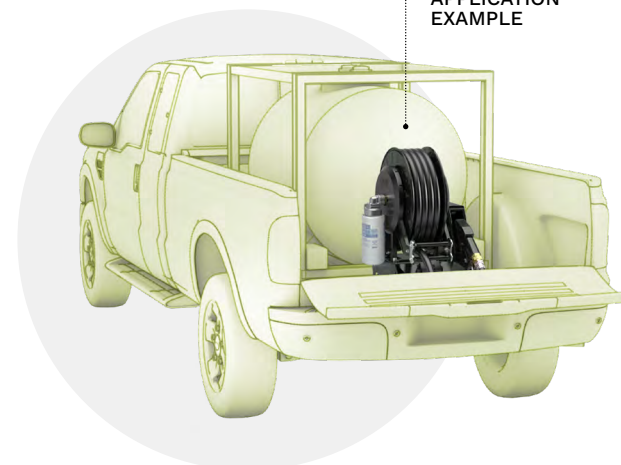
FLOW RATE up to **45 l/min**

- 30 minutes service time
- 3/4"-14 m hose (1"-10 m)
- Filter with water absorption cartridge
- Sturdy metal structure
- Side safety guards
- Adjustable arms with end-of-travel hose stop
- **ON/OFF** button
- K24 meter (on request)

DIESEL



MOBILE
APPLICATION
EXAMPLE



PIUSIBOX

Portable unit with an incorporated self-priming transfer pump, filter, check valve and manual nozzle, suitable for quick, safe and easy mobile refuelling procedures.



FLOW RATE up to 45 l/min

- BP 3000 pumps 12/24 V
- 30 minutes service time
- Built-in filter (PRO version)
- Rotating connection
- ON/OFF button
- Foot valve
- K24 meter (on request)
- Easy to pack away after use

DRUM
APPLICATION
EXAMPLE



DIESEL

BATTERY KIT

Portable diesel transfer kit with self-priming electric vane pump. Its modular construction means that different pumps can be used according to the required flow rates and the various intended uses. It comes with an incorporated nozzle and a set of accessories.



FLOW RATE (l/min)

Battery Kit 3000	50
Battery Kit Panther 12 V	56
Battery Kit Panther 12/24 V35/70	
Battery Kit Bipump	80
Battery Kit Oil	10

- 30 minutes service time
- Self-priming up to 2 m
- Cast iron pump body
- Terminal board with switches and fuses protecting against overload
- Drum kit (on request)

DIESEL

OILS

AVAILABLE PUMPS

Flow rate l/mm 50 l/mm 56/70 l/mm 80 l/mm 10 l/mm



Battery Kit
3000 INLINE



Battery Kit
PANTHER



Battery Kit
3000 BIPUMP



Battery Kit
Oil

HIGH-FLOW REFUELLING

PIUSI has designed and engineered these solutions specifically to meet the **most demanding flow rate requirements**. Thanks to their structural features, these **dispensers** are the perfect solution for tractors, vehicles and machines which require high-flow refuelling.

ST 200 AC

Dispenser offering a **high fuel flow rate** thanks to the **two built-in E120 self-priming rotary electric vane pumps**. Equipped with a bypass valve and a highly reliable seal, **it also works at low operating temperatures and in all operating conditions**.

FLOW RATE up to **200 l/min**

- AC 230 V
- Continuous operation
- Sturdy steel frame
- Wheels and handle available as accessories
- Suction hose up to 10 m
- Flow rate up to 170 l/min with 20 m hose (1" 1/2 hose kit)
- Self-priming

DIESEL



HANDY KIT
VERSION WITH
WHEELS AND HANDLE

ST 200 DC

Portable 24 V dispenser for high-flow applications. The low weight of the unit makes it easy to handle and suitable for **on-site use**.



FLOW RATE up to **185 l/min**

- 20 minutes service time
- Thermal protection
- Suction hose up to 10 m
- Flow rate up to 170 l/min with 20 m hose (1" 1/2 hose kit)
- Self-priming

DIESEL



ATEX/ UL REFUELLING

PIUSI has a wealth of proven experience and in-depth know-how on the topic of diesel transfer systems; this has led the company to develop a **comprehensive range of pumps and dispensers suitable for all flammable liquids**, including petrol, kerosene and diesel. This equipment is **ATEX/UL certified** for use in **potentially explosive atmospheres**.

EX50 DRUM

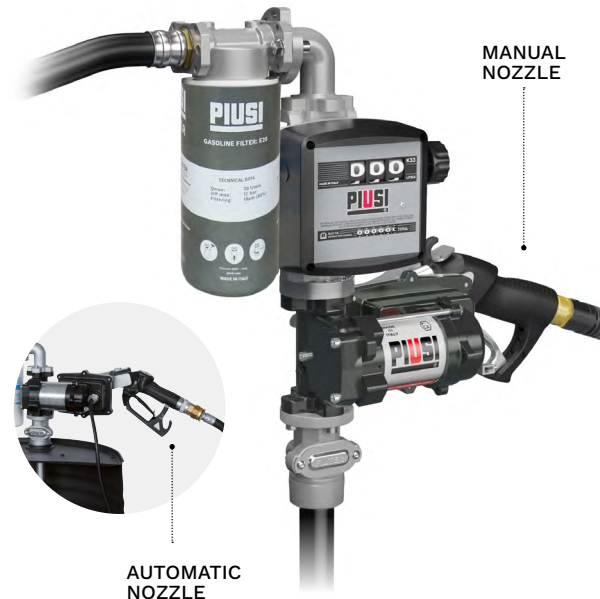
Transfer unit designed specifically for **ATEX/IECEx usage**. This system consists of a **high-efficiency pump, an automatic or manual nozzle** and a **suction tube** up to 1,100 mm long.

DIESEL PETROL
KEROSENE



FLOW RATE
up to **50 l/min**

- DC versions
- Telescopic suction tube
- 2" quick coupling
- Thermal protection
- Compatible fluids petrol, diesel, kerosene, ethanol maximum 15%, Aspen 2/4



EX50 ST

Compact and sturdy **transfer station** equipped with an **ACEX/IECEx certified pump** suitable for the transferral of flammable liquids. The **flanged components** allow the replacement of all components without the use of sealants.

DIESEL PETROL
KEROSENE



FLOW RATE
up to **50 l/min**

- Accuracy +/- 1%
- AC and DC versions
- 2" quick coupling
- Thermal protection
- Compatible fluids petrol, diesel, kerosene, ethanol maximum 15%, Aspen 2/4



ADBLUE®

EQUIPMENT

PIUSI offers a comprehensive range of **pumps and dispensers for transferring AdBlue® from drums or IBCs**, designed to **prevent any potential contamination of the fluid** and to guarantee safe and reliable refuelling in all situations, from the lowest consumption levels to the highest. The materials and mechanical components in the range are designed in strict compliance with standard **ISO 22241**.

SUZZARABLU 3 BASIC/PRO

AdBlue® turnkey dispensing system for IBC tanks, suitable for all operating conditions. Available in AC/DC version, it consists of the **SUZZARABLU pump**, the **3D Filter** (in PURE versions) and an **automatic or manual nozzle**. The PRO version includes the **K24 meter for AdBlue®** or the **SB325_X METER metered nozzle**.

AdBlue®

FLOW RATE

up to **35 l/min**

- 20 minutes service time
- AC and DC versions
- 6 m dispensing hose
- Accuracy +/- 1%*
- Optional 3D filter
- Built-in nozzle (automatic/manual)
- Steel support
- and ergonomic bracket system
- Various IBC connections available (SEC/AF2/EXTERNAL SUCTION)



*SUZZARABLU 3 PRO version

SUZZARABLUE Drum

AdBlue® dispensing system with an **adjustable stainless steel base** for **easy movement** from one drum to another.

FLOW RATE up to **32 l/min**

- 20 minutes service time
- AC and DC versions
- 6 m dispensing hose
- ON/OFF button
- **Stainless steel base**
- **AF2 connector**

AdBlue®



PIUSIBOX for AdBlue®

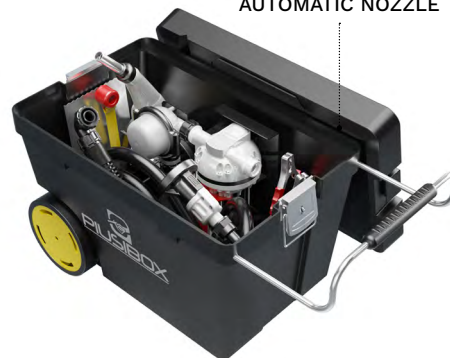
Portable AdBlue® dispenser, designed to carry out quick and clean **transfer and refuelling procedures**, even when environmental conditions may be the **main causes of fluid contamination**.

FLOW RATE up to **35 l/min**

- Service time 20 minutes on and 20 minutes off
- DC version
- 6 m dispensing hose
- **Self-priming pump**
- **2 m suction hose**

AdBlue® **IP 55**
IP Protection
Guaranteed

IN THE PIUSI BOX:
DC PUMP
SEC CONNECTOR
3D FILTER
AUTOMATIC NOZZLE



Piusi HAND PUMP

Stainless steel rotary hand pump certified for easy and instant AdBlue® transfer. Its **manufacturing tolerances**, along with its **wear-resistant materials**, guarantee **many years of flawless operation**.

FLOW RATE up to **38 l/100**

revolutions

- 2.5 m dispensing hose
- **Sturdy construction**
- **Suction hose and adapter with bung**

AdBlue®



IBC VERSION

SERVICE EQUIPMENT

PIUSI offers a range of reliable and safe **mobile oil and grease carts**, with different specifications to suit various consumption requirements. PIUSI mobile kits are **sturdy** and **easy to move**, making them the ideal solution for **on-site lubrication and greasing procedures**.

OIL CART KIT

Oil dispensing units suitable for **transferring medium-/high- viscosity lubricants**. They include a pneumatic pump, the Easy K400 nozzle, a hose reel and a sturdy cart.

FLOW RATE
up to **21.5 l/min**

- Accuracy +/- 0.5%
- Operating pressure 3-8 bar
- Medium-/high-viscosity lubricants
- Dual-effect pump
- Ultra silent

OILS



OIL CART KIT 3.5
WITH METER • HOSE
REEL CLOSED

AVAILABLE KITS



OIL CART KIT 3.5
WITHOUT METER



OIL CART KIT 3.5
WITH METER



OIL CART KIT 3.5
WITH METER •
HOSE REEL

GREASE CART KIT

Grease dispensing unit suitable for **drums up to 180 kg**, with pneumatic pump, drum cover, follower plate, nozzle with rigid or flexible spout: a **mobile dispenser for transferring high-viscosity lubricants**.

AIR CONSUMPTION 130/160 l/min

- Drums up to 180 kg
- Operating pressure 4-7 bar
- High-viscosity lubricants
- Dual-effect pump
- Ultra silent

LUBRICANTS

AVAILABLE KITS

GREASE
CART KIT 30



GREASE
DRUM KIT 60



GREASE
DRUM KIT 30



GREASE CART KIT 60

**CHOOSE
THE PIUSI
AGRICULTURAL
RANGE AND
FIND THE
PERFECT
SOLUTION
FOR EVERY
APPLICATION!**

The PIUSI range of products for the agricultural sector is available throughout the world, via a professional network of authorised dealers. Get in touch with your local representative to order a dispenser or contact PIUSI for further information.



PIUSI



piusi.com

PIUSI S.p.A. • 46029 Suzzara (Mantova)
tel. +39 0376 534561 • fax +39 0376 536393 • piusi@piusi.com

PIUSI USA, Inc. • 3901 Anglers Ave Fort Lauderdale, FL 33312
tel. 954 584 1552 • fax 954 584 1554 • piusiusa@piusiusa.com

06.24 REV.01 | EN