

Agriculture equipment

➤ The complete range of equipment for the agricultural sector



Feed your needs with PIUSI range and enhance your agriculture activities!

Since its foundation in 1953, **the agricultural sector has always been at the heart of PIUSI activities representing its business starting point:** the first product ever developed by the Company was a PTO pump for tractor washing.

Since then, PIUSI has carried out its core business of pump manufacturing **applying its know-how and engineering competence to the sector** and developing a specific product range for agriculture which includes, today, solutions for dispensing, handling and measuring fuels, lubricants, oils and AdBlue® covering all types of requirements in this field.

All the equipment is specifically engineered to meet the demand for daily use in the field and is manufactured with a sturdy design to support the heaviest duty conditions.

**Are you ready to
change your farming?
Choose PIUSI solutions
for agriculture!**

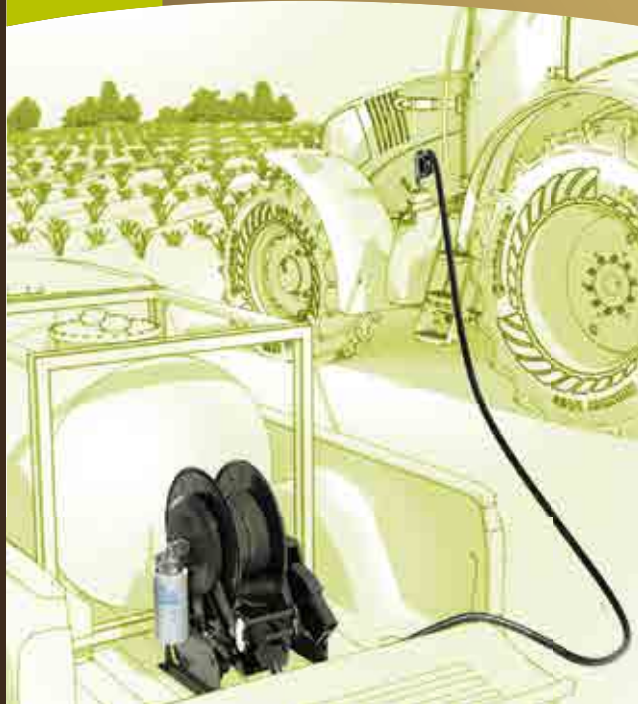


> Your needs, **our solutions**

Application 01



Powerful and portable equipment, easy to handle, that allows **refueling operations onsite** in cases where reaching the refueling area is not simple.

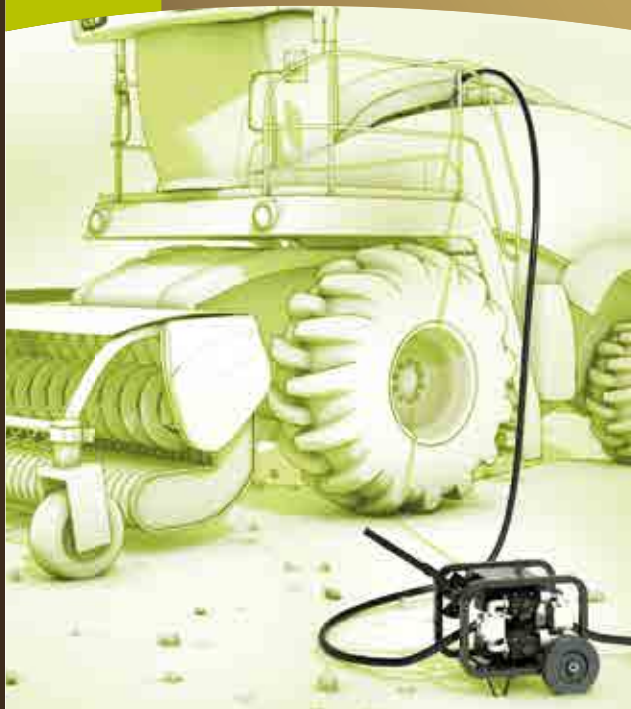


> **Mobile refueling**

Application 02



When high flow is required, this equipment is suitable for operating **directly on worksites and on vehicles with large storage tanks**.

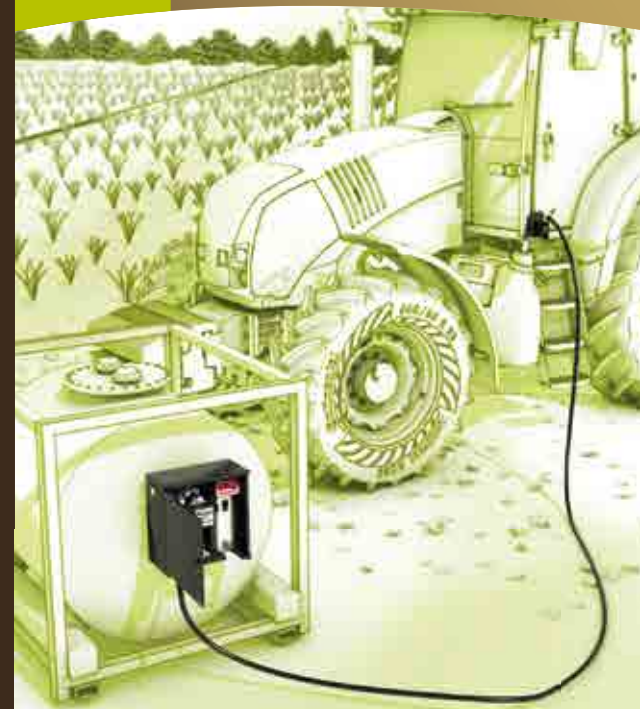


> **High Flow refueling**

Application 03



The **complete range of fixed dispensers** to set up a refueling area for any vehicle tank in the farming area.



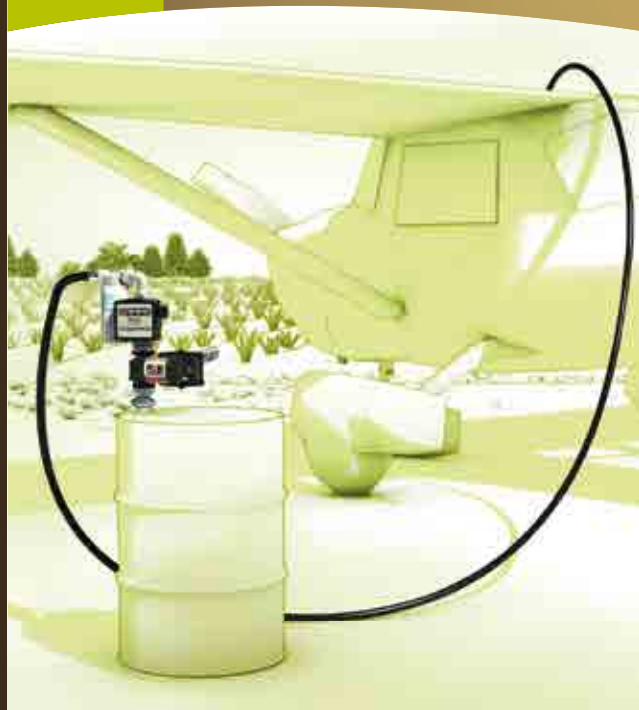
> **Fixed refueling**

All our solutions easily suit a variety of applications: ready-to-use, versatile and handy equipment to safely manage refueling operations, AdBlue® filling, lubrication and greasing of agricultural vehicles, machineries and equipment.

Application 04



A complete **range of explosion proof equipment** suitable for refueling operation in a potentially explosive atmosphere.



➤ **Explosion proof refueling**

Application 05



Dedicated **AdBlue® equipment both for high and low consumptions** according to farm requirements.



➤ **AdBlue® equipment**

Application 06



Mobile sturdy kit to allow **all greasing and lubricating operations onsite** according to the different requirements.



➤ **Service equipment**

> Agriculture equipment range

> Mobile refueling

Equipment specific for all
refueling operation on-site.

pages **08/11**

> Explosion proof refueling

Dedicated equipment
suitable for refueling
operation in a potentially
explosive atmosphere.

pages **20/21**

> AdBlue® equipment

Professional dedicated solutions suitable
for all consumption requirements.

pages **22/25**



The PIUSI range of equipment for the agricultural sector is engineered and developed to suit the most demanding needs of the sector:
ready to use and suitable for all situations.

➤ **Service equipment**

Developed to allow greasing and lubrication onsite.

pages **26/29**



➤ **High flow refueling**

The perfect solutions for the most demanding flow requirements.

pages **12/13**



➤ **Fixed refueling**

Dispensers for fixed installations on tanks or drums.

pages **14/19**



> Mobile refueling

SET UP YOUR REFUELING AREA WHEREVER YOU NEED.

This range of equipment is the perfect solution for all the situations in which the refueling operation can't be fulfilled in a dedicated area: **these dispensers can be easily moved where the refueling is needed** allowing full and safe operations onsite.





> PitStop

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

DIESEL

> PiusiBox

DIESEL

Portable box integrated with a self-priming transfer pump, filter, check valve and manual nozzle suitable for quick and safe refuel operations in all the situations where an easy mobile refueling is required.

FLOW-RATE

up to **45** l/min

- Two BP 3000 pumps 12/24V
- 30 minutes duty time
- Hose 3/4" - 14 m (1" - 10 m).
- Filter with water absorption cartridge
- Sturdy metallic structure
- Hose reel side safety guards
- Adjustable arms with end-of-travel hose stop
- ON/OFF switch
- K24 meter (on request)



EXAMPLE
OF MOBILE
INSTALLATION



FLOW-RATE

up to **45** l/min

- BP 3000 pumps 12/24V
- 30 minutes duty time
- Integrated filter (PRO version)
- Rotating connection
- ON/OFF switch
- Foot valve
- K24 meter (on request)
- Easy to repack after use



EXAMPLE
OF DRUM
APPLICATION





> Battery Kit

Portable diesel transfer unit with a self-priming electric vane pump. Its modular composition allows to have different pumps accordingly to the required flow-rates and different usages. It is always supplied with integrated nozzle and a set of accessories.

DIESEL

OIL

FLOW-RATE
up to **80** l/min*

- 12/24V DC pumps
- 30 minutes duty time
- Self priming up to 2 meters
- Cast iron body
- Fixed brush motor with permanent magnet stator
- Terminal board with switches and fuses to protect against overload
- ON/OFF switch
- Drum kit (on request)

**Depending on pump model*

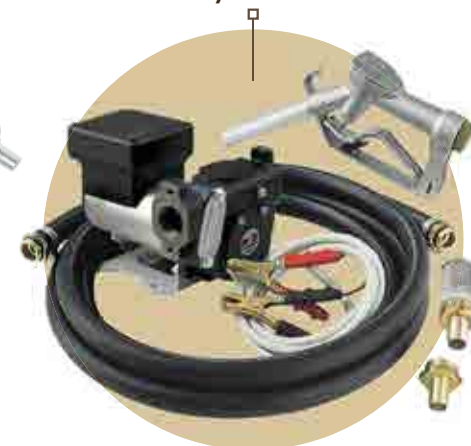


Available pumps

• Battery Kit 3000 INLINE



• Battery Kit PANTHER



• Battery Kit 3000 BIPUMP



• Battery Kit OIL





**It doesn't matter where your tractor is located:
PIUSI range of mobile refueling dispensers can
arrive everywhere to solve your need!**



> High flow refueling

HIGHEST REQUIREMENTS NEED DEDICATED SOLUTIONS.

These dispensers have been expressly designed and engineered to meet **the most demanding requirements in terms of flow rate**: thanks to their structural features, they represent the ideal solution for tractors, vehicles and machinery that **require high flow for refueling**.





> ST 200 AC

DIESEL

This dispenser allows high flow refueling thanks to the two integrated E120 self priming rotary electric vane pumps. Fitted with by-pass valve and elevated reliability seal, the dispenser works even at low working temperatures and in every condition on worksites.

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

- AC 230V
- Continuous duty
- 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 length (hose kit 1" 1/2)
- Self priming



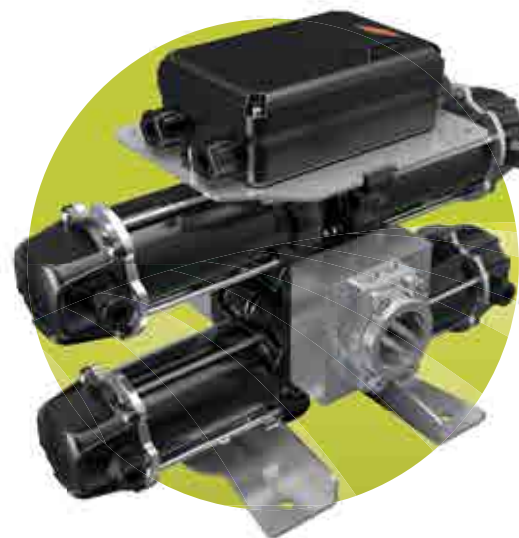
> ST 200 DC

DIESEL

24V portable dispensing unit for high flow applications. The low weight of the unit makes it easy to handle and suitable for operating on worksites.

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

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





> Fixed refueling

**SET UP YOUR REFUELING AREA
BY CHOOSING THE BEST SOLUTIONS
AMONG THE PIUSI RANGE.**

Each refueling area has its specific needs: PIUSI had developed a sturdy range of **fixed dispensers, both on drums, tanks and stand alone** that can easily fit every situation and application from the lower to the higher demands in terms of **number of refueling operations and flow-rate**.





> Drum

This is a modular diesel and oil transfer unit for non-commercial use that can be easily installed on drums thanks to a quick 2" coupling. It is available in different versions according to the type of pump required.

DIESEL

OIL

FLOW-RATE

up to **80** l/min*

- AC/DC versions
- 4 meters delivery hose
- Self priming
- Telescopic suction tube
- Nozzle holder above the drum for easy & clean operations
- Quick drum connection
- Suction filter accessible for inspection

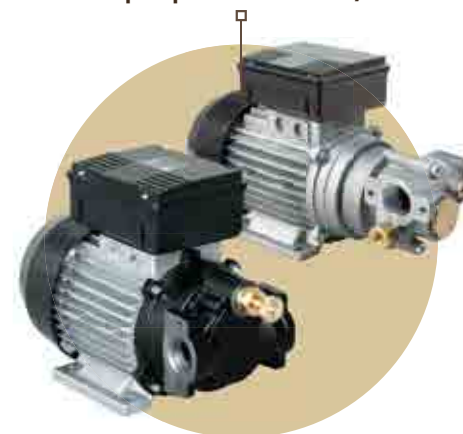
*Depending on pump model

Available pumps

• AC pump PANTHER 56



• AC pump VISCOMAT 70/200



• DC pump BIPUMP



• DC pump VISCOMAT DC





> ST

Diesel transfer station that can be used to fill mobile tanks or interact with distribution units. Its sturdy structure makes this dispenser suitable to be used in the harshest environments. It can be integrated with a protective metal box and water separating filter.

FLOW-RATE

up to **90** l/min*

- AC/DC versions
- Check valve
- Filter and nozzle support
- 4 meters delivery hose (6 meters on request)

**Depending on pump model*

TANK LEVEL INDICATOR

To better control your tank, you can install the PIUSI OCIO: a tank level indicator that gives a real time indication about the fluid quantity inside the tank.

DIESEL

> ST with meter

Diesel transfer station for fixed installations composed by AC or DC pump, nozzle (manual or automatic) and precision meter - both mechanical (K33) or electronic (K600/3 B) - for safe and controlled refueling operations.

FLOW-RATE

up to **90** l/min*

- Accuracy +/- 1%
- AC/DC versions
- Check valve
- Filter and nozzle support
- 4 meters delivery hose (6 meters on request)
- Safety box available

**Depending on pump model*

TANK LEVEL INDICATOR

To better control your tank, you can install the PIUSI OCIO: a tank level indicator that gives a real time indication about the fluid quantity inside the tank.

DIESEL





> ST with meter and filter

This range of dispensers is particularly indicated for all applications in which a filtration is required.

The stations integrate PIUSI clear or water captor filters and are available both with mechanical meter K33 or electronic meter K24.



FLOW-RATE

up to **85** l/min*

- Accuracy +/- 1%
- AC version
- Check valve
- Filter and nozzle support
- 4 meters delivery hose (6 meters on request)

**Depending on pump model*

TANK LEVEL INDICATOR

To better control your tank, you can install the PIUSI OCIO: a tank level indicator that gives a real time indication about the fluid quantity inside the tank.

DIESEL

> ST box

A diesel refueling station complete with pump, flow meter and filter, with lockable metal protection box.

The unit is complete with antistatic hose for diesel fuel and automatic dispensing nozzle. The Pro version features the electronic access control box Access 85.



FLOW-RATE

up to **85** l/min*

- Accuracy +/- 1%
- AC version
- Check valve
- Water captor filter
- 6 to 8 meters delivery hose
- Access control

**Depending on pump model*

TANK LEVEL INDICATOR

To better control your tank, you can install the PIUSI OCIO: a tank level indicator that gives a real time indication about the fluid quantity inside the tank.

DIESEL



> Cube

Diesel dispenser for non-commercial use. The sturdy structure is designed for different applications: can be fixed to walls, tanks, cisterns, drums, special pedestals. It features a self-priming vane pump fitted with by-pass, installed on anti-vibration supports.



IP 55
IP Protection
Guaranteed

FLOW-RATE

up to **90** l/min

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



TANK LEVEL INDICATOR

To better control your tank, you can install the PIUSI OCIO: a tank level indicator that gives a real time indication about the fluid quantity inside the tank.

DIESEL

> SelfService K44

Diesel dispenser for non-commercial use. This sturdy equipment comes with a high capacity vane pump, built-in precision mechanical meter and water captor filter particularly suitable for all the needs of high-flow rate diesel dispensing.



IP 55
IP Protection
Guaranteed

FLOW-RATE

up to **90** l/min

- Accuracy +/- 1%
- AC version;
continuous operation
- Column/tank version



TANK LEVEL INDICATOR

To better control your tank, you can install the PIUSI OCIO: a tank level indicator that gives a real time indication about the fluid quantity inside the tank.

DIESEL



> Cube MC

DIESEL

This dispenser is the upgraded version of the Cube dispenser and it is equipped with an electronic panel able to manage up to 120 users and 255 transactions. The sturdy structure includes a self-priming vane pump, built-in bypass, automatic nozzle, and integrated nozzle holder with start/stop pump lever.



IP 55
IP Protection
Guaranteed

FLOW-RATE

up to 70 l/min

- Accuracy +/- 0,5%
- AC/DC versions
- Column/tank version available
- Up to 120 users
- Compatible with SSM 2018 Software

TANK LEVEL INDICATOR

To better control your tank, you can install the PIUSI OCIO: a tank level indicator that gives a real time indication about the fluid quantity inside the tank.



> SelfService MC

DIESEL

Complete device suitable to fit all diesel-dispensing needs. With its sturdy structure, this dispenser is equipped with a high capacity vane pump, built-in bypass, automatic nozzle, water captor filter and electronic panel able to manage up to 80 users and 255 transactions.



IP 55
IP Protection
Guaranteed

FLOW-RATE

up to 90 l/min

- Accuracy +/- 0,5%
- AC version;
continuous operation
- Column/tank version available
- Up to 80 users
- Compatible with SSM 2018 Software

TANK LEVEL INDICATOR

To better control your tank, you can install the PIUSI OCIO: a tank level indicator that gives a real time indication about the fluid quantity inside the tank.





> Explosion proof refueling

A FULL RANGE OF ATEX/UL CERTIFIED EQUIPMENT SUITABLE FOR ALL INFLAMMABLE LIQUIDS.

The long-term experience and know-how in the diesel transfer systems has led PIUSI to develop a new range of pumps and dispenser specific for gasoline, kerosene and diesel. **This equipment is ATEX/UL certified for the usage in potentially explosive atmospheres.**



> EX50 Drum

Complete pump transfer kit expressly engineered for ATEX/IECEX areas. This system is composed of a high-efficiency pump, manual or automatic nozzle and a mm max telescopic suction hose.

DIESEL

GASO-LINE

KERO-SENE

FLOW-RATE

up to **50** l/min

- AC/DC versions
- Telescopic suction tube
- 2" drum connector
- Thermal protection
- **Compatible fluids:** Diesel, Kerosene, Petrol, Petrol alcohol mixed max 15%, Avgas 100/100 II, Jet A/A1 - Aspen 2/4

MANUAL NOZZLE

AUTOMATIC NOZZLE

> EX50 ST

Sturdy and compact transfer station equipped with an ACEX/IECEX certified pump suitable for the transfer of all flammable liquids. Thanks to the flanged components, this transfer set allows users to replace any component without using sealants.

DIESEL

GASO-LINE

KERO-SENE

FLOW-RATE

up to **50** l/min

- Accuracy +/- 1%
- AC/DC versions
- 2" drum connector
- Overload protection
- **Compatible fluids:** Diesel, Kerosene, Petrol, Petrol alcohol mixed max 15%, Avgas 100/100 II, Jet A/A1 - Aspen 2/4



A large red harvester is shown in a field of golden grain, with a smaller harvester visible in the background. The scene is hazy, suggesting a misty or dusty environment.

> AdBlue® equipment

A RANGE OF PUMPS AND DISPENSERS TO SAFELY TRANSFER AdBlue® FROM DRUM OR IBC.

The PIUSI range for AdBlue® has been expressly developed and engineered to guarantee any prevention of fluid contamination **for a safe and reliable operation. The range includes pumps and dispensers expressly engineered to transfer AdBlue® from IBC containers or drums into vehicle tanks. Materials and mechanical components are designed according to the strictest requirements of ISO 22241 Standard.**



> Three25

AdBlue® turnkey dispensing system for IBC tanks featuring a built-in AdBlue® 3D filter which prevents contamination of AdBlue® and therefore guaranteeing long life of the catalyst.



FLOW-RATE

up to **32** l/min

- 20 minutes duty time
- Accuracy +/- 1%
- AC/DC versions
- 6 meters delivery hose
- Built-in 3D filter
- Integrated automatic nozzle
- Available with in-built meter
- Steel support and ergonomic bracket system
- SEC connection
- Available bottom valve connection for IBC

> Suzzarablue Drum

AdBlue® dispensing system provided with a stainless steel adjustable base that allows it to be moved easily from one drum to another.



FLOW-RATE

up to **32** l/min

- 20 minutes duty time
- AC/DC versions
- 6 meters delivery hose
- ON/OFF switch
- Stainless steel base
- AF2 connection



> PiusiBox for AdBlue®

Portable AdBlue® dispenser designed to perform quick & clean AdBlue® transfer and filling operations, when environmental conditions may be among the leading causes of fluid contamination.



AdBlue®

FLOW-RATE

up to **36** l/min

- Duty time 20 minutes ON/ 20 minutes OFF
- DC versions
- 6 meters delivery hose
- Self priming pump
- 2 meters suction hose

IP 55
IP Protection
Guaranteed

PUMP WITH
CLAMPS

SEC CONNECTOR

3D FILTER

AUTOMATIC
NOZZLE

IN THE
BOX

> Piusi Hand Pump

AdBlue®

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



FLOW-RATE

up to **38** l/100 revolutions

- 2,5 meters delivery hose
- Sturdy construction
- Suction hose and bung adapter

SIDE VERSION
FOR IBC
CONTAINERS
AVAILABLE





**Our AdBlue® range suits every situation:
from lower to higher consumption levels.**



> Service equipment

GREASING AND LUBRICATION MOBILE KITS SUITABLE FOR ONSITE OPERATIONS.

To meet the requests of the market for reliable and easy grease and lubrication kits, PIUSI has developed a range of mobile grease and oil cart kits according to the different consumption needs. **Sturdy and easy to move, they are the ultimate equipment for onsite operations.**





> Oil cart kit

These oil dispenser units are suitable to transfer **medium/high viscosity lubricants**. They include a pneumatic pump, the nozzle meter Easy K400 a hose reel and a sturdy cart (depending on models).

OIL

Available kit

• Oil Cart kit 3.5 W/O meter



• Oil Cart kit 3.5 with meter



• Oil Cart kit 3.5 with meter • HR



FLOW-RATE
up to **21,5** l/min

- Accuracy +/- 0,5%
- 3-8 bar operating pressure
- Medium/high viscosity lubricants
- Double effect pump
- Super silent

OIL CART KIT 3.5
WITH METER • HRC



> Grease cart kit

A sturdy cart that can fit drums up to 180 kg, a specific **pneumatic pump completed by a drum cover** and a follower plate, a grease gun with rigid or flexible spout: these are the elements of the Grease Cart Kit. A mobile dispenser suitable to transfer high viscosity lubricants.



Available kit

• Grease Cart kit 30



• Grease Drum kit 30



• Grease Drum kit 60



GREASE CART KIT 60

AIR CONSUMPTION
130/160 l/min

- Drum size up to 180 kg
- 4-7 bar operating pressure
- High viscosity lubricants
- Double effect pump
- Super silent



The best equipment for a perfect maintenance.

Agriculture range: the perfect solutions for every need!

The agriculture range is available worldwide through a professional network of authorized dealers.

Get in touch with our local partner to order your dispenser or **contact PIUSI** for further information.



A wide-angle photograph of a large agricultural field with rows of green crops. A tractor with a red frame and a yellow tank is in the distance, spraying a fine mist over the crops. The sky is a clear, pale blue. The foreground is partially obscured by a stylized green graphic with wavy, curved lines.

PIUSI®



MADE IN ITALY

piusi.com

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

piusiusa.com

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

04.19 • EN