

**PIUSI**

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70° ANNIVERSARIO PIUSI - MAGGIO 2023

**PIUSI**

**PIUSI 3000 SUPREME**

**PIUSI 3000 SUPREME**

# INTRODUCTION

## Transport tanks

- are used by **different types of companies**
  - construction/drilling/excavations/mining companies to supply off-road vehicles
  - agricultural companies to refuel farm machines and machineries
  - Service companies offering home refueling services to vehicles or generators
- may have a capacity of between 200 and 2000L
- are **installed on vans** (like Iveco Daily) or **pickups**. Fuel dispensing is carried out by the driver or workers on the sites



PIUSI 3000 SUPREME

# INTRODUCTION

- The **dispenser** is typically **DC** as the tanks are located in **remote areas** or not always covered by AC power (construction sites, mines or agricultural fields)
- The battery to which the dispenser is connected can be the vehicle's battery or a specific battery (**12V, 18V or 24V**).



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# CURRENT SCENARIO

Companies using transportable tanks face several **complications** in day-to-day operations

- The **cost of fuel** is increasing, and the transportable tank is - more than other tanks - subject to the attentions of malicious people
  - The **pump is accessible** to everyone and is switched-on with a simple switch.
  - The anti-theft device used is a **padlock on the tank box/cover** (with the risk of losing the key and subsequent lockout).
  - It is not known **where/how much** it is dispensed
  - It is not known how much diesel you have dispensed and how much is left, so you don't have an indication of when it is due to be refilled with consequent loss of time/stoppage.



# CURRENT SCENARIO

- Refueled vehicles have high-capacity tanks, and the **dispenser might overheat**, which can lead to shutdowns due to overheating.
- Operators do not always know the specifications of the battery/dispenser and sometimes
  - They reverse the polarity of the connection
  - Connect the **dispenser to batteries with the wrong voltage**, causing loss of performance or breakage



# PIUSI 3000 SUPREME



PIUSI 3000 SUPREME is the solution to all these problems.

Combining **digital technologies** with PIUSI's experience in designing **fluid handling** products such as pumps and flow meters.

PIUSI 3000 SUPREME is the **evolution of the classic pump**. It is **controlled via smartphone** and solves the typical problems of transportable tank users.

# PIUSI 3000 SUPREME - WHAT IS IT

## The diesel pump:

- **connected via smartphone,**
- **compact,**
- **reliable,**
- **easy to install**
- **which allows **secure access** and fuel dispensing via App and **data traceability**.**

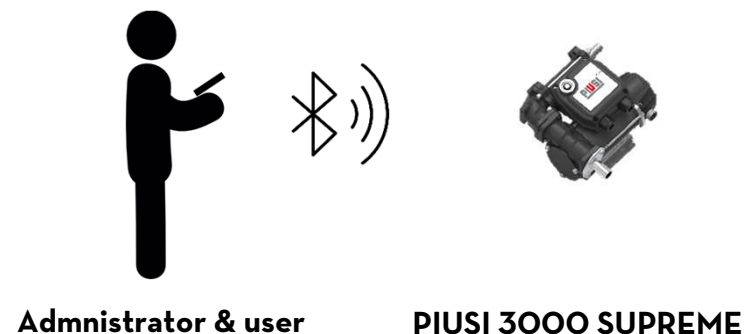
## With PIUSI 3000 SUPREME it is possible to:

- **Dispense**
- **Measure fluids**
- **Manage access and operators**



# PIUSI 3000 SUPREME - HOW IT WORKS

- 1 Buy PIUSI 3000 SUPREME and download the APP from Google Play or the App Store
- 2 Register on the PIUSI portal
- 3 Access, dispense and monitor dispensing history with PIUSI 3000 SUPREME directly from APP
- 4 Get more functionality with the PRO version or upgrading to B.SMART





## PIUSI 3000 SUPREME - MAIN FEATURES

- Vane pump
- Flow rate 50 l/min
- Compact
- Easy to transport
- Continuous duty S1
- Self-priming
- IP55
- Easy installation
- Maximum pressure 1.5 bar



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# PIUSI 3000 SUPREME - TECHNOLOGIES

## ***AnyBattery*** Technology

- Suitable for any voltage from 12V to 24V
- Can also be used with 18V rechargeable batteries
- Reverse polarity connection protection
- No risk of low performance or breakage

## ***FlowControl*** Technology

- Automatic flow rate reduction in case of overheating
- Possibility of dispensing at reduced flow rate for small transfers activated via App
- Overheat protection with automatic switch-off.

## Dedicated ***APP***

- 2 versions for complete management via smartphone
- B.SMART app to manage several PIUSI 3000 SUPREME and switch to FMS

**PIUSI 3000 SUPREME**

# PIUSI 3000 SUPREME - APP&FUNCTIONALITIES

**1**

## APP PIUSI SUPREME - STANDARD

- App based pump on/off functions
- Integrated digital flowmeter
- Safety PIN access for registered users only
- Preset function
- Dispensing timeout
- Connected battery voltage info
- Last dispensing operation log
- Management of up to 2 operators



Administrator +  
Access possible for 1  
operator



PIUSI 3000 SUPREME

# PIUSI SUPREME - APP&FUNCTIONALITIES

2

## APP PIUSI SUPREME - PRO (functions unlock)

App based pump on/off functions

Integrated digital flowmeter

Safety PIN access for registered users only

Preset function

Dispensing timeout

Connected battery voltage info

Total dispensing operation log

Management of up to 10 operators

Total fuel dispensing last 30 days

Dispensing operation calendar In-app

Reminder/To do list



Administrator +  
Access possible for 9  
operators

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# PIUSI SUPREME - APP&FUNCTIONALITIES

3

## B.SMART APP + WEBAPP

Switching to the PIUSI B.SMART Fuel Management System

Several PIUSI 3000 SUPREME

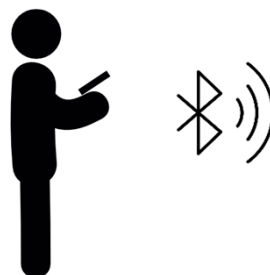
Possibility of connecting CUBE, SELF SERVICE or MCBOX

Possibility of adding multiple users

Layer management with TANK WATCHDOG add-on

Management of vehicle and user consumption with FUEL ECONOMY add-on

Glocalization of dispensing operations with the new MAPLY add-on



Access possible to an **infinite number of users in the system and max. 500 per dispenser**



**Several PIUSI 3000 SUPREME CUBE B.SMART SELF SERVICE B.SMART MCBOX B.SMART**



**Administrator WEB APP**

# DEMO & PREVIEW

# PIUSI SUPREME - APP PREVIEW

## Pump Identification

- Life-time liter dispensed
- Life-time pump use
- Pump details and activated features

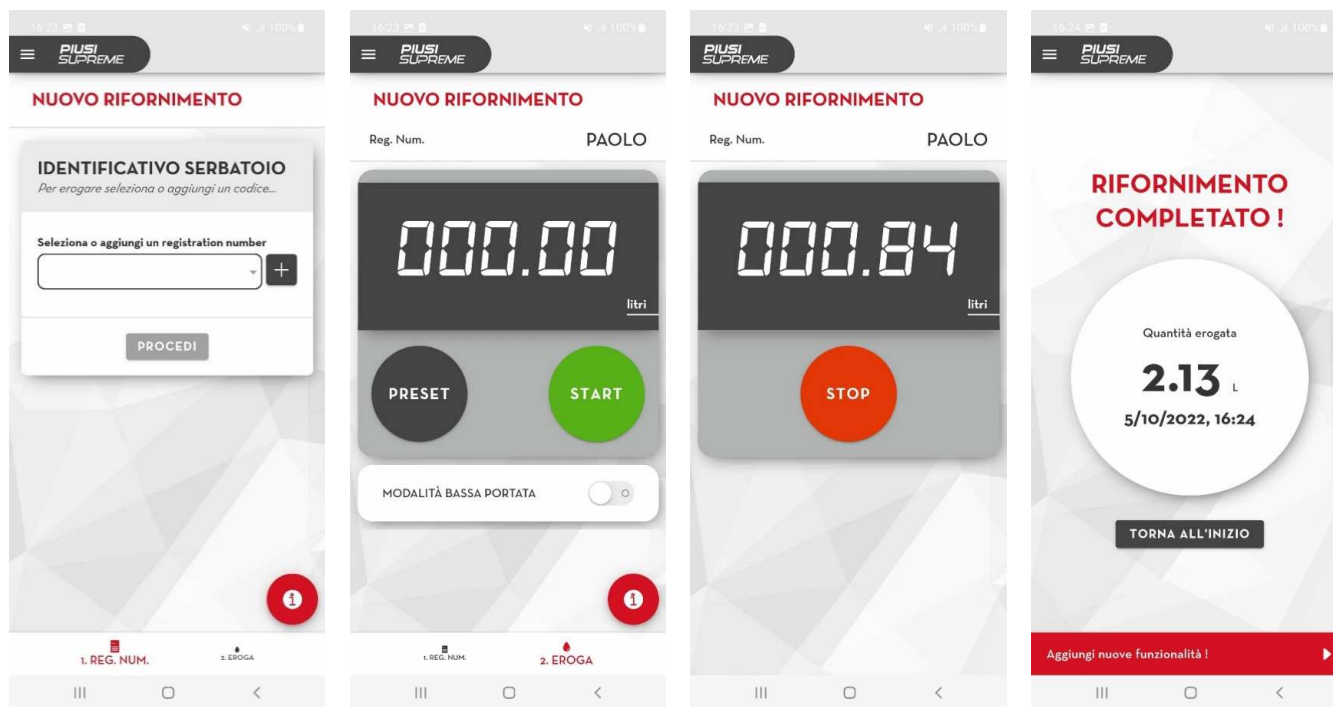


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# PIUSI SUPREME - APP PREVIEW

## New refilling

- Possibility to create/select vehicle/machinery identification
- Dispensing
- Preset
- Dispensing with Start/Stop
- Possibility to dispense at low flow rate, for small tanks
- Completed message with summary ticket



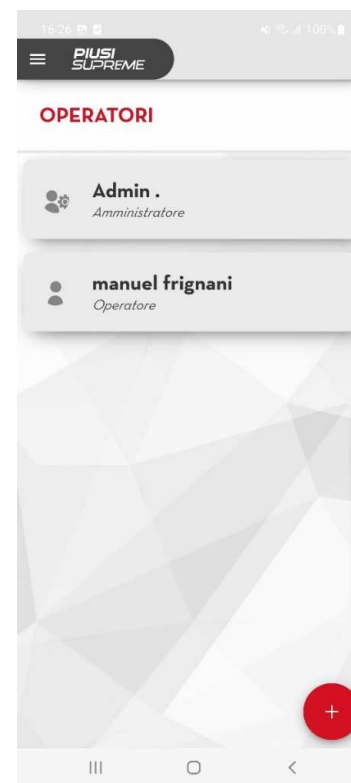
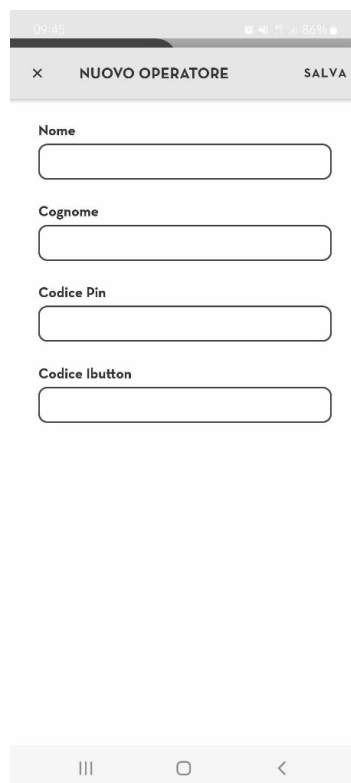
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# PIUSI SUPREME - APP PREVIEW

## Operator management

- Possibility of adding operators and assign a personalized PIN to access the pump



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# PIUSI SUPREME - APP PREVIEW

## Fuel Dispensing List

- History of recent transactions with refuel details

## Calendar

- Fuel dispensing data
- In-app Reminder/To do list



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# RANGE

# PRELIMINARY RANGE

- DC Pump
- DC Drum Pump
- DC Pump kit with manual nozzle + 4 meters hoses ."
- DC Pump kit with automatic nozzle + 4 meters hoses ."
- DC Drum Pump kit with manual nozzle + 4 meters hoses ."
- DC Drum Pump kit with automatic nozzle + 4 meters hoses ."

HARDWARE	
Fert	Descrizione
<b>F00250H00</b>	PIUSI 3000 SUPREME PUMP ONLY B.O.
<b>F00250V00</b>	PIUSI 3000 SUPREME PUMP ONLY B.V.
<b>F00250D00</b>	PIUSI 3000 SUPREME PUMP ONLY DRUM
<b>F00250K00</b>	PIUSI 3000 SUPREME KIT A60
<b>F00250D10</b>	PIUSI 3000 SUPREME KIT DRUM A60
ACCESSORIES	
<b>F24103000</b>	TUBO GASOLIO SUPREME ø20 L=4m 1"x BAIO
SOFTWARE (one time fee)	
Fert	Descrizione
<b>F00250A20</b>	PIUSI SUPREME STANDARD-PRO ADD-ON
<b>F00250A10</b>	PIUSI SUPREME PRO-B.SMART ADD-ON
<b>F00250A00</b>	PIUSI SUPREME STANDARD-B.SMART ADD-ON
<b>F00770S00</b>	PIUSI SUPREME DISCOVERY B.SMART

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**THANK YOU**