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FLEXBIMEC
Made in Italy

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Wireless fluid management system

RF CONNECT

A GREATER EFFICIENCY
THROUGH INNOVATION

FLEXBIMEC®

Made in Italy

50° 1974-2024

MADE IN ITALY

EXPERIENCE, QUALITY, COMPETENCE SINCE 1974

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RF CONNECT 128AP

The WIRELESS solution up to 128 RF Devices for management and monitoring of fluids

Advanced technology

RF CONNECT 128AP

RF CONNECT 128AP is an innovative wireless FLUID MANAGEMENT system for modern workshops that allows the monitoring and traceability of dispensing operations together with the management of production orders.

WHY CHOOSE RF CONNECT 128AP

1. Extremely fast installation
Thanks to its wireless system, it reduces installation times and costs by 80%.

2. Data traceability
The system allows tracking and real-time checking of the dispensed fluid quantity, dispensing point and the operator.

3. Access Control
The system allows to monitor:
- access of various users and operations carried out by each of them in order to guarantee control over dispensings
- status of production orders
- quantity of lubricant storage level.

4. Reduction of waste
The system reduces potential errors at both operational and management levels.

5. Interfacing with company management systems
Possibility to acquire operational data to interface with company management.

6. Data retention in the event of a blackout
The system is self-powered in the event of a network blackout, thus allowing the maintenance of recorded data in real time.

7. User friendly
Extremely intuitive user interface and immediate tracking of dispensed fluids at various distribution points.

RF CONNECT 128AP
WIRELESS FLUID MANAGEMENT SYSTEM

RF CONNE CT 128AP
WIRELESS FLUID MA NAGEMENT SYSTEM

RF MOBILE WORKSTATION
Art.no. 2916/RF

See pag. 15

QB8 SYSTEM
with simple gun

See pag. 13

RF STATION

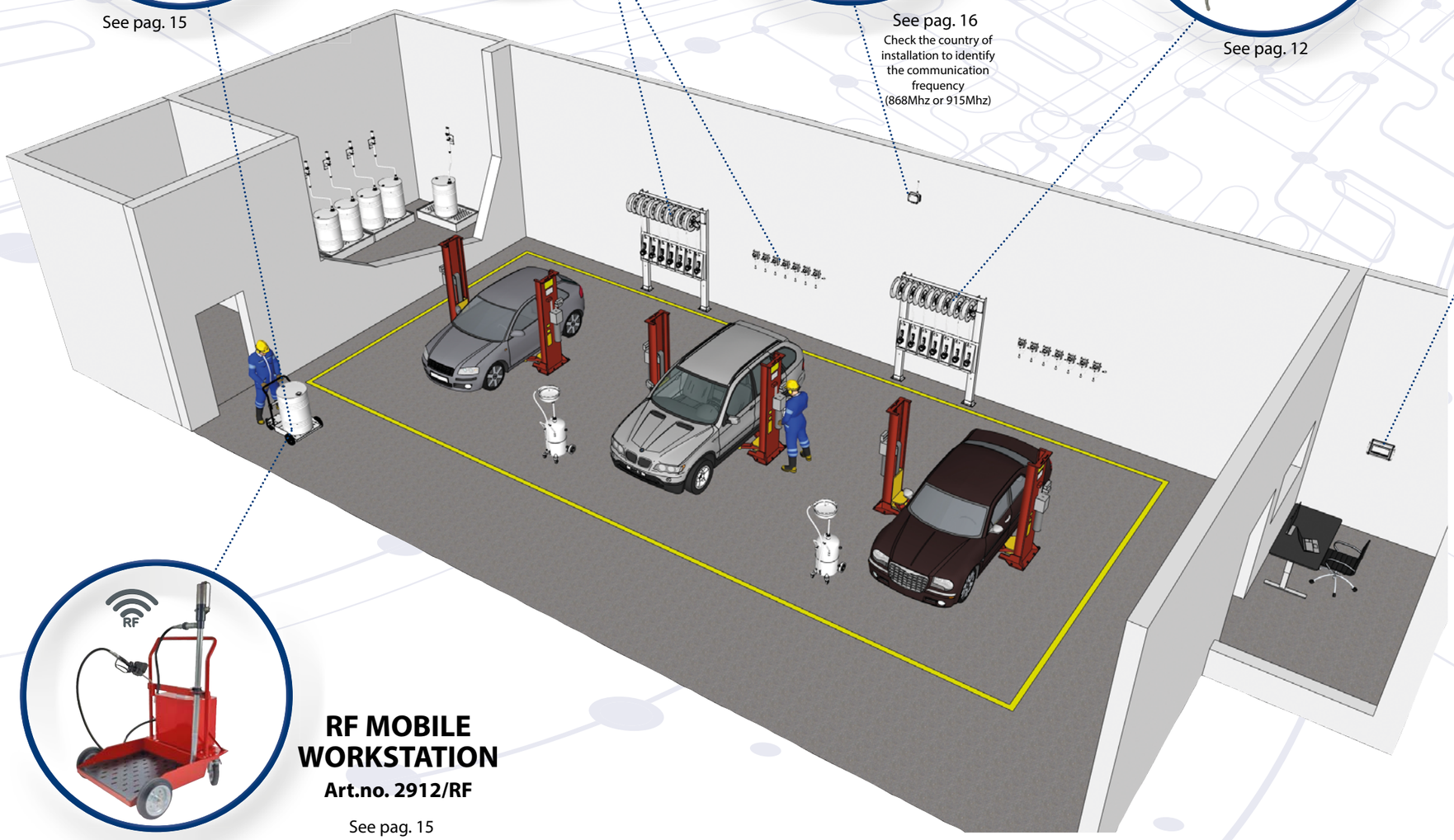
See pag. 16
Check the country of installation to identify the communication frequency (868Mhz or 915Mhz)

GP SYSTEM 20
with flow meter gun

See pag. 12

TOUCH CENTRAL UNIT RF128

See pag. 14



RF MOBILE WORKSTATION
Art.no. 2912/RF

See pag. 15

The RF CONNECT 128AP system can be accessed via various devices such as smartphones, PCs and tablets with various operating systems without installing additional third-party software: only a web browser is needed.

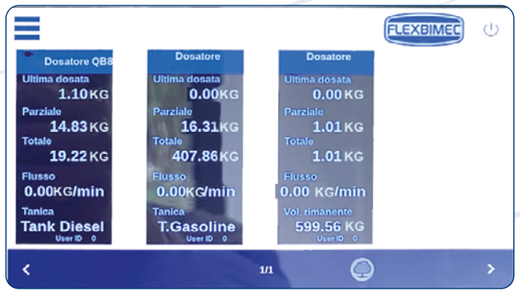
RF CONNECT 128AP system is based on the **TOUCH CENTRAL UNIT RF128** control unit combined with devices with radio frequency (RF) by means of radio modules (RF STATION) connected with an internal BUS.
All operations carried out on the flow meters are saved and displayed on the control unit. Each dispensing point is combined with a local tank or a centralized tank to monitor their virtual levels.
It is possibile to set the alarm thresholds to send warning emails if the tanks exceed the minimum storage thresholds.

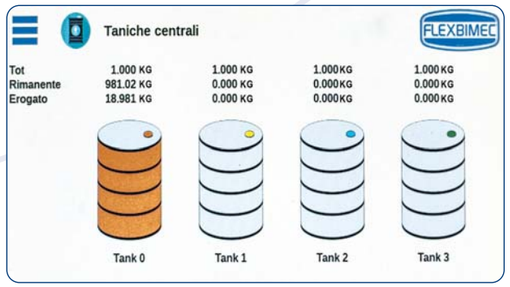
The **TOUCH CENTRAL UNIT RF128** control unit can generate **users** with relative **passwords** enabled for the use with **RF devices.**
The control unit has three types of external connection:
- **USB port** for flash drive
- **Wi-Fi** connection to company network;
- **Ethernet cable connection** to company network

The system can be connected to the company network via intranet portal to allow access with **PC, smartphone or tablet** with user ID and password giving the possibility of viewing and managing all information **in real time.**
RF CONNECT 128AP can simultaneously connect up to **128 devices including RF flow meter guns** and **QB8 systems** with **16 centralized tanks.**

RF CONNECT 128AP is quick and economical to install.

It is also possible, upon request, to connect RF CONNECT 128AP to already existing fluid management systems.





With **RF CONNECT 128AP** System work orders handling becomes easy and intuitive; orders containing multiple fluids dispensing on the same vehicle can also be created.
Order management does not require any additional software installation on remote devices; the **RF CONNECT 128AP** portal is accessed directly from any device equipped with a web browser.
Users can work simultaneously on orders, allowing:

1. CREATING AN ORDER

Users can create orders directly in the RF CONNECT 128AP portal.

2. REVIEWING AND CHANGING AN ORDER

From the orders menu both current and completed orders can be checked at any time.

WATCH THE VIDEO TUTORIAL

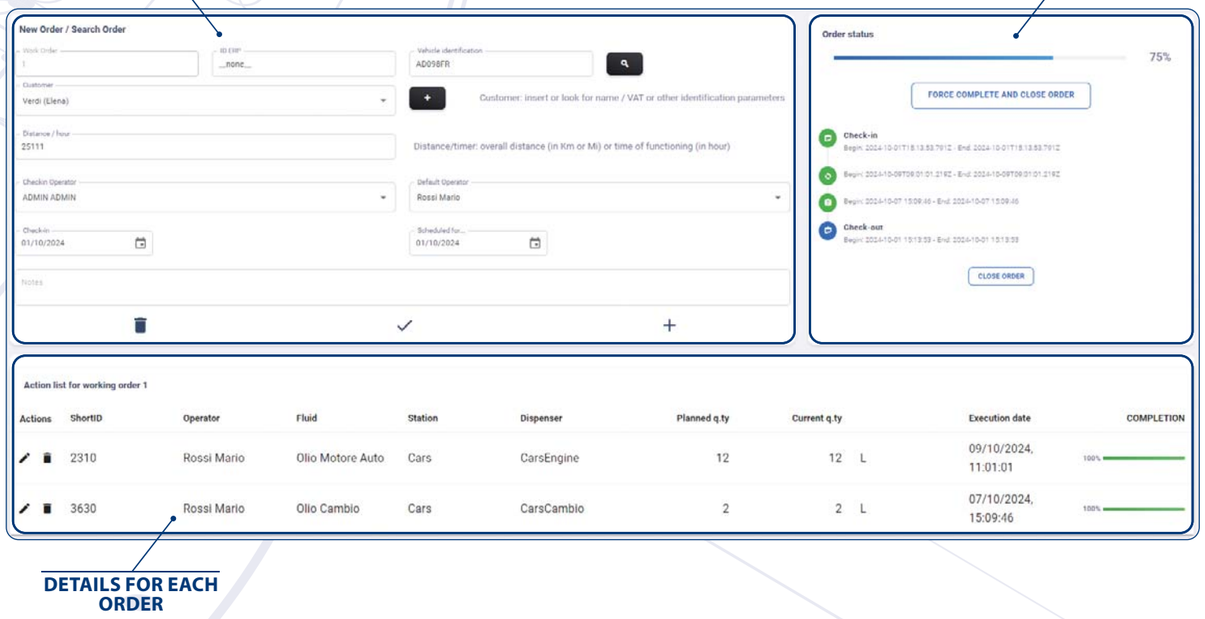
3. ORDER PROGRESS STATUS

Entered orders and their progress can be analyzed directly on the unit display.

4. COMPLETION OF THE ORDER

The order in progress can be closed automatically when dispensings have been 100% completed or it can be closed manually if dispensings have quantities different from those planned.

MAIN SCREEN

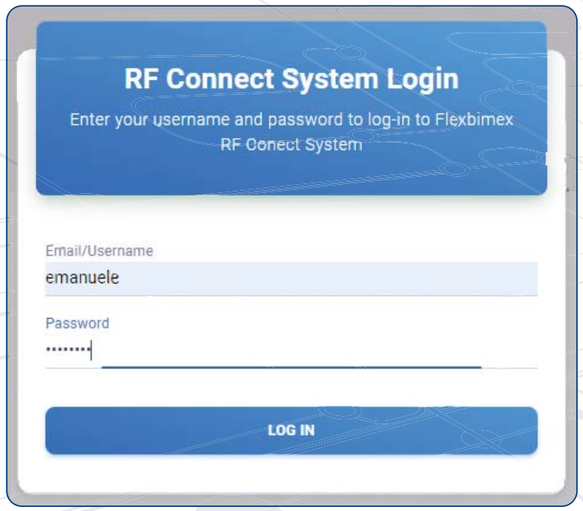


RF CONNECT 128AP
ORDER HANDLING

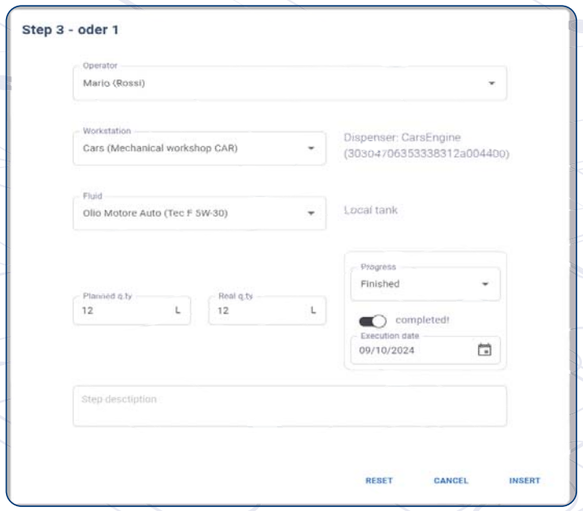
PROCESSI NG PHASES

WATCH THE
VIDEO TUTORIAL

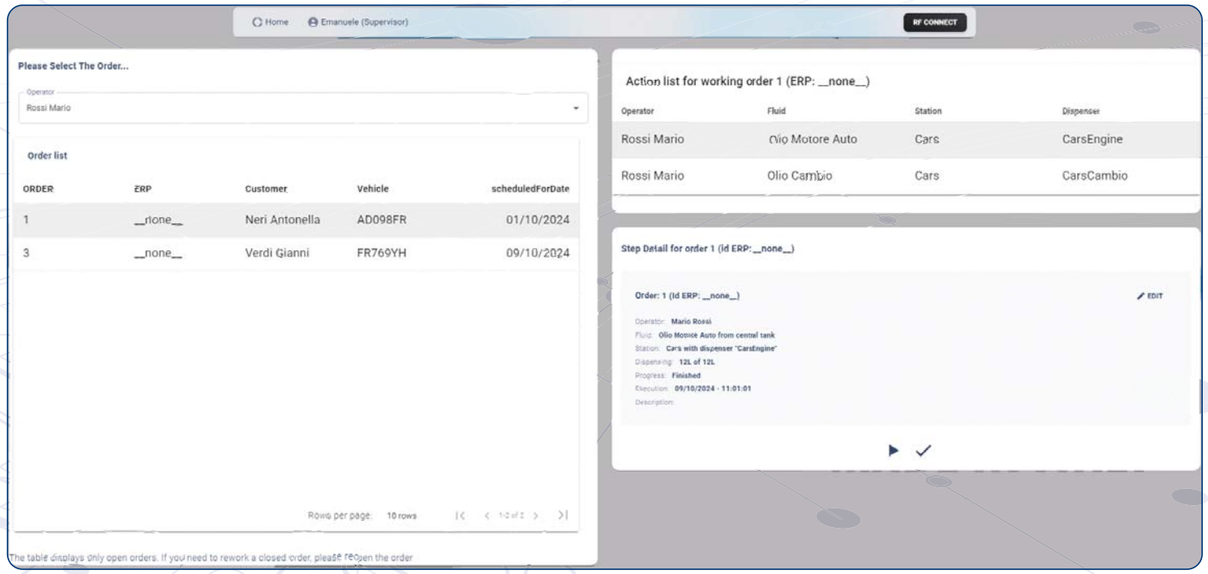
USER LOGIN



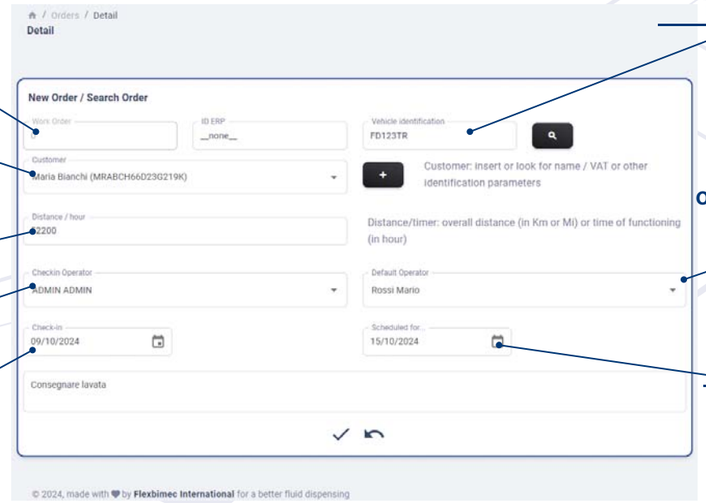
USER DATA ENTRY



ORDER START



ORDER ENTRY



Order number in the system (progressive and not editable).

Customer

Kilometers or working hours

Operator who performed check In

Acceptance date

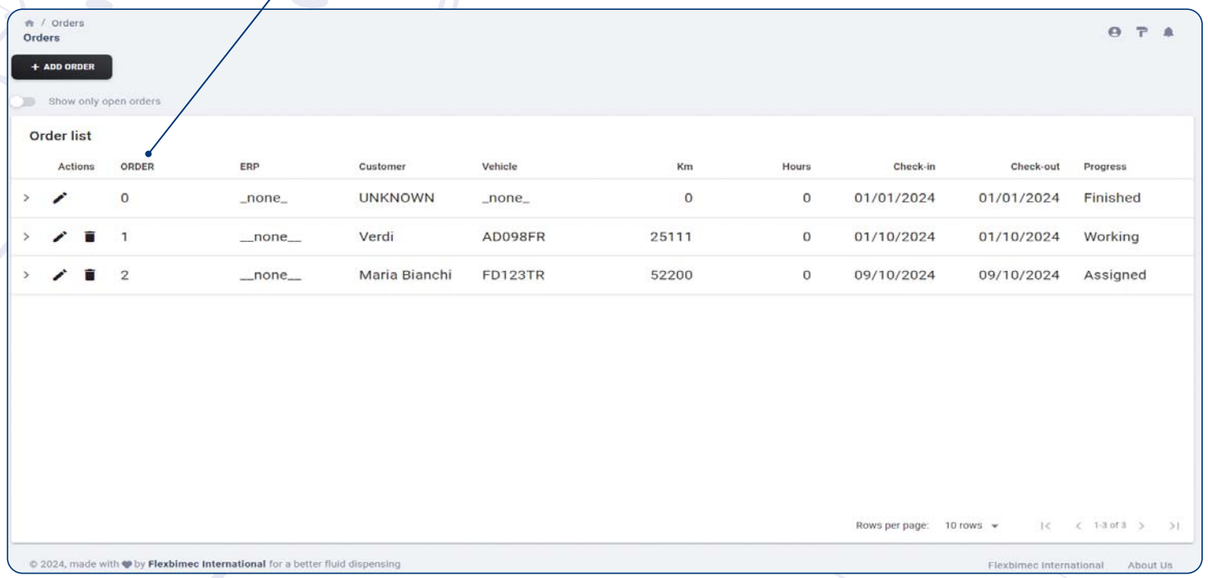
Vehicle registration plate or identification number

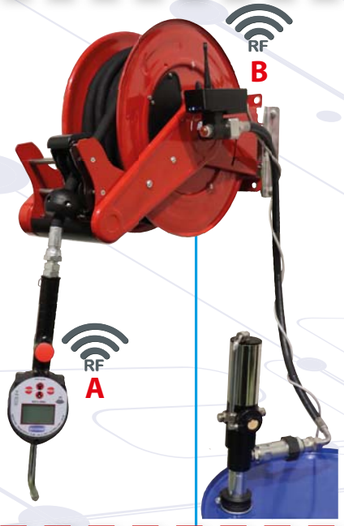
Operator who will carry out the order

Date of order

ORDER LIST

Original order number
not to be filled in if entered in the RF system, automatic if imported from another management system





C

D

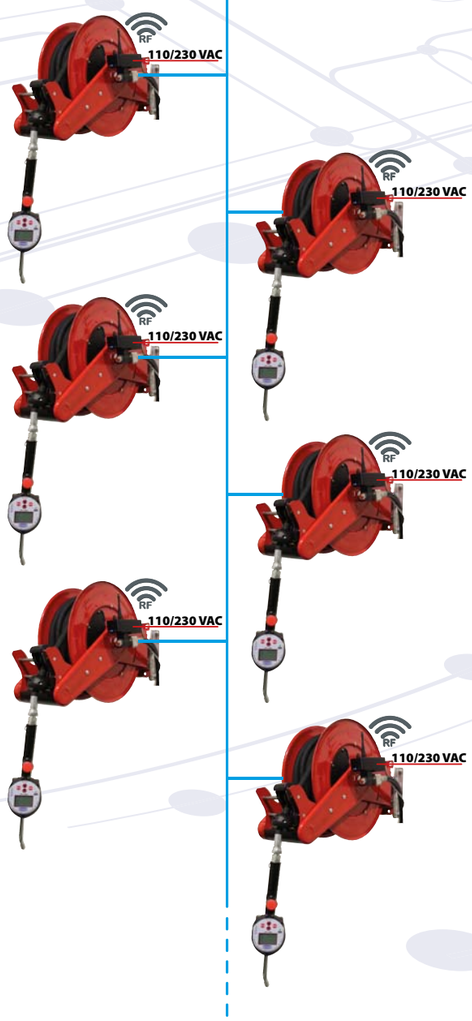
Possibility to add up to 8 RF STATIONS to extend the RF network throughout the workshop.

BASIC CONFIGURATION COMPOSED OF:
A - Digital flow meter gun
B - Control valve on hose reel
C - TOUCH CENTRAL UNIT RF128
D - RF STATION

GP SYSTEM 20

Access with flow meter guns

In this **RF ACCESS GP SYSTEM 20** configuration an RF digital flow meter gun is combined with the control valve mounted on the hose reel.
When the operator needs to use the flow meter gun, he has to enter the password provided by the system administrator (4 digits) on the unit display using the directional arrows.
Once the password has been entered, the control unit verifies the correctness of the password and if so, it sends the signal via radio to the control board to enable the solenoid valve and allow the dispensing of fluid.
The **password** activation validity time can be customized on the RF control unit in a range that can go from a few seconds up to 23 hours and 59 minutes after the performed dispensing.
When the password expires, the control unit sends the command to the valve control board to deactivate it and interrupts the flow.



up to 64 connectable devices

Example of a centralized fluid distribution system: max 64 dispensing points, composed of flow meter guns (JUPITER and URANUS models). The TOUCH CENTRAL UNIT RF128 is able to manage all the dispensing points and can monitor the centralized or local tank levels.
Each user is associated to a password to be entered on the flow meter gun to manage each operation and monitoring can take place via Cloud with PC or Smartphone.

C

D

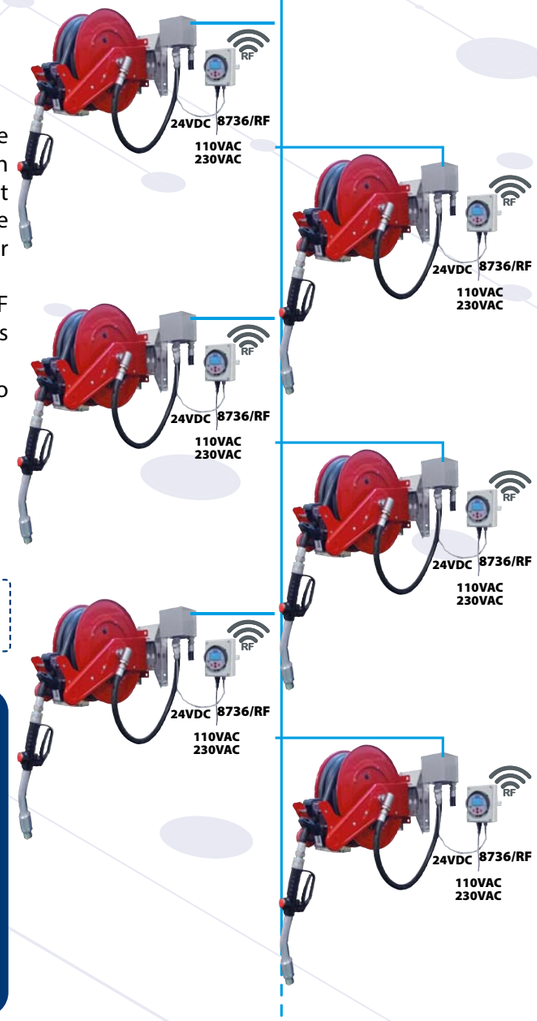
Possibility to add up to 8 RF STATIONS to extend the RF network throughout the workshop.

BASIC CONFIGURATION COMPOSED OF:
A - Digital flow meter
B - QB8
C - TOUCH CENTRAL UNIT RF128
D - RF STATION

QB8 SYSTEM

Access with QB8

The **RF ACCESS QB8 SYSTEM** is based on a control board where the operator enters the password by typing the code (4 digits) with the selection keys. The code is then sent via RF to the control unit which verifies its correctness and then it enables the solenoid valve mounted on the QB8 system, thus allowing access to the free-flow or pre-selection dispensing mechanical gun.
The password activation validity time can be customized on the RF control unit in a range that can go from a few seconds up to 23 hours and 59 minutes after the performed dispensing.
When the password expires, the control unit sends the command to the valve control board to deactivate it and interrupts the flow.



up to 128 connectable devices

Example of a centralized fluid distribution system: max 128 dispensing points, composed of QB8 SYSTEM. The TOUCH CENTRAL UNIT RF128 is able to manage all the dispensing points and can monitor the centralized or local tank levels.
Each user is associated to a password to be entered on the flow meter gun to manage each operation and monitoring can take place via Cloud with PC or Smartphone.

TOUCH CENTRAL UNIT RF128 (Art.nos 8845 - 8845/915)	
MAXIMUM NUMBER OF CONNECTABLE DEVICES	MAX 128
CONNECTIONS TO DEVICES	RADIO SIGNAL 868 MHz OR 915 MHz
MAX NUMBER OF USERS	UP TO 200
DISPENSING POINTS MANAGEMENT	UP TO 128
CENTRALIZED TANKS MANAGEMENT	UP TO 16
EXTERNAL CONNECTIONS	WIFI, LAN, USB
ALARM MANAGEMENT	MIN THRESHOLDS LEVEL SETTING
POWER SUPPLY	110-230 VAC
SYSTEM LANGUAGES	ITALIAN, ENGLISH
ACCESS LEVELS	USER (devices reading only)
	ADMINISTRATOR (access with password)
ACCESSIBILITY	CLOUD - INTRANET DATA BASE
CLOUD ACCESSIBILITY	PC, TABLET AND SMARTPHONE

		GP SYSTEM 20			QB8 SYSTEM
		 Art.no. **8737/RF**	 Art.no. **8737/RF**	 Art.no. **8737/RF**	 Art.no. **8736/RF**
MODEL		**Series JUPITER**	**Series URANUS**	**Series URANUS**	**8730 - 8733 - 8735**
FLUIDS	Oil	√	√	-	√
	Antifreeze	√	√	-	√
	AdBlue®	√	√	-	√
	COOLANT FLUID	-	-	-	√
	WINDSCREEN WASHER FLUID	√	√	-	√
	GREASE	-	-	√	√
PRESELECTION		-	√	√	STANDARD
USER MANAGEMENT WITH PASSWORD		√	√	√	√

The mobile units can be managed with the RF CONNECT control unit, which allows the remote control of the supplies. Indicative coverage range of the single antenna/repeater signal of approximately 30 m.

Art.no. **2916/RF**
Mobile pneumatic oil dispensing kit for 208 l drums consisting of:
- Art.no. 2020 pneumatic pump ratio 3:1 (version with motor and single-body suction tube; to be fixed directly to the drum) for 208 l oil drums + 3 m Ø 1/2" flexible delivery rubber hose + digital flow meter gun art.no. 2812/RF with RF transmission.
- Art.no. 7180 air pressure regulator with pressure gauge and condensate separator + art.no. 7215 air tap
- Art.no. 8529/SP wheeled containment tank for a 208 l drum, equipped with four wheels and handle.
- Cabinet art.no. 8691/RF with solenoid valve for start/stop dispensing + rechargeable battery (autonomy of approximately 500 deliveries of approximately 5 minutes each)

+ battery charger + panel with LED battery charge status indicator + electronic board art.no. 8737/RF with RF transmitter for solenoid valve.

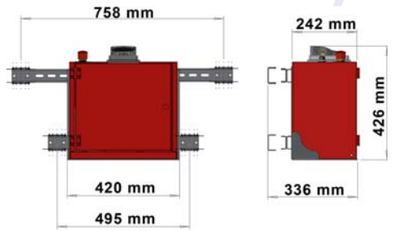
Art.no. **2916/RF/AG**
Mobile pneumatic dispensing kit like art.no. 2916/RF but for **antifreeze.**

Art.no. **2916/RF/UR**
Mobile pneumatic dispensing kit like art.no. 2916/RF but for **AdBlue®.**

Art.no. **2912/RF**
Mobile pneumatic oil dispensing kit for 208 l drums consisting of:
- Art.no. 2020 pneumatic pump ratio 3:1 (version with motor and single-body suction tube; to be fixed directly to the drum) for 208 l oil drums + 3 m Ø 1/2" flexible delivery rubber hose + digital flow meter gun art.no. 2812/RF with RF transmission.
- Art.no. 7180 air pressure regulator with pressure gauge and condensate separator + art.no. 7215 air tap.
- Art.no. 4389 heavy duty trolley with 4 wheels and grate.
- Cabinet art.no. 8691/RF with solenoid valve for start/stop dispensing + rechargeable battery (autonomy of approximately 500 deliveries of approximately 5 minutes each) + battery charger + panel with LED battery charge status indicator + electronic board art.no. 8737/RF with RF transmitter for solenoid valve.

Art.no. **2912/RF/AG**
Mobile pneumatic dispensing kit like art.no. 2912/RF but for **antifreeze.**

Art.no. **2912/RF/UR**
Mobile pneumatic dispensing kit like art.no. 2912/RF but for **AdBlue®.**



Art.no. **8690/RF**
Conversion kit for customer's trolley complete units for 208 l lubricating oil drums with control of dispensing via RF Connect management and monitoring system.
The kits to be applied to the Customer's trolley complete units will consist of:
- Cabinet art.no. 8691/RF with solenoid valve for start/stop dispensing + rechargeable battery (autonomy of approximately 500 dispensing of approximately 5 minutes each) + battery charger + panel with LED battery charge status indicator + electronic board art.no. 8737/RF with RF transmitter for solenoid valve.
- Support bracket designed for fixing on the handle of the drum trolley already equipped by the Customer (bracket with adjustable extension to adapt to the distance between the trolley handle tubes).
- Digital flow meter gun art.no. 2812/RF with RF transmitter.

Art.no. **8690/RF/AG**
Conversion kit like art.no. 8690/RF but for **antifreeze.**

Art.no. **8690/RF/UR**
Conversion kit like art.no. 8690/RF but for **AdBlue®.**

RF STATION SIGNAL REPEATER
RF STATION connects to the control unit via a can-bus cable, and has the function of an antenna, essential for connecting to all RF devices. It's cable for 110-230 VAC mains power supply is useful for amplifying the radio signal.
To work with very large systems, it is possible to connect up to 8 RF STATIONS via a Can-Bus cable, in order to guarantee the connection of the radio signal between devices: RF STATIONS can be installed on different floors or where there are infrastructures that could disturb the signal, such as load-bearing walls or metal structures.
The light signal indicates:
Green POWER LED: presence of voltage;
Blue CONNECTION LED: presence of radio signal and connection to the control unit;
Red ERROR LED: errors alarm.

Art.no. **8740/RF**
RF STATION for 868 MHz communication.
- Connection to control station (CPU) via bus cable.
- Connection to electrical network (230 VAC – 110 VAC).
- Internal battery in the event of a blackout.
- Transmission/reception channel selector (from 1 to 8).

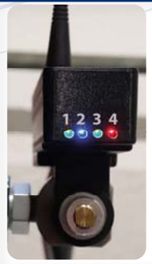
Art.no. **8740/RF915**
Similar to model 8740/RF but with radio frequency: 915 MHz.
Suitable for countries like Canada and America.

Art.no. **8737/RF**
Solenoid valve control card to be applied directly on the hose reel for RF flow meters management.
- Power supply voltage 230 VAC.
- Can be combined with **1/2"** RF flow meters and 1/2" swivel joints.
- ON-OFF hydraulic valve size SAE08 normally closed.
- Radio frequency: 868 MHz.

Art.no. **8737/RF915**
Similar to model 8737/RF but with radio frequency: 915 MHz.

Art.no. **8749/RF**
Solenoid valve control card to be applied directly on the hose reel for RF flow meters management.
- Power supply voltage 230 VAC.
- Can be combined with **3/4"-1"** RF flow meters and 1" swivel joints.
- ON-OFF hydraulic valve size SAE10 normally closed.
- Radio frequency: 868 MHz.

Art.no. **8749/RF915**
Similar to model 8749/RF but with radio frequency: 915 MHz.



LIGHTS LEGEND

1. ON = PRESENCE OF VOLTAGE
2. ON = RF CONNECTION TO THECONTRO UNIT
3. ON = ELECTRIC VALVE ACTIVATION
4. ON =ALARM LIST

Art.no. **8736/RF**

QB8 RF control board for RF system pulse counters.
- Power supply voltage 110/230 VAC.
- Can be combined with all types of QB8 SYSTEM pulse counters.
- Radio frequency: 868 MHz.

Art.no. **8736/RF915**

Similar to model 8736/RF but with radio frequency: 915 MHz.

To be combined with pulse counters art.no. 8730, 8733, 8735.

Art.no. **8730**

Electronic oval gears flow meter with pulse transmitter, suitable for oil, grease diesel and antifreeze, including a 24 VDC - solenoid valve, an in-line 125 µm cartridge filter and a wall bracket.
To be combined with 8736/RF and 8736/RF915.

Art.no. **8733**

Electronic oval gears flow meter with pulse transmitter, suitable for grease, including a 24 VDC - solenoid valve, an in-line 125 µm cartridge filter and a wall bracket.
To be combined with 8736/RF and 8736/RF915.

Art. no.	Connections	Max flow	Operating temperature range	Max working pressure	Accuracy	Number of pulses	Weight	Dimensions (LxWxH) (mm)
8730	1/2" BSP (F)	20 l/min	+5°C / +80°C	100 bar (1450 psi)	+ / - 0.5%	95/l	1.5 kg	120X120X160
8733				250 bar (3626 psi)				

Art.no. **8735**

Electronic oval gears flow meter with pulse transmitter, body in Arnite, including a stainless steel 24 VDC - solenoid valve, an in-line 125 µm cartridge filter and a wall bracket. Suitable for the use with water-based fluids and AdBlue® (DEF). Appropriate to the use in combination with electronic oil monitoring systems by the use of an external receiver.
To be combined with 8736/RF and 8736/RF915.

Art. no.	Connections	Max flow	Operating temperature range	Max working pressure	Accuracy	Number of pulses	Weight	Dimensions (LxWxH) (mm)
8735	F 1/2" BSP	10 l/min	+5°C / +110°C	10 bar (145 psi)	+ / - 0.5%	95/l	1.5 kg	120X120X160

Art.no. **8734/RF**

On-off valve and pulse counter management kit.
Electronic board with RF transmitter, to be used with pulse counter units with solenoid valve art.no. 2955 or 8730 already existing, complete with cap and reed probe for pulse counter. Retrofit function for existing systems to be upgraded.

Art.no. **8734/RF915**

Similar to model 8734/RF but with radio frequency: 915 MHz.

Art.no. **8751/RF**

Control board with solenoid valve for the management of RF system guns.
- Supply voltage: 230 VAC
- Can be combined with 1/2" RF flow meter guns
- ON-OFF hydraulic valve size SAE08 normally closed
- Radio frequency: 868 MHz

Art.no. **8751/RF915**

Similar to model 8751/RF but with radio frequency: 915 MHz.

Art.no. **8741/RF**

EASY Tablet for checking and/or entering data on fluid supplies and reserves (without barcode and QR code reader).

Art.no. **8742/RF**

ADVANCED Tablet for checking and/or entering data on fluid supplies and reserves with barcode and QR code reader.
Equipped with a printer and a badges or RFID cards reader, to allow faster recognition of the operator.

Art.no. **8743/RF**

Smartphone for checking and/or entering data on fluid supplies and reserves, including barcode and QR code reader.

4TT - GREASE

PRESET FUNCTION

The preset function introduces a certain degree of automation since it becomes possible to predetermine the dosages and automatically stop the grease flow once the preselected value has been reached.
The calibration of the meter can also be made by the user.

Art.no. **4292/RF**
Electronic oval gears flow meter for **grease**, series **GREASE URANUS,** with preset function, with the same characteristics of art. no. 89360 but with radio frequency data transmission to be used in combination with the **RF CONNECT** control unit**.**

Art.no.	4292/RF
Connections	M 1/4" BSP
Flow rate min – max	0.20 - 2 kg/min
Temperature	+ 5°C / + 50°C
Max pressure	300 bar (4351 psi)
Precision	± 1%*
Lowest preselection value	0.010 kg
Total max (resettable)	999.9 kg
Total max (non-resettable)	9999 kg
Voltage	3 x 1.5 V V
Weight	1.7 kg

*Basic calibration made in factory with grease NLGI 0

4TT - 4TTPS - OIL

PRESET

PRESET FUNCTION

4TT

Art.no. **2811/RF**
Oil

Art.no. **2813/RF**
Antifreeze

Art.no. **2812/RF**
Oil

Art.no. **2810/RF**
Oil

Art. no.	2811/RF	2813/RF	2812/RF	2810/RF
Connections	M 1/2" BSP			F 1/2" BSP
Flow range	1 - 20 l/min			
Operating temperature range	+ 5°C / + 50°C			
Max working pressure	70 bar (1015 psi)			
Accuracy	± 0.5%			
Total max resettable	99999 l			
Total max non resettable	99999 l			
Voltage	3 x 1.5 V			
Weight	1.4 kg			0.60 kg

Not approved for fiscal transactions.

The **new electronic flow meter series *4TT*** features the following characteristics:

- the function is based upon the oval gears measuring system combined with a probe that is measuring electromagnetic pulses monitored by an electronic component.

The flow meter allows to display five different measurement results:

1) the quantity of each individual fluid dispense: single operation measurement (resettable),
2) **FLOW:** It is possible to read the instant flow in liters, quarts, pints and gallons for a continuous monitoring of the precision of the flow meter within the work parameters,
3) **TRIP:** the quantity of a sum of dispenses: partial totalizer (resettable),
4) **TOTAL:** the total of all dispenses ever made: absolute totalizer (not resettable),
5) **MEMORY:** traceability of operations up to 1,000 records with indication of the unit of measurement, date and time in which the delivery was performed.

- possibility of recalibration by the customer to increase the accuracy of the final plant parameters;
- the flow meter has an enlarged display, with simultaneous visibility of 2 different totals (single operation and absolute total);
- the display additionally assures a perfect readability through included backlit feature;
- the flow meter offers the possibility of changing the measuring unit (liters, quarts, pints, gallons);
- it also assures an improved accuracy and repeatability of the measurement;
- easy change of the batteries throught a rear holder;
- the flow meter is equipped by a rubber protection guard;
- the control gun includes a trigger guard and an intergrated inline filter which allows an easier maintenance, offers the possibility of a gradual oil supply through the trigger, and permits to open the valve with a minimum effort.

Art.no. **2811/RF**
Electronic oval gears flow meter for **oil**, series **JUPITER**, with control gun, rubber protection guard, trigger guard, rigid outlet ø 12 mm, automatic anti-drip nozzle and inlet swivel 1/2" BSP (M).

Art.no. **2813/RF**
Electronic oval gears flow meter for **antifreeze**, series **JUPITER**, with control gun, rubber protection guard, trigger guard, rigid outlet ø 12 mm, automatic anti-drip nozzle and inlet swivel 1/2" BSP (M).

Art.no. **2812/RF**
Electronic oval gears flow meter for **oil**, series **JUPITER**, with control gun, flexible rubber outlet, ø 1/2", with curved rigid 90° stem, automatic anti-drip nozzle and inlet swivel 1/2" BSP (M).

Art.no. **2810/RF**
Electronic oval gears flow meter for **oil**, series **JUPITER**, suitable for inline applications, connections 1/2" BSP (F).

4TTPS

PRESET

Art.no. **2815/RF**
Oil

Art.no. **2817/RF**
Antifreeze

Art.no. **2816/RF**
Oil

Art.no. **2819/RF**
Oil

The **new electronic flow meter series *4TTPS*** features the following characteristics:
- the function is based upon the oval gears measuring system combined with a probe that is measuring electromagnetic pulses monitored by an electronic component.

The flow meter allows to display six different measurement results:
1) the quantity of each individual fluid dispense: single operation measurement (resettable),
2) **FLOW:** It is possible to read the instant flow in liters, quarts, pints and gallons for a continuous monitoring of the precision of the flow meter within the work parameters,
3) **TRIP:** the quantity of a sum of dispenses: partial totalizer (resettable)
4) **TOTAL:** the total of all dispenses ever made: absolute totalizer (not resettable)
5) **MEMORY:** traceability of operations up to 1,000 records with indication of the unit of measurement, date and time in which the delivery was performed.
6) **PSET:** preselection of the quantity to be dispensed.

- possibility of recalibration by the customer to increase the accuracy of the final plant parameters;
- the flow meter has an enlarged display, with simultaneous visibility of 2 different totals (single operation and absolute total);
- the display additionally assures a perfect readability through included backlit feature;
- the flow meter offers the possibility of changing the measuring unit (liters, quarts, pints, gallons);
- it also assures an improved accuracy and repeatability of the measurement;
- easy change of the batteries throught a rear holder;
- the flow meter is equipped by a rubber protection guard;
- the control gun includes a trigger guard and an intergrated inline filter which allows an easier maintenance, offers the possibility of a gradual oil supply through the trigger, and permits to open the valve with a minimum effort.

Art.no. **2815/RF**
Electronic oval gears preset flow meter for **oil**, series **URANUS**, with control gun, rubber protection guard, trigger guard, rigid outlet ø 12 mm, automatic anti-drip nozzle and inlet swivel 1/2" BSP (M).

Art.no. **2817/RF**
Electronic oval gears preset flow meter for **antifreeze**, series **URANUS**, with control gun, rubber protection guard, trigger guard, rigid outlet ø 12 mm, automatic anti-drip nozzle and inlet swivel 1/2" BSP (M).

Art.no. **2816/RF**
Electronic oval gears preset flow meter for **oil**, series **URANUS**, with control gun, flexible rubber outlet, ø 1/2", with curved rigid 90° stem, automatic anti-drip nozzle and inlet swivel 1/2" BSP (M).

Art.no. **2819/RF**
Electronic oval gears preset flow meter for **oil**, series **URANUS**, with control gun, rubber protection guard, trigger guard, rigid outlet ø 16 mm, automatic anti-drip nozzle and inlet swivel 1/2" BSP (M).

Art. no.	2815/RF	2817/RF	2816/RF	2819/RF
Connections	M 1/2" BSP			
Flow range	1 - 20 l/min			
Operating temperature range	+ 5°C / + 50°C			
Max working pressure	50 bar (725 psi)			
Accuracy	± 0.5%			
Total max resettable	99999 l			
Total max non resettable	99999 l			
Voltage	3 x 1.5 V			
Weight	2 kg			

Not approved for fiscal transactions.

4TT

Art.no. **2814/RF**
AdBlue®

Art.no. **2818/RF**
AdBlue®

The **new electronic flow meter series *4TT*** features the following characteristics:
- the function is based upon the oval gears measuring system combined with a probe that is measuring electromagnetic pulses monitored by an electronic component.

The flow meter allows to display five different measurement results:
1) the quantity of each individual fluid dispense: single operation measurement (resettable),
2) **FLOW:** It is possible to read the instant flow in liters, quarts, pints and gallons for a continuous monitoring of the precision of the flow meter within the work parameters,
3) **TRIP:** the quantity of a sum of dispenses: partial totalizer (resettable),
4) **TOTAL:** the total of all dispenses ever made: absolute totalizer (not resettable),
5) **MEMORY:** traceability of operations up to 1,000 records with indication of the unit of measurement, date and time in which the delivery was performed.

- possibility of recalibration by the customer to increase the accuracy of the final plant parameters;
- the flow meter has an enlarged display, with simultaneous visibility of 2 different totals (single operation and absolute total);
- the display additionally assures a perfect readability through included backlit feature;
- the flow meter offers the possibility of changing the measuring unit (liters, quarts, pints, gallons);
- it also assures an improved accuracy and repeatability of the measurement;
- easy change of the batteries throught a rear holder;
- the flow meter is equipped by a rubber protection guard;
- the control gun includes a trigger guard and an intergrated inline filter which allows an easier maintenance, offers the possibility of a gradual oil supply through the trigger, and permits to open the valve with a minimum effort.

Art.no. **2814/RF**
Electronic oval gears flow meter for **AdBlue®**, series **JUPITER**, with control gun, rubber protection guard, trigger guard, rigid outlet, anti-drip nozzle and inlet swivel 1/2" BSP (M). Gun with plastic body.

Art.no. **2818/RF**
Electronic oval gears flow meter for **AdBlue®**, series **JUPITER**, suitable for inline applications, connections 1/2" BSP (F).

Art. no.	2814/RF	2818/RF
Connections	M 1/2" BSP	F 1/2" BSP
Flow range	1 - 20 l/min	
Operating temperature range	+ 5°C / + 50°C	
Max working pressure	25 bar (363 psi)	
Accuracy	± 0.5%	
Total max resettable	99999 l	
Total max non resettable	99999 l	
Voltage	3 x 1.5 V	
Weight	0.80 kg	0.60 kg

Not approved for fiscal transactions.

FLEXBIMEC®

Made in Italy

MADE IN ITALY

Flotec

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