

SE OM - Approved tank dispenser of diesel



Storage and distribution of diesel fuel conformed as the MD 31/07/34 and MD19/03/1990, with Certification Test (N° 3704/1437 of 01/07/1999) and approval of the Home Office (Prot. NS5311/4113 sott. 259 18/10/1999 and subsequent renewals). Installed at a fixed location, suitable for industry, hauliers, quarries, construction sites, farms, etc.

Standard equipment:

- Total closure Deposit
- Electric control with minimum level pump lock and emergency button
- Supply group with flow rate of 56 l/min with 5 m hose and automatic nozzle
- Meter total and partial reset
- Hatch Diam. Int. 420 mm complete with fittings of Use
- Limiting loading valve approved 3"
- Approved loading plug with quick lockable 3"
- approved flame stopper terminal device
- Analogue level
- Platform access hatch (for Mod. SE 5000-7000-9000/OM)
- Basin of containment with a capacity equal to 50% of the tank geometric capacity
- Preparation for installation of grounding
- Metallic plaque identification
- Type Certificates
- Table of their heights (cm/Lt)
- Manual of use and maintenance

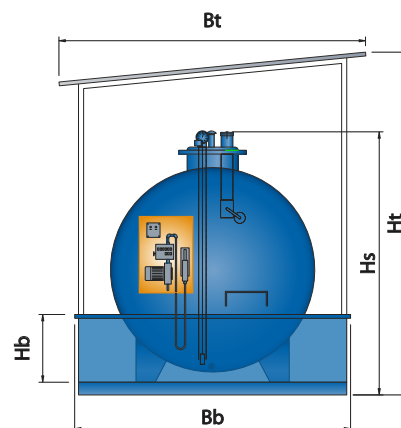
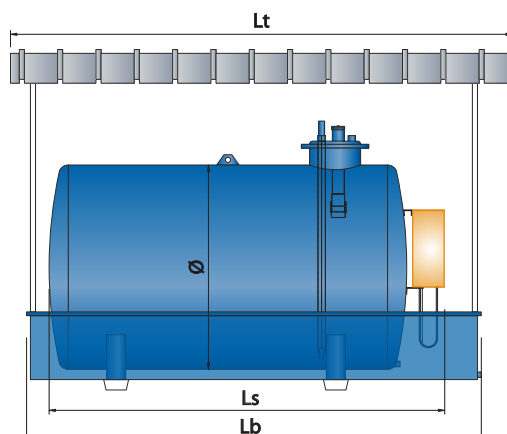
Optional accessories:

- Shed Protection
- Filtration kit (see p. 212)
- Level indicator OCIO Electronic (see p. 212)
- Management system (see p. 212)



Tank

Material:	St 235 Jr
Internal protective processing:	Rough
External protective processing:	Anti rust painting and two-component enamel RAL 5015
Operation (P max. / T max.):	Atmospheric pressure / 25°C
Warranty:	2 year (construction defects) 1 year (parts and electrical components)



General rules for the use and positioning of approved tanks at a fixed location

1 - Use

They can be installed and used, as provided by the DM 19.03.90, exclusively:

- to dispense liquids of category C (ie, as described in DM 31/07/34, diesel, mineral oils, fuels, etc.).

Private use: refueling in farms, quarries, road construction, rail, construction, for supply of means of work and not with license plate (forklifts, cranes, etc.).

- Exemptions from the requirement to obtain a certificate of fire prevention being not classified as goods in point no. 18 of D.M. 02/16/82 (unless they are buried).

The exemption remains, but the legislation is subject to review by the Presidential Decree 151/2011, which amended the formalities required for the activities that use so-called "diesel tanks", in other words a portable fuel tank. Now, the new regulation, in order to allow a more accurate knowledge of the risk sources of, requires to the Fire Department to intervene in dangerous situations, even if the activity is not subject to the certificate of fire prevention required for the installation of mobile deposits diesel falls within the expected activities of the legislation on fire prevention.

Tanks up to 9000 liters: facilitated path with SCIA.

The owner of the tank would have previously been considered exempt from the exercising practical fire prevention for tanks up a storage capacity of less than 9000 liters. However the new legislation classified this as part of "group A" and therefore it is necessary to submit SCIA presentation by a qualified technician. The legislation also covers tanks already belonging to the company.

The owner of the company has to present a SCIA report (Reporting of Certified Home Activity) prepared by a qualified technician with which the holder and the technician denounce the existence of the deposit of diesel and declare compliance with local regulations regarding fire safety. The report must be submitted along with payment of fees, at the command of the competent Fire Department to accept the practice and will evaluate its contents; There are random inspections by the Fire Department within 60 days of submission.

Warning: the capacity limit of 9000 liters refers to the single instance, while it is possible to present multiple instances even insistent on the same fund if such stockpiles are spaced.

Removable container-distributors for the supply of vehicles for the activity of road transport, for the supply of means of work and not with license plate (forklifts, cranes, etc.) inside of industrial activities. Obligation to acquire fire prevention certificate.

Circular letter prot. n. 857 of 17.03.2009

D.M. September 12, 2003 - Activities of road transport - Obligation to acquire certificate fire prevention.

Following the issue of D.M. September 12, 2003 on the "Approval of the technical regulation on fire prevention for the installation and operation of deposits of diesel for private use of geometric capacity not exceeding 9 m3 in containers - distributors removable for refueling of vehicles intended 'road transport activities', have come to this direction many questions aimed at identifying the activities that can properly make use of the deposits in question.

In this regard, the General Directorate for Road Transport Department for land transport and inter modal transport of the Ministry of Infrastructure and Transport, consulted on the subject, has expressed stating that "are intended for trucking companies, which simultaneously are, with regard to:

- The freight sector, companies registered with the Registry of trucking against third parties;
- The passenger transport sector, companies that are qualified to perform the service line, chauffeur and taxi."

2 - Capacity of the deposit

The ability maximum total deposit and fixed at 9 m3 and can be obtained with one or more containers-dispensers.

3 - How to install

- They can be put in place if you have:
 - Declaration of conformity of the approved prototype;
 - Manual of installation, use and maintenance;
 - Identification plate, punched in a visible position, showing: the name and address of manufacturer; the year of manufacture and serial number; the ability geometric, the thickness and the material of the container; the test pressure of the container; the particulars of the approval.
- They must be installed only in areas with clear sky. And it is forbidden to install in ramps, terraces and in any case of overhanging areas indoors.
- The pitches must be flat and raised at least 15 cm from the level of the surrounding terrain.
- They must be equipped with containment basin, capacity of not less than half the geometric capacity of the container-dispenser itself, and weather protection roof made of non-combustible material.

- The containers-dispensers, and the relative containment basin, if of the prefabricated type, must be firmly anchored to the ground to prevent movement during filling and the exercise and to withstand any hydrostatic forces.

- The vent tube of balance must be positioned at the height of 2,40 m from the floor and must be fitted with a suitable device cuts-flame.

- The degree of filling of the containers-dispensers must be not greater than 90% of the geometric capacity of the same; to this end it must be provided a special device load limiter.

4 - Safety distances

- buildings, any ignition sources, deposits of combustible materials and/or non-flammable included among the activities subject to fire prevention inspections in accordance with the Ministerial Decree February 16, 1982 (Official Gazette no. 98 dated 9 April 1982): 5 m;

- buildings and/or premises used in part for residential, public, community, gathering places of detention or public entertainment, deposits of combustible and/or flammable constituents activities subject to fire prevention inspections under Decree Ministerial February 16, 1982: 10 m;

- railway and tram lines: 15 m, subject in each case the application of specific provisions issued in this regard;

- vertical projection of high voltage power lines: 6 m.

5 - Protection distances

Compared to the perimeter of the containers-dispensers (with exclusion of the containment basin) must be observed a protective distance of at least 3 m.

6 - Fencing

- Containers-distributors must be located in a special area enclosed by brick fence or wire netting high at least 1.8 m with a door opening to the outside, closed with lock or padlock.

- In case of deposits placed in operation, equipped with its own fence, the fence in the preceding paragraph is not 'necessary.

7 - Other security measures

- Containers-distributors must be surrounded by an area, having width of not less than 3 m, completely clear and devoid of vegetation that can pose a fire hazard.

- In the vicinity of the containers-dispensers must not be deposited materials of any kind.

- Appropriate signs fixed clearly visible must report the restraining order to the filing by outsiders and that smoking and open flames. Safety signs must comply with the requirements of legislative decree 14 August 1996, n. 493.

- A special sign fixed must state the rules of conduct and telephone numbers of firefighters and the company engineer the distribution of fuel to contact in case of emergency.

8 - Electrical and grounding

- Facilities and equipment must be manufactured and installed in compliance with the laws March 10, 1968, n. 186 and 5 March 1990, n. 46.

- The container-distributor must be equipped with a locking device that intercepts disbursement the power supply to the motor of the dispensing unit in case of low fuel level in the container.

- The container-dispenser must be provided with appropriate grounding.

9 - Fire extinguishers

- Close to the container- distributor, at least two portable fire extinguishers with minimum charge of 6 kg and capacity extinguisher of not less than 21A-89B-C must be kept and a fire extinguisher on wheels having nominal charge not less than 30 kg and capacity extinguishing at least B3.

10 - Rules of exercise

- For prohibitions and limitations to be observed both in the phase of filling of the container-distributor that in transactions of fuel delivery, please refer to the provided for by Ministerial Decree 31 July 1934 and subsequent amendments and additions.


They must also comply with the following operating rules:

- The personnel to fill the container-distributor, before starting operations, must: ensure the amount of product that the container-distributor can receive; check the efficiency of equipment in support of the container-distributor and the absence of leaks; make the connection between bonding and tanker filling point; check compliance with prohibitions against the contour of the container-distributor;

- Container-distributor must be transported unloaded.

Capacity (Lt)	Dimensions (mm)			Containment basin (mm)			Roof (mm)		
	Ø	Ls	Hs	Lb	Bb	Hb	Lt	Bt	Ht
2000	1270	2150	1700	2400	1500	330	2700	1700	2150
3000	1270	2900	1700	3000	1500	350	3200	1700	2350
5000	1600	2900	2200	3000	2000	450	3200	2200	2550
7000	1700	3600	2150	4000	2000	450	4200	2200	2650
9000	1800	3850	2250	4000	2400	500	4200	2700	2750

SE OM - Fixed tank dispenser of approved diesel				
Capacity	Tank with basin		Roof	
Lt	Code	€	Code	€
2000	SE 2000 OM	-	TT 2000 OM	-
3000	SE 3000 OM	-	TT 3000 OM	-
5000	SE 5000 OM	-	TT 5000 OM	-
7000	SE 7000 OM	-	TT 7000 OM	-
9000	SE 9000 OM	-	TT 9000 OM	-

SE OM - Fittings		
Article	Code	€
Group carrying with lock	STD	-
56 Lt/min Electric distributor pump	EE56	-
72 Lt/min Electric distributor pump	EE72	-
Analog Liter Counter	CLAN	-
Electronic Control Grid + emergency button + min. level pump block	QEC	-
Analog level indicator	ILAN	-
OCIO Electronic level Indicator	OCIO	-
Minimum level pump block probe	SML	-
Rubber tube Ø 3/4" L = 5 mt (p = 56 Lt/min)	TG 3/4	-
Rubber tube Ø 1" L = 5 mt (p = 80 Lt/min)	TG 1"	-
Automatic nozzle A60 (P = 56 Lt/min)	PA56	-
Automatic nozzle A80 (P = 80 Lt/min)	PA80	-
Manual Dispenser Gun in aluminum	PAM	-
Filtration Kit (filter carrier and filter)	KFTZ	-
Recharge Cartridge (filtration kit)	CFTZ	-
High Capacity Hose reel + 15 mt 1" tube	AVT15	-
Dispenser Group SELF 55	SELF55	-
ROLL MATIC 60	ROLL	-
Dispenser group CUBE MC New (up to 50 users, PC connection)	CUBE	-
Self Service Column 70 MCF	CSS70MCF	-
Mc Box System kit + K600 + key kit + software	MBS	-
Key Kit + software	KCS	-
 Electronic Management Systems	ask for quotation	

Equipment and Accessories on request for SE OM Tanks



Self 55

- 56Lt/min Electronic pump
- 3 number mechanical liter counter
- Anti-vibration pump support
- Flow-Stop lever with automatic switch
- 4 mt. Tube 19x27 mm
- 60 Lt/min nozzle with automatic click
- 3/4"- 1" Gas revolving M-F
- Case in poliester powder painted metal for outdoors
- Encumbrance (mm): 410x320 depth 220

Cube MC

- Oval gear liter counter
- Electrical control unit for multi-user management
- Local memory for last 255 operations
- PC interface for exportation and organization of data
- Vehicle code and mileage, date and hour of emission

Upon request:

- Magnetic keys (keys kit) for user recognition
- Dedicated software with the possibility of printing details of emission and summaries for the user.



Fuel Control

- Enabled to refuel up to 300 vehicles and 300 drivers
- 16 key illuminated multi-function keyboard
- Completely custom service station parameters
- Data Storage even without 230 V network
- Tank quantity indication and number of re-fuelings memorized
- Km. check before refueling
- Average distance calculation and vehicle consumption by vehicle and period
- Internal refueling memory: around 400
- Shielded cable and micro-modem
- Modem



OCIO Level Indicator

Control unit for level visualization and system management. The unit is equipped with an intuitive and complete software and allows the connection of two devices, alarm or lock.

Using the software you can:

- Define the level alarms
- Define the level indication
- Define the unit of measurement
- Calibrate the instrument



Open hose reel High capacity

- Pipe 25x35 mm length 15 m



Roll-Matic

- 56lt/min pump
- 3-digit Mechanical meter
- 60lt/min nozzle with automatic click
- 3/4"- 1" gas M- F Swivel
- 3/4" Hose reel max L.7 mt
- L.7 mt 19x27 mm hose
- Container steel plate 15/10 painted with polyester powder for exteriors
- Overall height (mm): 560x755 depth 305

Self-Service Column

Fitted with oval gear meter and electronic pre-selection and the management of multi-user consumption. Local memory of the last 255 operations. With PC interface for exporting and data organization. Possibility of entering vehicle code and mileage, date and time control. magnetic keys (Kit keys) available to recognize users.

On demand:

- Dedicated software with possibility of printing dispensing details summary per user.



Mc Box System

Multi-user electronic control panel, with accessories for connecting to PC. MC BOX permits: Pump ignition, recognition of authorized users, preset of quantity to be dispensed, managing a level switch outside to turn off the pump in case of low level, managing of a micro-switch connected to the nozzle mount connected to an external printer.

Features: Panel with dual display, keyboard and the i-button key reader. Management of up to 120 users with password or i-button key. Calculation of consumption period for each user. Local memory up to the last 255 refuelings. Possibility of entering vehicle code and mileage. Refueling date and time control. Dedicated software with possibility of printing printing dispensing details summary per user. Ability to manage up to 16 panels with software. Key reader with USB port for exporting data. RS converter with power.

USB for direct connection to PC cable up to 1000 meters.



Cartridge filters

In-line filters with disposable cartridge screw (spin-on). They are suitable to be applied to both the intake and return lines of supply and lubrication.

