

Pneumatic oil dispensing kits for 1 or 2 oil types. The use of the included spill containment pallet with metal mounting rack allows to create quickly an autonomous dispensing unit that can be put in any place of the workshop. Also it can be moved at any time if it becomes necessary.

Art. no. **8548**

Stationary pneumatic oil supply station, for 208 l – drums, consisting of:

- Tank Service Base for 1 drum of 208 l, art. no. 8525, with metal mounting rack;
- Pneumatic double acting 3:1 - oil pump, art. no. 2020 (see page 41!);
- Plastic bung adapter for the fixation of pumps on drums, art. no. 4340;
- Open hose reel, standard series, art. no. 9016;
- 15 m – rubber hose 1/2", art. no. 28715
- 2 m – rubber connection hose 1/2", art. no. 28702
- Electronic flow meter for oil, with control gun, rubber protection guard, trigger guard, rigid outlet, automatic anti-drip nozzle and inlet swivel 1/2" BSP (M), art. no. 2826 (see page 61!);
- Pressure regulator with manometer and condensation water separator, art. no. 7180.

Art. no. **8548/10**

Same as above, but with open hose reel art. no. 9016 and with 10 m – hose, art. no. 28710.



Art. no.	Weight	Dimensions (LxWxH) (mm)
8548	69 Kg	830x880x2360



Art. no. **8549**

Stationary pneumatic oil supply station, for 2 x 208 l - drums, consisting of:

- Tank Service Base for 2 drums of 208 l, art. no. 8533, with metal mounting rack;
- 2 pcs. of pneumatic double acting 3:1 - oil pumps, art. no. 2020 (see page 41!);
- 2 pcs. of plastic bung adapters for the fixation of pumps on drums, art. no. 4340;
- 2 pcs. of open hose reels, standard series, art. no. 9016;
- 2 pcs. of 15 m – rubber hoses 1/2", art. no. 28715;
- 2 pcs. of 2 m – rubber connection hoses 1/2", art. no. 28702;
- 2 pcs. of electronic flow meters for oil, with control gun, rubber protection guard, trigger guard, rigid outlet, automatic anti-drip nozzle and inlet swivel 1/2" BSP (M), art. no. 2826 (see page 62!);
- 2 pcs. of pressure regulators with manometer and condensation water separator, art. no. 7180.

Art. no. **8549/10**

Same as above, but with open hose reel art. no. 9016 and with 10 m - hose, art. no. 28710.



Art. no.	Weight	Dimensions (LxWxH) (mm)
8549	106 Kg	1350x880x2360



Pneumatic oil dispensing kits for 1 or 2 oil types. The use of the included spill containment pallet with metal mounting rack allows to create quickly an autonomous dispensing unit that can be put in any place of the workshop. These oil supply stations are approved for fiscal transactions according to the European Directive 2004/22/EC, better known as Measurement Instrument Directive (MID) MI-005. They include an air separator kit, approved according to OIML R117-1, with or without automatic pump stop device and an electronic oval gears flow meter for oil, also approved according to MID MI-005. The configuration of components in these kits meets all metrological standards and requirements concerning accuracy defined in the Directive MID MI-005 and can be used therefore as approved system also in fiscal transactions.



Art. no. 8547MID

Stationary pneumatic oil supply station, for 60 l – drums, approved for fiscal transactions according to the European Directive 2004/22/EC, better known as Measurement Instrument Directive (MID) MI-005, consisting of:

- Pneumatic double acting 5:1 - oil pump, art. no. 2061 (see page 44!);
- Wall bracket in painted steel, for the fixation of the pump;
- Air separator kit, art. no. 2050, approved according to OIML R117-1 (see page 44!);
- Manometer for outlet pressure control;
- Tank Service Base for 1 drum of 60 l, with metal mounting rack;
- Suction tube in galvanized steel, Ø 40 mm, length 650 mm, with 90° - curved connection 1" BSP (M), with foot valve, and bung adapter 2" BSP (M) x 40 mm, art. no. 4340, suitable for the use in 60 l – drums;
- 1, 5 m - rubber suction hose 1", connections 1" BSP (F-F), art. no. 2205;
- Open hose reel, adjustable arms series, art. no. 9090;
- 15 m – rubber hose 1/2", art. no. 28715;
- 1,5 m – rubber connection hose 1/2", art. no. 287015;
- Electronic oval gears flow meter for oil, approved for fiscal transactions according to MID MI-005, Directive 2004/22/CE, with control gun, rubber protection guard, trigger guard, oil flow control tube with transparent insert, flexible rubber outlet, Ø 1/2", with curved rigid 90° stem, automatic anti-drip nozzle and inlet swivel 1/2" BSP (M), art. no. 2545 (see page 65!).

Art. no. 8548MID

Same as above, but with components suitable for the use of 208 l – drums.

Art. no.	Weight	Dimensions (LxWxH) (mm)
8547MID	68 Kg	480x500x1600
8548MID	82 Kg	830x880x2360

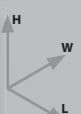


Art. no. 8549MID

Stationary pneumatic oil supply station, for 2 x 208 l – drums, approved for fiscal transactions according to the European Directive 2004/22/EC, better known as Measurement Instrument Directive (MID) MI-005, consisting of:

- 2 pcs. of pneumatic double acting 5:1 - oil pump, art. no. 2061 (see page 44!);
- 2 pcs. of wall bracket in painted steel, for the fixation of the pump;
- 2 pcs. of air separator kit, art. no. 2050, approved according to OIML R117-1 (see page 44!);
- 2 pcs. of manometer for outlet pressure control;
- 1 pc. of Tank Service Base for 2 drums of 208 l, art. no. 8533, with metal mounting rack;
- 2 pcs. of suction tube in galvanized steel, Ø 40 mm, length 950 mm, with 90° - curved connection 1" BSP (M), with foot valve, and bung adapter 2" BSP (M) x 40 mm, art. no. 4340, suitable for the use in 208 l – drums;
- 2 pcs. of 1, 5 m - rubber suction hose 1", connections 1" BSP (F-F), art. no. 2205;
- 2 pcs. of open hose reel, adjustable arms series, art. no. 9090;
- 2 pcs. of 15 m – rubber hose 1/2", art. no. 28715;
- 2 pcs. of 1,5 m – rubber connection hose 1/2", art. no. 287015;
- 2 pcs. of electronic oval gears flow meter for oil, approved for fiscal transactions according to MID MI-005, Directive 2004/22/CE, with control gun, rubber protection guard, trigger guard, oil flow control tube with transparent insert, flexible rubber outlet, Ø 1/2", with curved rigid 90° stem, automatic anti-drip nozzle and inlet swivel 1/2" BSP (M), art. no. 2545 (see page 65!).

Art. no.	Weight	Dimensions (LxWxH) (mm)
8549MID	118 Kg	1350x880x2360



Art. no. 8542MID

Stationary electric oil supply station, for 208 l - drums, **approved for fiscal transactions** according to the **European Directive 2004/22/EC**, better known as Measurement Instrument Directive (MID) MI-005, consisting of:

- Electric, self-priming 230 VAC gear pump for the supply of oil, art. no. 6122; (see page 52!);
- Control box with push button and electric connection cable with plug;
- Double electronic pressure switch that starts the pump once the control gun is activated and stops it again due to the pressure increase in the circuit once the gun is closed;
- Wall bracket in painted steel, for the fixation of the pump;
- Air separator kit, art. no. 2050, approved according to **OIML R117-1** (see page 44!);
- Manometer for outlet pressure control;
- Tank Service Base for 1 drum of 208 l, art. no. 8525, with metal mounting rack;
- Suction tube in galvanized steel, Ø 40 mm, length 950 mm, with 90° - curved connection 1" BSP (M), with foot valve, art. no. 2204, and bung adapter 2" BSP (M) x 40 mm, art. no. 4340, suitable for the use in 208 l - drums;
- 1,5 m - rubber suction hose 1", connections 1" BSP (F-F), art. no. 2205;
- Open hose reel, adjustable arms series, art. no. 9090;
- 15 m - rubber hose 1/2", art. no. 28715;
- 1,5 m - rubber connection hose 1/2", art. no. 287015;
- Electronic oval gears flow meter for oil, approved for fiscal transactions according to **MID MI-005, Directive 2004/22/CE**, with control gun, rubber protection guard, trigger guard, oil flow control tube with transparent insert, flexible rubber outlet, Ø 1/2", with curved rigid 90° stem, automatic anti-drip nozzle and inlet swivel 1/2" BSP (M), art. no. 2545 (see page 65!).

Art. no. 8542

Same as art. no. 8542MID, but non - approved version without air separator kit and manometer for outlet pressure, and with electronic flow meter for oil, art. no. 2626 (see page 61!).

Art. no. 8543MID

Stationary electric oil supply station, for 2 x 208 l - drums, **approved for fiscal transactions** according to the **European Directive 2004/22/EC**, better known as Measurement Instrument Directive (MID) MI-005, consisting of:

- 2 pcs. of electric, self-priming 230 VAC gear pump for the supply of oil, art. no. 6122; (see page 52!);
- 2 pcs. of control box with push button and electric connection cable with plug;
- 2 pcs. of double electronic pressure switch that starts the pump once the control gun is activated and stops it again due to the pressure increase in the circuit once the gun is closed;
- 2 pcs. of wall bracket in painted steel, for the fixation of the pump;
- 2 pcs. of air separator kit, art. no. 2050, approved **according to OIML R117-1** (see page 44!);
- 2 pcs. of manometer for outlet pressure control;
- 1 pc. of Tank Service Base for 2 drums of 208 l, art. no. 8533, with metal mounting rack;
- 2 pcs. of suction tube in galvanized steel, Ø 40 mm, length 950 mm, with 90° - curved connection 1" BSP (M), with foot valve, art. no. 2204, and bung adapter 2" BSP (M) x 40 mm, art. no. 4340, suitable for the use in 208 l - drums;
- 2 pcs. of 1,5 m - rubber suction hose 1", connections 1" BSP (F-F), art. no. 2205;
- 2 pcs. of open hose reel, adjustable arms series, art. no. 9090;
- 2 pcs. of 15 m - rubber hose 1/2", art. no. 28715;
- 2 pcs. of 1,5 m - rubber connection hose 1/2", art. no. 287015;
- 2 pcs. of electronic oval gears flow meter for oil, approved for fiscal transactions according to **MID MI-005, Directive 2004/22/CE**, with control gun, rubber protection guard, trigger guard, oil flow control tube with transparent insert, flexible rubber outlet, Ø 1/2", with curved rigid 90° stem, automatic anti-drip nozzle and inlet swivel 1/2" BSP (M), art. no. 2545 (see page 65!).

Art. no. 8543

Same as art. no. 8543MID, but non - approved version without air separator kit and manometer for outlet pressure, and with electronic flow meter for oil, art. no. 2626 (see page 61!).

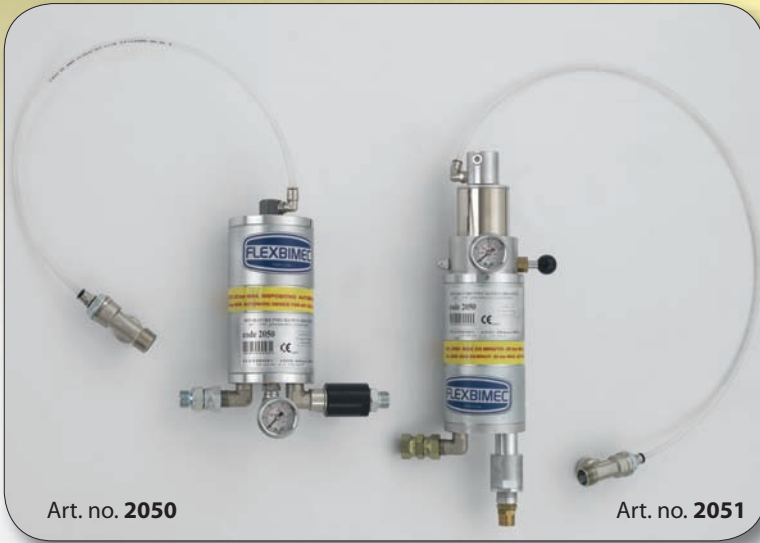


Art. no. 8542MID



Art. no. 8543MID





Art. no. **2050 - 2051**

Automatic air separator kits, suitable to separate the air eventually present in the suction line from the oil, available with (= art. no. 2051) or without (= art. no. 2050) automatic pump stop device, **approved according to OIML R117-1**; includes also manometer for the control of the outlet pressure and non-return valve.

By installing the air separator at the fluid outlet of a pump can be achieved the working conditions needed to meet the requirements of the **Directive MID MI-005** in combination with an oil flow meter that must also be approved for fiscal transactions.

Art. no. 2050
Air separator kit without automatic pump stop device.

Art. no. 2051
Air separator kit with automatic pump stop device (stopping the pump as soon as air is sucked into the suction line due to an empty drum or tank).



Art. no.	Flow range	Working pressure	Connections IN - OUT	Connection air discharge	Weight	Dimensions (LxWxH) (mm)
2050	0,5 - 5 l/min	1 - 20 bar	1/2" BSP (F - M)	3/4" BSP (M)	3 kg	190x110x310
2051	0,5 - 5 l/min	1 - 20 bar	1/2" BSP (F - M)	3/4" BSP (M)	4 kg	190x110x370



Art. no. **2052 - 2053**

Automatic air separator kits, suitable to separate the air eventually present in the suction line from the oil, available with (= art. no. 2053) or without (= art. no. 2052) automatic pump stop device; includes also manometer for the control of the outlet pressure.

By installing these kits at the fluid outlet of a pump eventually sucked air in the oil can be eliminated and pressure peaks caused by the function of the pneumatic pump can be damped and thus a constant oil flow can be achieved.

The art. no. 2053 includes also a pump stop device which - in case a drum is getting empty - guarantees that the pump does not run dry and that no air can enter into the oil circuit.

Art. no. 2052 Air separator kit without automatic pump stop device.

Art. no. 2053 Air separator kit with automatic pump stop device (stopping the pump as soon as air is sucked into the suction line due to an empty drum or tank).

Art. no.	Flow range	Working pressure	Connections IN - OUT	Connection air discharge	Weight	Dimensions (LxWxH) (mm)
2052	12 l/min	1 - 20 bar	1/2" BSP (F - M)	3/4" BSP (M)	2,5 kg	190x110x290
2053	12 l/min	1 - 20 bar	1/2" BSP (F - M)	3/4" BSP (M)	3,5 kg	190x110x350



Art. no. **2250**

Pulsation damper, with manometer for the control of the outlet pressure, connections 1/2" BSP (F - F), max. pressure 20 bar, suitable for the use with 1:1 - and 3:1 - pneumatic pumps.

By installing the pulsation damper at the fluid outlet of a pump pressure peaks caused by the function of the pneumatic pump can be damped and thus a constant oil flow can be achieved.

Pneumatic oil dispensing kits for 1 or 2 oil types. The use of the included spill containment pallet with metal mounting rack allows to create quickly an autonomous dispensing unit that can be put in any place of the workshop. Also it can be moved at any time if it becomes necessary.

Art. no. 8621

Pneumatic oil dispensing and storage cabinet, one drum - version, for 208 l – drums, consisting of:

- Tank Service Base for 1 drum of 208 l, art. no. 8525;
- Metal, lockable cabinet for 1 drum of 208 l, art. no. 8681;
- Pneumatic double acting 5:1 - oil pump, art. no. 2076 (see page 42!);
- Plastic bung adapter for the fixation of pumps on drums, art. no. 4340;
- Open hose reel, standard series, art. no. 9016;
- 15 m – rubber hose 1/2", art. no. 28715;
- 2 m – rubber connection hose 1/2", art. no. 28702;
- Electronic flow meter for oil, with control gun, rubber protection guard, trigger guard, flexible outlet, \varnothing 1/2", with curved rigid 90° stem, automatic anti-drip nozzle and inlet swivel 1/2" BSP (M), art. no. 2626 (see page 61!);
- Pressure regulator with manometer and condensation water separator, art. no. 7180.



Art. no. 8621

Art. no.	Weight	Dimensions (LxWxH) (mm)
8621	230 Kg	830x880x2360



Art. no. 8634

Pneumatic oil dispensing and storage cabinet, 2 drums - version, for 208 l – drums, consisting of:

- Tank Service Base for 2 drums of 208 l, art. no. 8533;
- Metal, lockable cabinet for 2 drums of 208 l, art. no. 8682;
- 2 pcs. of pneumatic double acting 5:1 - oil pumps, art. no. 2076 (see page 42!);
- 2 pcs. of plastic bung adapters for the fixation of pumps on drums, art. no. 4340;
- 2 pcs. of open hose reels, standard series, art. no. 9016;
- 2 pcs. of 15 m – rubber hoses 1/2", art. no. 28715;
- 2 pcs. of 2 m – rubber connection hoses 1/2", art. no. 28702;
- 2 pcs. of electronic flow meters for oil, with control gun, rubber protection guard, trigger guard, flexible outlet, \varnothing 1/2", with curved rigid 90° stem, automatic anti-drip nozzle and inlet swivel 1/2" BSP (M), art. no. 2626 (see page 61!);
- 2 pcs. of pressure regulators with manometer and condensation water separator, art. no. 7180.



Art. no. 8634

Art. no.	Weight	Dimensions (LxWxH) (mm)
8634	290 Kg	1350x880x2360





Art. no. **8684**

MULTISERVICE LUBE DRUM BOX - Multifunctional oil dispensing unit for 2 oil types, with storage space for 2 drums of 208 l and for the pumping equipment inside of the cabinet. The lockable doors can be opened completely and the included spill containment pallet with grate prevents an eventual spillage of oil into the ground. At the external angles of the containment pallet are mounted 4 detachable feet that allow the lifting of the unit if it must be moved. In the upper part a vertically mounted, perforated panel allows the storage of various tools. The upper surface of the cabinet is provided as a supporting surface and it is divided into 2 parts that can be lifted separately from behind in order to enable the user to facilitate the drum change operations. On top of the upper surface a rubber protection sheet is applied so that it can be used as the worktop of a workbench.

Workbench height: 1160 mm.

The unit includes the following components:

- 2 pcs. of pneumatic pumps with accessories installed inside of the drum storage space;
- 2 pcs. of silencers to diminish the typical noise emission of the pneumatic pumps;
- 2 pcs. of enclosed hose reels, art. no. 9013, with 15 m – hose 1/2", art. no. 28715;
- 2 pcs. of electronic flow meters for oil with control gun, art. no. 2826 (see page 62!).



Art. no.	Weight	Dimensions (LxWxH) (mm)
8684	370 kg	1500x900x2222



Art. no. **8685**

MULTISERVICE LUBE TANK BOX – Multifunctional oil dispensing unit for 2 oil types, with additional useability as workbench.

The unit consists of the following essential components:

- 2 pcs. of incorporated metal tanks of 235 l capacity each, with lateral level indicators;
- 1 pc. of spill containment pallet;
- 2 pcs. of pneumatic 1:1 – oil pumps, art. no. 2044 (see page 40!), with accessories;
- 2 pcs. of pressure regulator with manometer and condensation water separator, art. no. 7180;
- Metal cabinet with lockable doors that can be opened completely;
- Vertically mounted, perforated panel for the storage of various tools;
- Worktop surface (height 90 cm) with rubber protection sheet;
- 2 pcs. of enclosed hose reels, art. no. 9013, with 15 m – hose 1/2", art. no. 28715;
- 2 pcs. of electronic flow meters for oil with control gun, art. no. 2826 (see page 62!);
- 2 pcs. of tubular anti-drip gun holders, adjustable in 2 different positions;
- Detachable feet that allow the lifting of the unit if it must be moved.

Art. no.	Weight	Dimensions (LxWxH) (mm)
8685	390 kg	1500x900x2430

