

Systems for the storage and delivery of AdBlue® AT series

* What is AdBlue®

AdBlue® is a particular solution with very high purity of Urea at 32,5%, whose constant quality is ensured by the compliance to DIN 70070 and ISO 22241:2008 standards.

AdBlue® is placed in an auxiliary tank of the vehicle and the quantity used, according to EURO 4 directive, corresponds approximately to 5% of fuel consumption.

Only AdBlue® can ensure the correct operation of the catalytic converter.

AdBlue® is harmless substance with crystallization point of -11°C.



AdBlue® TANK DISPENSER are containers equipped for AdBlue® storage, with galvanized steel structure coated with pre-painted double wall steel insulated panels.

They are equipped with:

- **high-density linear polyethylene or stainless steel AISI 304 storage tank**
- **stainless steel AISI 304 delivery pump**
- **safety solenoid valve**
- **load limiting device**
- **continuous level measurement**
- **thermal insulation with panels, heating and ventilation**
- **electrical panel complete with protection devices and controls**
- **hose reel for flexible hose recovery**

Options:

- leakage containment basin
- protection rollbar
- additional heater for temperatures < -10°
- product loading fast connection
- adapter for delivery enabling
- presetting kit
- standard or LV Elaflex ZVA nozzle for AdBlue®

It is possible to integrate the dispensers of the main manufacturers.

Note: all components in contact with Urea are made with materials included in the recommended materials list (Point 4.1.2 - Table 1, ISO 22241-3 : 2008 standard).

AdBlue® is a registered trademark of the VDA (Verband der Automobilindustrie)

Technical characteristics

Supporting structure	Galvanized FE430B steel without welding				
Walls and roofing	Insulated panels containing foam layer of self-extinguishing, double-walled polyurethane resins, in pre-painted steel. White color Thickness: 25 mm				
Handling	By forklift, with empty tank				
Tank material	High density linear polyethylene or stainless steel (on request)				
Tank capacity	1350 l	2000 l	3000 l	4000 l	5000 l
Dimensions (*)	0,90x3,74 H1,95 m	0,90x3,74 H1,95 m	1,00x3,89 H2,25 m	1,17x4,08 H2,25 m	1,50x4,08 H2,25 m
Level indicator	Indication of content (in cm and liters)				
Delivery pump	Parts in contact with the product in stainless steel				
Weight (/EA)	40 ÷ 50 l/min				
Power supply	230 VAC single phase				
Maximum current (In)	Max 3 KW				
Pump motor power supply	230 VAC 0,74 KW				
Heating (opt.)	230 VAC 1000 W				
Ventilation	230 VAC 60 W				
Electronics	24 VAC 50 W				
Operating temperature	-10°C ÷ +40°C (-20°C ÷ +60°C on request)				

Accessories

AT38206	Load limiting device
AT09219	Low filling kit
ATO16817	High level alarm kit
AT001617	Forced ventilation, 100 m ³ /h
AT001117	Internal heater 0.75÷2 kW for deliveries at ambient temperatures below 0 °C
AT15616	ZVA LV 5 l/min automatic nozzle for cars, M 1"
AT010413/1/M	ZVA HV 40 l/min automatic nozzle for vans/trucks, M 1"
AT17017	Magnetic adapter for ZVA LV nozzle
AT12506	Magnetic adapter for ZVA HV nozzle

Codes

Code	Capacity	Containment	Dispenser	Vehicles	Dispenser type	Installation
AT06821	/135: 1350 l /200: 2000 l /300: 3000 l /400: 4000 l /500: 5000 l	/V: with containment tank /N: without containment tank	/A2: Assytech AT02LC /A1: Assytech AT15 /H1: Wayne Helix 1000 /H2: Wayne Helix 6000 /OC: Tatsuno Ocean /SE: Tatsuno Shark Economy /SJ: Tatsuno Shark Junior /Q1: Tokheim Quantum 110 /Q5: Tokheim Quantum 510 /QM: Tokheim Quantum 510M /G1: Gilbarco SK700-2 /G2: Gilbarco SK700-2 car/lorry	/A: car /C: truck /E: car/truck	/S: single /D: double /A: alternate	/P: predisposition for dispenser /M: mounted dispenser provided by Assytech /C: mounted dispenser provided by customer

Specification subject to change without notice