



Electronic fluid dispensers TATSUNO serves
in dispensing Diesel Exhaust Fluid (DEF)
for road vehicles on retail and commercial outlets.

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TATSUNO
In Innovation, In Reliable Services

TOWER /ADBLUE®

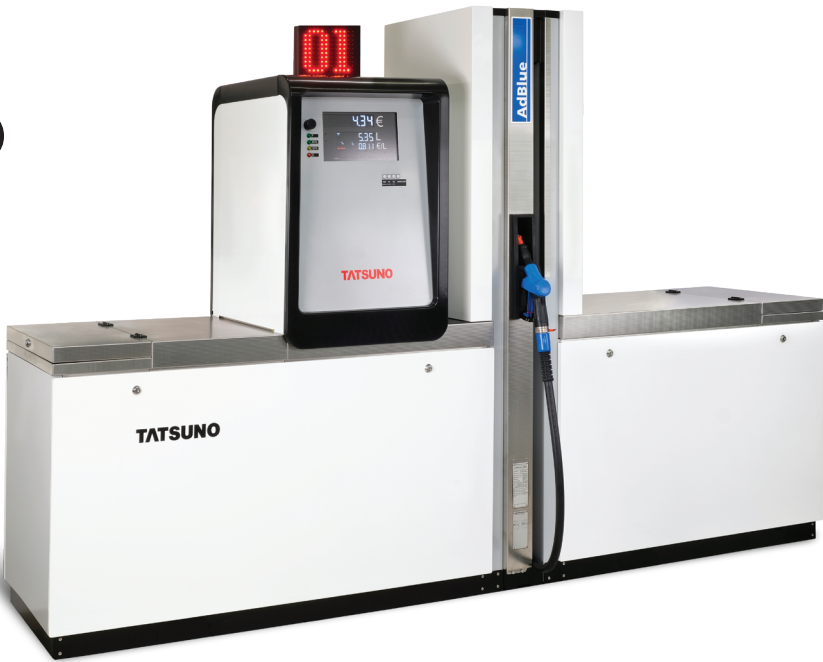


TATSUNO

ELECTRONIC DISPENSERS FOR ADBLUE®

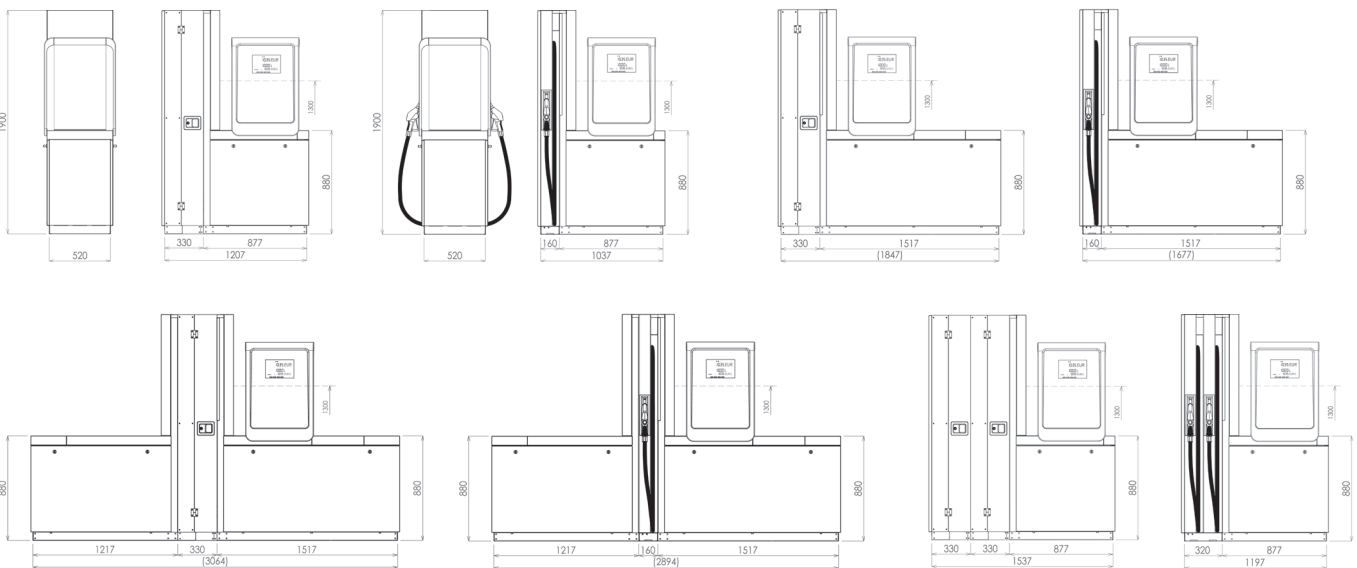
TOWER /ADBLUE®

TATSUNO dispensers in the TOWER AdBlue® series serves in dispensing Diesel Exhaust Fluid (DEF) for road vehicles on retail and commercial outlets.



The TOWER AdBlue® is a progressive single or double sided dispensers with one to four dispensing hoses. The fluid dispensers are equipped by the highest quality Japanese flow meter TATSUNO and by a reliable electronic calculator. A simple and attractive design with durable materials in addition to composite plastic nozzle boots and countless design configurations. Made to last longer and offers more benefit to its users.

The AdBlue® dispenser can be supplemented with a suction pump and a storage tank with a capacity of 250 L or 500 L. In areas where the ambient temperature drops below freezing, it is necessary to equip the dispensers with heating of hydraulics and dispensing hoses and nozzles, because at a temperature of about -9 °C AdBlue® freezes and it is decomposed. All dispensers in the TOWER AdBlue® type series work both in manual mode (i.e. off-line), and in the automatic mode, where the fluid dispenser is linked with the kiosk control system and the data concerning volume, amount and price are transmitted to cash register.



STANDARD SPECIFICATION

- Calculator PDEX5 with electronic volume/amount totalizers for every dispensing nozzle
- Electromagnetic proportional valve +24 V DC
- LCD with LED backlight with 7 digits for amount, 6.5 digits for volume and 5 digits for unit price
- Stainless steel filter, reusable, easy to clean
- Fluid types: Aqueous Urea Solution made with 32.5 % high-purity urea (ISO 22242) and 67.5 % deionized water
- Hose spring retractor with hose reach of 4.0 m
- Hoses DN 16
- Galvanized and powder-painted carbon steel housing
- Volume meter TATSUNO
- Automatic nozzle ZVA-ELAFLEX (Germany)
- Magnetic pulse transmitter TATSUNO with encoded data signal
- Remote version - ready for connection with submersible pump installed inside the tank
- ATEX variant with the possibility of installing the dispenser in a defined zone 2 (/Ex)

OPTIONS

- Breakaway couplings
- Customizable colours
- Customizable design modifications
- Electro-mechanical totalizers
- Foundation frame
- Housing - stainless steel
- Infra-red remote controller
- LED site number
- Main safety switch (TOTAL STOP)
- Possibility to install multimedia module or payment terminal
- Pulse interface
- Sight glass in hose
- Volume and amount preset function via push buttons
- Wide range of data line communication protocols
- Variant with suction pump and storage tank 250 L or 500 L
- Diagnostic line

TECHNICAL & ENVIRONMENTAL SPECIFICATION

Flow rates:	Standard speed flow rate:	Low speed flow rate:
	40 L / min – trucks and buses	10L / min – personal cars
Accuracy:	± 0.15 % with minimum dispensed volume 2 L	
Counter power supply:	230 V +10% -15%, single phase 50 Hz	
Ambient temperature:	0 °C to +50 °C, -20 °C to +50 °C (with heating)	
Relative humidity:	5 % to 95 % non-condensing	

SINGLE-SIDED DISPENSERS

Inlets	Type	Hoses/Performance
1	BMP4011.OWL(R)/AdB	1 × 40 L / min
1	BMP4012.OWL(R)/AdB	2 × 40 L / min

DOUBLE-SIDED DISPENSERS

Inlets	Type	Hoses/Performance
1	BMP4012.OWD/AdB	2 × 40 L / min
1	BMP4014.OWD/AdB	4 × 40 L / min