

# AdBlue Equipment

## Pumps and accessories for AdBlue solutions

AdBlue® is a high purity 32.5% urea solution in demineralized Water. It is used for post-treatment of exhaust gas in an SCR catalyst diesel-powered vehicles.

By selective catalytic reduction the emission of toxic oxides of nitrogen is reduced by 90%. AdBlue® thus contributes large share to comply with the prescribed standards Euro IV and V and is classified in the lowest water hazard class 1. The consistently high quality is assured by DIN 70070.

AdBlue® finds particular application in goods transport and at bus. Commercial vehicles such as trucks and buses come equipped with a separate AdBlue tank. In identifying needs one goes in about 5% of the fuel from consumption. There are also quite a few car models with operate with the additive AdBlue.

From the storage of AdBlue® be noted that the product is not exposed to high temperature fluctuations. The freezing point of -10 ° C. The ammonia contained therein may decompose at a temperature of 30 ° C.

### JP-AB 056

|               |   |
|---------------|---|
| Flow rate:    | up to 35 l/min  |
| Self-priming: | up to 3 m   |
| Prevalence:   | 30 m (3 bar)  |
| Casing:       | Stainless steel AISI 304,<br>Motor casing coated with<br>protective paint |
| Connections:  | ¾" F BSP  |
| Motor:        | 230 V, 50 Hz, 375 Watt,<br>2800 rpm                                       |

### JP-AB 054

|               |                             |
|---------------|-----------------------------|
| Flow rate:    | up to 32 l/min              |
| Self-priming: | up to 3 m                   |
| Prevalence:   | 16 m (1,6 bar)              |
| Casing:       | Stainless steel AISI 304    |
| Connections:  | ¾" F BSP                    |
| Motor:        | 12 V, 250 Watt,<br>4800 rpm |



### JP-180 PP (SS) 1000 Complete-Set

**Universal motor JP-180,**  
230 V, 50 Hz, 600 W, IP 24  
double insulated, protection class II,  
Overcurrent protection switch with  
integrated undervoltage release.  
5 m cable with safety plug.  
Speed control as an option.  
Also in 115 volts, 60 Hz available.

**Pump tube made of polypropylen,**  
length 1000 mm, Ø 41 mm

- Sealless construction
- Tube length 1000 mm
  - Outer-Ø 41 mm
  - Stainless steel AISI 304
  - Connection thread G 1¼",
  - Hose connection ¾"
  - 2 m PVC-hose ¾"
  - Manual nozzle made of Polypropylen or
  - Automatic-nozzle stainless-steel



## AdBlue Accessories

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### JESSBERGER GmbH

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**Automatic nozzle made of stainless steel for AdBlue with a narrow spout Ø 19 mm, swivel on hose connection**

**Flow rate:** 80 l/min

**Pressure:** max. 3,4 bar

Order-No.: ¾" **9124**

Order-No.: 1" **9125**



**Manual nozzle made of polypropylene for AdBlue with outlet tube Ø 19 mm stainless steel**

Casing and internal parts in white polypropylene, valve seat and O-rings FKM, stainless steel spring

**Flow rate:** 40 l/min

**Pressure:** max. 3,4 bar

Order-No.: ¾" **9015**

Order-No.: 1" **9015b**



**JP-04 Manual hand pump (Chemical version), especially for acids, alkalis and AdBlue**

**Pump material:** Polypropylen

**Shaft:** Polypropylen

**Sealings:** Viton

**Output:** ca. 0,3 l/stroke

**Hose connection:** ¾"

The telescopic tube of 480-950 mm is continuously adjustable and has a diameter of max. 34 mm.

The pump casing has a thread 2" to screw into any standard steel barrels. To compensate for different thread we can offer appropriate adapters.

Order-No.: 6004 0000