

IT SIMPLY WORKS.



# FLUID SERVICE

// Automatic ATF stations



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## PROFESSIONAL ATF STATIONS FOR AUTOMATIC GEARBOXES.

AGC-8250 // AGC-8280

The increasing popularity of automatic gearboxes demands new ways of servicing. Our solution: the AGC-8250 and the AGC-8280 fully automatic ATF stations.

**Vehicle manufacturers recommend servicing automatic gearboxes:**

- + To avoid high secondary costs in the event of problems
- + To extend the service life of automatic gearboxes
- + To maintain good vehicle performance
- + To prevent malfunctions due to wear and contaminated ATF
- + To ensure a more comfortable ride



## // OVERVIEW OF ATF STATIONS AND ACCESSORIES

### AGC series



#### AGC-8250

- + Additive functions
- + Remote Control APP
- + database on board
- + Printer
- + Standard KIT included



#### AGC-8280

- + Additive functions
- + Remote Control APP
- + database online
- + database on board
- + Printer
- + Standard KIT included

### REQUIRED ACCESSORIES



#### AGC-8300 STANDARD ADAPTERS KIT



#### AGC-8310 1ST LEVEL ADAPTERS KIT

### ATF-CHECK UP



**With ATF CHECK UP, your customers will be so delighted that you will not get rid of them easily!**

- + **CHECK UP FUNCTION**  
Take a picture before the service operation and share the efficiency measurement report with your customer
- + **DOCTOR FUNCTION**  
Take a picture during the service operation and share the service report with your customer
- + **REMOTE CONTROL**  
Check the operation of your station on your Smartphone.
- + **REMOTE DIAGNOSIS**  
Immediate assistance at any time

## // MODES OF OPERATION

The number of vehicles with automatic gearboxes has risen sharply in recent years. The recommendation is to service the gearbox system every 60,000 km/37,500 miles, on average. With the right equipment, such as the BRAIN BEE FLUID SERVICE, this is an uncomplicated job.

### **Our unique zero cross-contamination solution ensures there is no mixing of old and new oil:**

ATF stations should ensure the gearbox is filled with ATF without any contamination. Contamination from residues of the wrong type of oil can adversely affect the automatic gearbox, resulting in serious and costly damage. It is therefore essential to keep the oil pure.

Our zero cross-contamination solution makes sure there is no possibility of contamination from ATF oils with different specs. In addition, our AGC stations come with interchangeable oil tanks.

Dedicated oil tanks for vehicle manufacturers' different specifications combined with our quick coupler system ensure fast and uncomplicated oil tank changes.

The advantage: Our ATF stations clean the entire ATF circuit with just one litre of oil.

### **Advantages at a glance:**

- + Time savings: Tanks are replaced in seconds and there is no need to clean or empty them.
- + Efficiency: No oil is lost when oil tanks are changed; unused oil can subsequently be reused.
- + Precision: Automatic adjustment of oil level in the transmission during the cleaning phase.

### **An extensive range of adapters ensures optimum market coverage:**

ATF stations not only replace all the oil in the automatic gearbox, but simultaneously clean its components.

Thanks to the large number of available adapters, every type of automatic gearbox on the market is covered.

The right adapter is indicated on the station's display, so peace of mind is guaranteed. An optional database is available for a more extensive range of possible applications.



**STANDARD ADAPTERS KIT**  
AGC-8300



**1ST LEVEL ADAPTERS KIT**  
AGC-8310

### **Fully automated ATF station:**

In the BRAIN BEE FLUID SERVICE, the ATF is replaced automatically in a process that is controlled and monitored by intelligent software. Operator guidance is available for some applications, such as filter replacement or starting the engine.

All you need to do to start with is enter the vehicle data.

The integrated database tells you the vehicle-specific quantity of ATF and the correct specification.

The automatic ATF temperature detector automatically starts the flushing process.

Cleaning Additives can be added as an option.



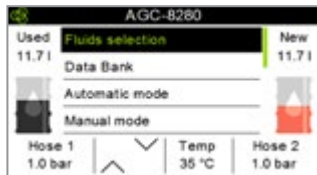
## // AGC-8400 ON-BOARD DATA BANK

## // AGC-8410 WEB DATA BANK

### Integrated database with illustrations:

The database integrated in the station enables you to find the right adapter quickly and confidently. The AGC-8400 DATABASE provides comprehensive instructions for the flushing process:

- + Vehicle model/gearbox type
- + ATF type with vehicle manufacturer's specification
- + ATF quantity
- + Tightening torques
- + Correct adapter



### Additional features:

The dipstick feature enables you to work on sealed gearbox systems, which can only be serviced via the oil refill hole. With the 12 V power supply from the car battery, the station can be used without a lifting platform, enabling its use in various conditions.

If the automatic transmission of the vehicle has a low flow rate, the AGC-8280 automatically switches to Boost mode, accelerating the entire flushing process.

### Printer:

The AGC-8280 and AGC-8250 is equipped with an integrated printer.

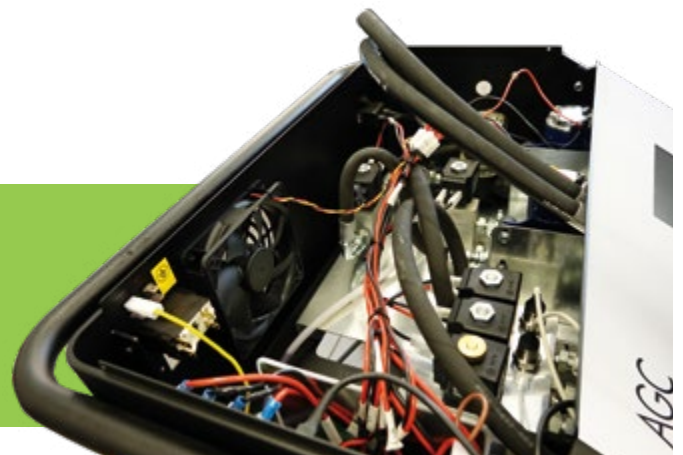
### Advanced electronics:

All servicing processes are monitored by advanced electronics, preventing any damage to components.



- + The automatic recirculation feature prevents damage due to excess pressure.
- + Automatic flow direction detection: The integrated pressure sensors always detect the right direction of flow of ATF.
- + Automatic ATF temperature measurement: The flushing process is started automatically.
- + The electronically controlled pump (two pumps in the case of the AGC-8280) ensures the ideal flushing speed, adapted to the type of gearbox.

### Ease of service:

When developing the BRAIN BEE FLUID SERVICE, we focused a lot of our efforts into making servicing as easy as possible. The BRAIN BEE FLUID SERVICE has been designed to make the most important components quickly and easily accessible for servicing.

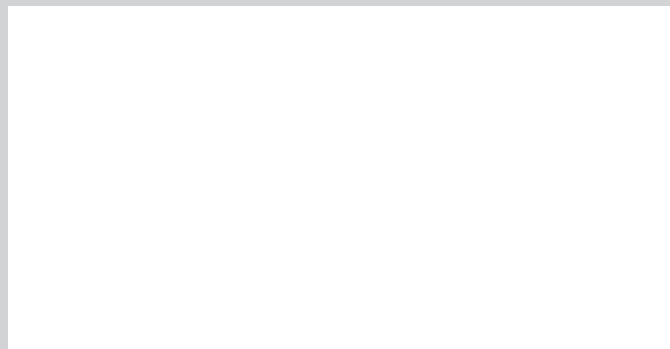


## // TECHNICAL DATA

ATF STATIONS	AGC-8250 	AGC-8280 
<b>Tanks for new/old ATF:</b>		
Volume	25 l	25 l
Measuring method	Scales	Scales
<b>Additive container:</b>		
Volume	500 ml	500 ml
Measuring method	Scales	Scales
<b>Hydraulic circuit:</b>		
Feed pump	10 l/min, single-stage gear pump	10 l/min, single-stage gear pump
Suction pump	–	10 l/min, single-stage gear pump
Displacement	3.6 cm <sup>3</sup>	3.6 cm <sup>3</sup>
<b>Fresh oil filter:</b>		
Filter	Stainless steel mesh	Stainless steel mesh
Flow rate	150 l/m	150 l/m
<b>Service hoses:</b>		
A/T connections - hoses 1/2 (length)	3 m	3 m
Used ATF drain hose (length)	–	1.5 m
<b>User interface:</b>		
Display	LCD 4.3"	LCD 4.3"
Keypad	Membrane	Membrane
Update interface	USB type A (with USB 2.0 key)	USB type A (with USB 2.0 key)
Service	USB type B (direct connection to PC)	USB type B (direct connection to PC)
<b>Functions:</b>		
Automatic mode (Fully Automatic)	✓	✓
ATF charge	✓	✓
ATF recovery	✓	✓
a/t flushing	✓	✓
Additive injection	✓	✓
Zero-cross contamination	✓	✓
used ATF tank drainage	Dedicated hose with tap	Adapter on hose 1
Boost function	✓	✓
on-board data bank	✓	–
web data bank	1st year free of charge	Optional
Dipstick function	✓	–
Thermal printer	✓	✓
<b>Dimensions:</b>		
W x D x H	750 x 750 x 1200 mm	750 x 750 x 1200 mm
Weight when empty	Approx. 65 kg	Approx. 65 kg
<b>Power supply:</b>		
Frequency	50–60 Hz	50–60 Hz
Voltage	230/240 V AC	230/240 V AC
Power	500 W	500 W
Thermal switch	12 A	12 A
<b>Ambient conditions:</b>		
Operating temperature	0–50 °C	0–50 °C
Air humidity	10–90 % RH (non-condensing)	10–90 % RH (non-condensing)



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