



AGC-8100 AGC-8200 LINE

AUTOMATIC STATIONS FOR
AUTOMATIC TRANSMISSION SERVICE



DISCOVER ON **You Tube**
[YOUTUBE.COM/MKTGBRAINBEE](https://www.youtube.com/MKTGBRAINBEE)





AGC-8100 AGC-8200 LINE

REASONS FOR CHOOSING BRAIN BEE AGC

UNIVERSAL
ZERO CROSS CONTAMINATION
QUICK AND EASY TO USE
SPECIAL FUNCTIONS

A NEW MARKET OPPORTUNITY

The circulating fleet includes an increasingly higher number of vehicles equipped with AUTOMATIC TRANSMISSION, across all vehicle ranges. The system maintenance, which is required on average every 60.000 km, is a simple **service operation** provided you have the **appropriate equipment**.

ZERO CROSS-CONTAMINATION EXTREMELY SIMPLE

The transmission flush machine must ensure the charge of different types of ATF oils without contamination. A contamination with different oil will change the characteristics and quality of the oil compromising its functions, which are of primary importance in the gearbox operation.

The product line features an automatic procedure, called **ZERO CROSS CONTAMINATION**, which cleans the circuit **using just 1 liter of oil**, and prevents any cross-contamination between different ATF oils.

The **AGC** line can also be equipped with interchangeable **DEDICATED TANKS**, one for each ATF used in the workshop, and the quick coupler makes it very easy to change the tanks.

The **ADVANTAGES** are undeniable:

- 1. SAVES TIME** because emptying and cleaning the tank is no longer required
- 2. ZERO WASTE**, as you don't have to transfer the oil that was not used previously
- 3. EXTREME CONVENIENCE:** tank replacement just takes a few seconds

FULL VEHICLE FLEET COVERAGE

The **AGC** station was designed to change all the oil in the automatic transmission and clean the related circuit on all car models. It can also be equipped with a wide range of **ADAPTERS** that are specific to the transmission system that is fitted on a certain **MAKER-MODEL**.



STANDARD ADAPTERS KIT
AGC-8300

LEVEL 1 ADAPTERS KIT
AGC-8310



FULLY AUTOMATIC PROCEDURE

With the Brain Bee station, the service procedure is **SOFTWARE-ASSISTED** and **FULLY AUTOMATIC**.

At the beginning of the procedure, setting the following data is required:

- *AUTOMATIC GEARBOX OIL AMOUNT (FROM DATA BANK).*
- *EXTRA OIL FOR FLUSHING*
- *MINIMUM OIL TEMPERATURE TO START THE PROCEDURE*
- *DETERGENT ADDITIVE INJECTION*
- *PROTECTOR ADDITIVE INJECTION*
- *OIL PAN DISASSEMBLY (FOR FILTER REPLACEMENT)*

According to initial settings the station will perform the procedure in wizard mode with specific messages in case of manual operations to be performed (filter change; turn on / off the engine; etc.)

INTEGRATED DATABANK WITH IMAGES

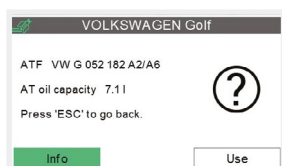
The **DATABASE** that comes with the station allows you to easily identify the adapter required to perform the operation.

AGC-8400 ON-BOARD DATA BANK^(*) provides complete instructions for the flushing operation:

- OIL TYPE
- VEHICLE MODEL/ GEARBOX TYPE
- OIL AMOUNT
- TIGHTENING TORQUES
- ADAPTERS TYPE
- SERVICE POINTS (oil drain; oil charge/oil level)

(*) OPTIONAL FOR AGC-8100

AGC-8410 ON-BOARD DATA BANK (OPTIONAL FOR AGC-8100 AND AGC-8200)



THE SPECIAL FUNCTIONS

The **DIPSTICK** function allows operating on "sealed" transmissions, where service can only be done through the oil refill hole.

If used in combination with the 12V POWER SUPPLY (car's battery), the station can be used even **without a car lift**.

BOOST function - in case of transmission equipped with low flowrate pump, **AGC-8200** automatically goes into BOOST mode, thus speeding up used ATF discharge

PRINTER

Provided as standard with **AGC-8200**, it can also be installed on **AGC-8100**

FOCUS ON SERVICE

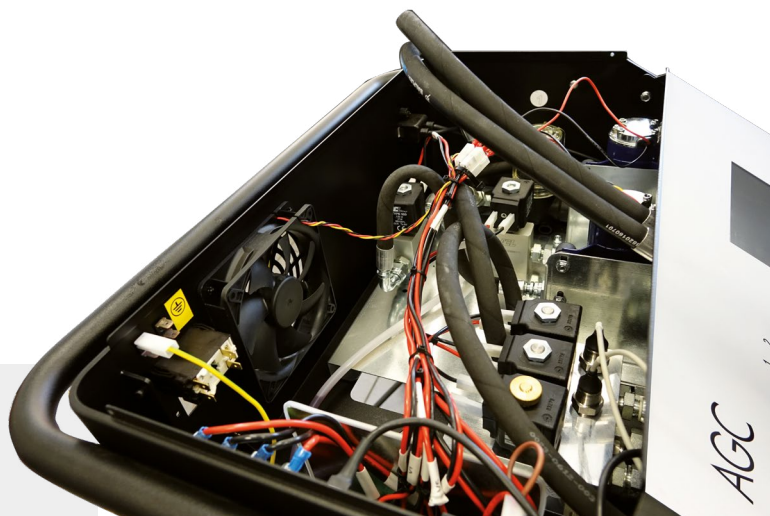
Special attention has been paid to the internal design of components to ensure quick and easy access in case of repair



ADVANCED ELECTRONICS

A set of measures controlled by advanced electronics ensures your work is completely safe, avoiding any damage whatsoever to the AUTOMATIC TRANSMISSION CIRCUITS:

1. **AUTOMATIC RECIRCULATION FUNCTION** preventing any overpressure-related damage
2. **AUTOMATIC FLOW DIRECTION DETECTION**, thanks to the pressure sensors
3. **AUTOMATIC ATF TEMPERATURE MEASUREMENT**, which allows for flushing to start automatically when used oil conditions are ideal
4. **DOUBLE PUMP** with PWM electronic pump flow control, adapting the flushing speed to the transmission characteristics

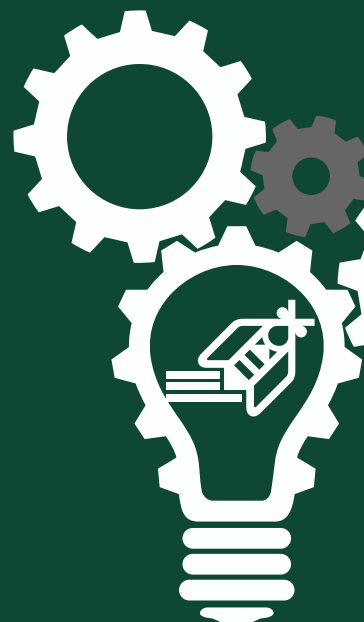


THE MAINTANCE OF AUTOMATIC TRANSMISSIONS IS ESSENTIAL

- as routine service required by car manufacturers
- to ensure top performance and extend the life of AT systems
- to solve many wear-related malfunctions

CONTACT BRAIN BEE SPECIALISTS

BRAIN BEE offers a specific specialization program on automatic transmissions' maintenance targeting qualified workshops.



AGC-8100 AGC-8200 LINE

TECHNICAL FEATURES

AGC-8100



AGC-8200



TANKS FOR NEW/USED OIL

CAPACITY

25 L
SCALE

25 L
SCALE

WEIGHT MEASUREMENT

ADDITIVES CONTAINERS

CAPACITY

-

500 ML

WEIGHT MEASUREMENT

-

SCALE

HYDRAULIC CIRCUIT

DELIVERY PUMP

10 L/MIN SINGLE-STAGE, GEAR PUMP

10 L/MIN SINGLE-STAGE, GEAR PUMP

BOOST PUMP

-

10 L/MIN SINGLE-STAGE, GEAR PUMP

CUBIC CAPACITY

3.6 CM³

3.6 CM³

NEW OIL FILTER

FILTER

STAINLESS STEEL MESH

STAINLESS STEEL MESH

SIZE

150 µm

150 µm

RATED PRESSURE

10 BAR

10 BAR

HYDRAULIC FITTINGS

NET LENGTH OF SERVICE HOSES¹ AND 2

3 M

3 M

LENGTH OF USED OIL DRAIN HOSE

-

1.5M

USER INTERFACE

DISPLAY

LCD 4.3"

LCD 4.3"

KEYPAD

MEMBRANE

MEMBRANE

SOFTWARE UPDATING

USB TYPE-A WITH USB 2.0 KEY

USB TYPE-A WITH USB 2.0 KEY

USB TYPE-B WITH DIRECT CONNECTION TO PC.

USB TYPE-B WITH DIRECT CONNECTION TO PC.

FUNCTIONS AND FEATURES

AUTOMATIC CYCLE

AUTOMATIC

AUTOMATIC

FLUSHING - CHARGE ONLY

MANUAL

MANUAL

FLUSHING - DISCHARGE ONLY

MANUAL

MANUAL

AT FLUSHING

MANUAL

MANUAL

HOSE-CLEANING

AUTOMATIC

AUTOMATIC

USED OIL TANK EMPTYING

MANUAL

MANUAL

DIMENSIONS

L X P X H

1200 X 750 X 750 MM

1200 X 750 X 750 MM

LOADLESS WEIGHT

APPROX. 65 KG

APPROX. 65 KG

POWER SUPPLY

FREQUENCY

50-60 HZ

50-60 HZ

VOLTAGE

230/240 VAC

230/240 VAC

POWER

500 W

500 W

OVERCURRENT PROTECTION CIRCUIT WITH

RESETTABLE SWITCH

12A

12A

INSTALLATION CATEGORY

II

II

ENVIRONMENTAL CONDITIONS

OPERATING TEMPERATURE

0-50°C

0-50°C

HUMIDITY

10-90% R.H. (NON CONDENSING)

10-90% R.H. (NON CONDENSING)



DRAIN GRID FOR OIL PAN

SUPPORTS FOR HOSES
STORAGE



QUICK COUPLERS
FOR ATF TANKS

ADDITIVE CONTAINER
(500 ML) - AGC-8200 ONLY

INTERCHANGEABLE TANK
FOR NEW ATF

