

Operating Manual

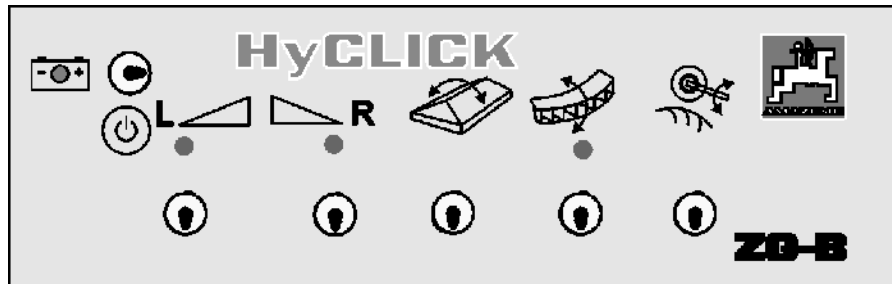
AMAZONE

HyCLICK

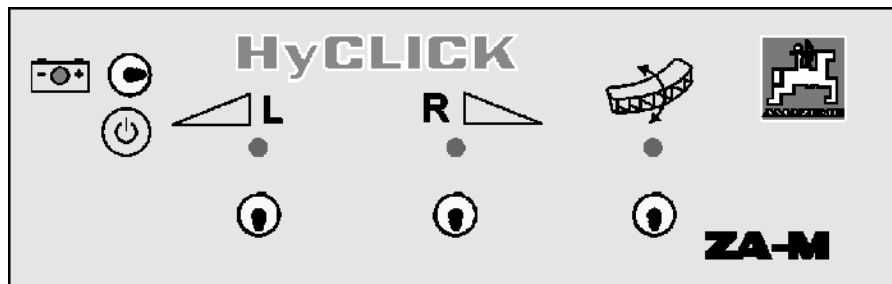
Preselection for fertiliser spreaders

ZA-M and **ZG-B**

ZG-B



ZA-M



MG3713
BAG0077.2 03.10
Printed in Germany



Please read this operating
manual before first
commissioning.
Keep it in a safe place
for future use.

en



Reading the instruction

Manual and following it should seem to be inconvenient and superfluous as it is not enough to hear from others and to realize that a machine is good, to buy it and to believe that now everything should work by itself. The person in question would not only harm himself but also make the mistake of blaming the machine for possible failures instead of himself. In order to ensure success one should enter the mind of a thing, make himself familiar with every part of the machine and get acquainted with how it's handled. Only in this way could you be satisfied both with the machine and with yourself. This goal is the purpose of this instruction manual.

Leipzig-Plagwitz 1872. Rud. Sark.

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1 User Information

The User Information section provides information on use of the operating manual.

1.1 Purpose of the document

This operating manual

- Describes the operation and maintenance of the machine.
- Provides important information on safe and efficient handling of the machine.
- Is a component part of the machine and should always be kept with the machine or the traction vehicle.
- Keep it in a safe place for future use.

1.2 Locations in the operating manual

All the directions specified in the operating manual are always seen from the direction of travel.

1.3 Diagrams used

Operator control action and responses

Actions to be carried out by the operator are given as a numbered list. It is important that the sequence of steps is observed. The responses for each operator control action are given by an arrow. Example:

1. Operator control action step 1
→ Machine response to operator control action 1
2. Operator control action step 2

Lists

Lists without an essential order are shown as a list with bullets. Example:

- Point 1
- Point 2

Number items in diagrams

Numbers in round brackets refer to items in diagrams. The first number refers to the diagram and the second number to the item in the figure.

Example: (Fig. 3/6)

Figure 3

Item 6

2 General safety instructions

2.1 Representation of safety symbols

Safety instructions are indicated by the triangular safety symbol and the highlighted signal word. The signal word (DANGER, WARNING, CAUTION) describes the gravity of the risk and has the following significance:



DANGER

Indicates an immediate high risk which will result in death or serious physical injury (loss of body parts or long term damage) if not avoided.

If the instructions are not followed, then this will result in immediate death or serious physical injury.



WARNING

Indicates a medium risk, which could result in death or (serious) physical injury if not avoided.

If the instructions are not followed, then this may result in death or serious physical injury.



CAUTION

Indicates a low risk which could cause minor or medium level physical injury or damage to property if not avoided.



IMPORTANT

Indicates an obligation to special behaviour or an activity required for proper machine handling.

Non-compliance with these instructions can cause faults on the machine or in the environment.



NOTE

Indicates handling tips and particularly useful information.

These instructions will help you to use all the functions of your machine to the optimum.

3 Product description

3.1 Overview

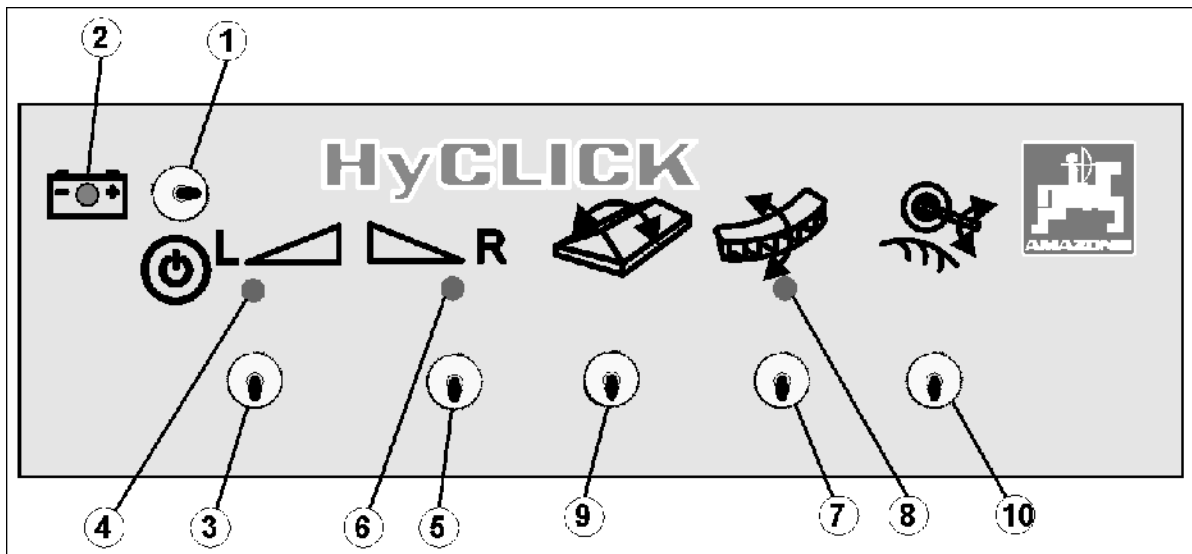


Fig. 1

- (1) **HyCLICK** toggle switch on / off
- (2) **HyCLICK** display on / off
- (3) Toggle switch for left shutter
- (4) Display left shutter open
- (5) Toggle switch for right shutter
- (6) Display right shutter open
- (7) Toggle switch for limiter
- (8) Display limiter in operational position
- (9) Toggle switch for hopper cover (only ZG-B)
- (10) Toggle switch for ground wheel drive (only ZG-B)



Depending on the equipment of the machine, not every preselection on the **HyCLICK** is fully functional.

3.2 Intended use

The **HyCLICK** control box

- is intended as a display and operating device for **AMAZONE ZA-M** and **ZG-B** fertiliser spreaders.

The intended use also includes:

- Compliance with all the instructions in this operating manual.
- Execution of inspection and maintenance work.
- Exclusive use of original **AMAZONE** spare parts.

Other uses beyond those specified above are forbidden and shall be considered as improper.

For any damage resulting from improper use:

- the operator bears the sole responsibility,
- AMAZONEN-WERKE accepts no liability.

3.3 Conformity

	Directives / standards
The machine fulfils the:	<ul style="list-style-type: none">• Machines directive 2006/42/EC• EMC directive 2004/108/EC

4 Structure and function

The **HyCLICK** serves to preselect hydraulic functions that are carried out by actuating a tractor control unit.

- A function is preselected by actuating the respective toggle switch.
- One or several functions can be preselected.
- The preselected function is carried out hydraulically via the tractor control unit.
- The hydraulic execution of a preselected function is indicated by a light (if fitted).
- Switch off the **HyCLICK** after use of the fertiliser spreader.

4.1 Functions of the **HyCLICK** for **ZA-M**

- Preselection of left shutter L
- Preselection of right shutter R
- Preselection of limiter

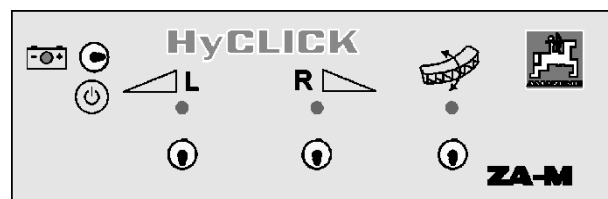


Fig. 2

4.2 Functions of the **HyCLICK** for **ZG-B**

- Preselection of left shutter
- Preselection of right shutter
- Preselection of limiter
- Preselection of hopper cover
- Preselection of ground wheel drive

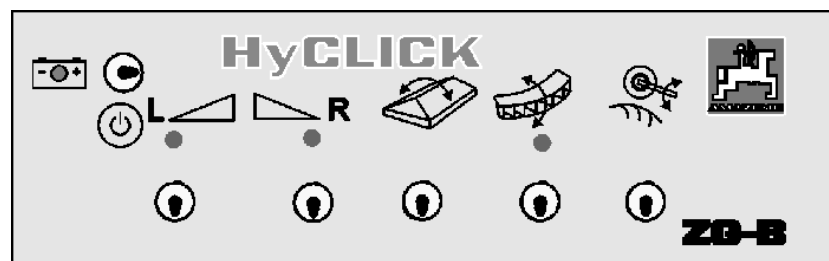


Fig. 3

4.3 Preselection via toggle switch

- (1) Function blocked.
- (2) Function released.
- (3) Function released and carried out hydraulically (operational position).
- (4) Function blocked, but still carried out hydraulically (operational position).



Light indicator on.



Light indicator off.

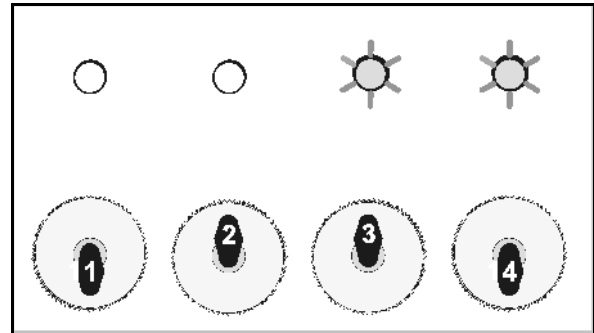


Fig. 4



The light indicator is available only for functions monitored by a sensor.

4.4 HyCLICK with AMATRON⁺ or AMADOS⁺



The position sensors of the shutters and of the limiter for the **ZA-M** with **AMATRON⁺** or **AMADOS⁺** must be connected at the operator control terminal.

For this reason, the light displays on the **HyCLICK** do not function.



CAUTION

When connecting the **HyCLICK** and **AMATRON⁺** make sure that the connectors for the cable harnesses are not interchanged.

The connector for the **AMATRON⁺** has a red marking.

5 Commissioning



DANGER

Before operating the machine for the first time the operator must have read and understood the operating manual.

1. Couple the two hydraulic hose lines to a double-acting tractor control unit.
2. Connect the **HyCLICK** operating device (Fig. 5).
 - Connect the cable harness connector.
 - Connect the power supply in the tractor cabin.

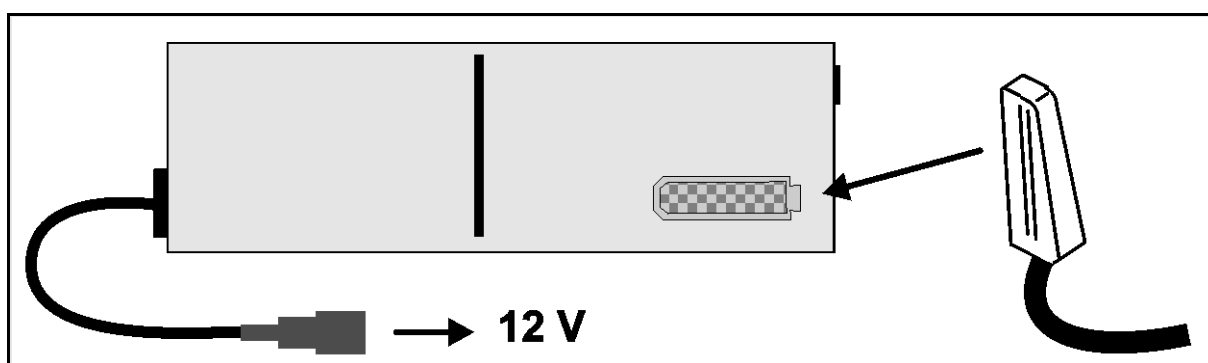


Fig. 5

6 Use of the **HYCLICK**



DANGER

During use, follow the instructions in the fertiliser spreader operating manual.

1. Switch on the **HyCLICK**.
2. Make the preselection for the desired function / functions.
→ Actuate the toggle switch.
3. Operate the tractor control unit.
→ Function is carried out.
→ Light indicator goes on (if fitted).
4. Operate the tractor control unit.
→ Function is interrupted.
→ Light indicator goes off (if fitted).
5. After use, switch off the **HyCLICK**.



WARNING

Danger from unintentionally carried out hydraulic functions.

Pay particular attention to the correct position of the toggle switches before you carry out hydraulic functions via the tractor control unit.



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