

This operating instruction is a quick start guide and an excerpt of the Cargo Floor moving floor **user manual** that is supplied with each system as a standard. Be aware that you should have knowledge of the content of the **user manual**. You can always find the latest version of it in various languages on the official Cargo Floor B.V. website: [www.cargofloor.com](http://www.cargofloor.com).

**TABLE OF CONTENTS**

**General** ..... **1**

    Important recommendations and guidelines ..... 2

    Health and safety short list ..... 5

    Emergency stop ..... 5

    Start up check list before operation (unloading / loading) ..... 5

    How to check the chosen loading/unloading function ..... 6

    Maintenance instructions ..... 7

**A-control** ..... **8**

    Control valve ..... 8

    Loading – unloading function ..... 8

**B-Control** ..... **9**

    Control valve ..... 9

    Loading – unloading function ..... 9

    Function of B-control Switches ..... 10

    Manual override ..... 12

**E-control** ..... **13**

    Control valve ..... 13

    Function of E-control switches ..... 14

    Manual override ..... 16

**Troubleshooting** ..... **17**

**Contact data** ..... **17**



Cargo Floor drive system  
**A or B control**  
**(manual handle)**

**Remark:**

For countries with **Right Hand Drive (RHD)** the controls can be positioned on the **right side** of the trailer.

### **IMPORTANT RECOMMENDATIONS AND GUIDELINES**

Before putting the Cargo Floor loading and unloading system into operation, follow the recommendations provided below and check the specified checkpoints to avoid damage to the Cargo Floor system and the vehicle.

Please review the important instructions before operating the Cargo Floor system and loading cargo into the vehicle. Likewise, before loading cargo, check the operation of the various control switches/valves to familiarise yourself with how the system works. We strongly recommend that you perform these checks when picking up the vehicle from the dealer so that your skilled supplier can answer your questions and provide you with any necessary advice or guidance you may require.

#### **Important:**

- Always check that the selected loading or unloading direction is actually activated and occurring!!
- If the system fails to start, turn off the Cargo Floor system and the hydraulic pump and follow the recommendations and guidelines provided below. Do not repeatedly try to start the system as this may result in damage to your Cargo Floor system and/or vehicle.
- After use, turn off the Cargo Floor system and hydraulic pump. Set switches to the "0" position and the lever in neutral.

In case of doubt or uncertainty about these recommendations and guidelines, always contact your dealer or an official workshop.

The Cargo Floor system comes standard with an operating manual, but if this has not been supplied, please contact your dealer or download it from the official Cargo Floor website: [www.cargofloor.com](http://www.cargofloor.com), download.

- A) Always open the vehicle's doors before turning on the hydraulic pump. Note! Build-up of pressure against the doors can open them with force. Also some of the cargo can fall out of the vehicle by itself after opening the doors, therefore **KEEP CLEAR AT ALL TIMES**, product could fall on top of you! Both could result in damages and/or injuries! It is always advisable to use the pneumatic door lock, if provided.
- B) 1. Check that the vehicle's (quick-detachable) couplings are properly connected to the P (Pressure line) and the T (tank/return line). Also check that the couplings are fully tightened or slid completely into each other.  
**IMPORTANT: the pressure and return line connectors may not be reversed or exchanged to prevent dirt or water from entering the lines when connecting them!**  
2. Before connecting, check that the non-return valves can open easily (check: the non-return valves should open easily when pressed with the finger, if not, potential pressure build-up in the hydraulic lines may be preventing the system from starting).  
NOTE: Incorrectly connected or unopened hydraulic couplings will cause serious damage to the Cargo Floor system and the vehicle.
- C) The vehicle (pump) must be fitted with a pressure relief valve that is set at the maximum pressure according to the system, see the technical specs. If fitted, check that the dual-function lever (function: tipper/Cargo Floor) is in the Cargo Floor position. Pressure may not exceed the maximum adjusted and allowable operating pressure of the Cargo Floor system. An incorrectly adjusted pressure relief valve can cause damage to the Cargo Floor system and the vehicle.
- D) During operation, the (hand)brake of the vehicle must always be applied. You must, however, move the vehicle forward on time to unload it quickly in order to prevent unnecessary strain and wear to the floor and the vehicle.
- E) Use of a wireless remote control is permitted only if it is fully tested before the start of each loading or unloading operation. Always check if the function you have selected is actually activated and taking place. If, for example, you have accidentally pressed the load function when you actually meant to press the unload function, irreversible damage may occur to the Cargo Floor system and the vehicle.
- F) During operation of the Cargo Floor system, all existing STOP and control knobs/levers must be freely accessible.

- G) The pressure filter element needs to be replaced at least once a year. If the couplings between the vehicle and the Cargo Floor system are regularly removed, it is advisable to check the pressure filter for dirt build-up and replace the pressure filter element more often, if necessary. If provided, also check the return filter (not supplied with the Cargo Floor). Failure to replace a filter element on time may cause damage to or malfunctions in the Cargo Floor system and the vehicle.
- H) Moving parts must be shielded. Always maintain at least 10 meter [30'] distance from the Cargo Floor system when it is in operation.
- I) In the event of malfunctions/maintenance work, you may approach the Cargo Floor system only if all equipment, including the hydraulic pump, have been shut off, and the Cargo Floor system and the electro-hydraulic aggregate have been disconnected from the power supply and pump.
- J) Regularly check and, if necessary, tighten any loose bolts that secure the aluminium floor profiles to the Cargo Floor system. All such checks can simply be performed inside the vehicle itself by qualified personnel. The Cargo Floor system must, however, be turned on in unloaded condition and the person performing the check must place his finger half on the floor profile and half on the bolt. There should be no appreciable movement/space between the floor profile and bolt. Failure to check these bolts may lead to damage to the Cargo Floor system. During this check, a second person must also be present to switch off the Cargo Floor system.
- K) Check that the minimum required amount of oil is present 150 liter [40 US gallon]. Too little oil in the hydraulic tank will cause damage to both the pump and the Cargo Floor system.
- L) Do not allow the number of strokes to exceed the maximum allowable 16 power strokes per minute. Only a CF500 SLC Power Speed Cargo Floor system may deliver up to 23 beats per minute. A higher number of power strokes can cause damage to the Cargo Floor system and the vehicle.
- M) Hydraulic lines, couplings and hoses with very small diameters will cause damage.
- N) If the Cargo Floor system fails to start or operates incorrectly, the Cargo Floor system and the hydraulic pump must be shut down immediately. Subsequently, check all the checkpoints before switching the pump and the Cargo Floor system back on. To prevent the oil from overheating, regularly check the oil temperature by CAREFULLY and CAUTIOUSLY touching the line and or oil tank. If either is too hot to the touch, stop touching them right away. **WARNING: TOUCHING OVERHEATED OIL AND COMPONENTS CAN CAUSE BURNS!**
- O) The cause of failure or malfunctioning of the Cargo Floor system may also be due to other hydraulic components that may or may not be connected to the same hydraulic circuit of the Cargo Floor system.
- P) Jamming of the floor profiles caused by the transport of abnormal loads and or the freezing of the floor or of the product to the floor may result in damage to the Cargo Floor system and the vehicle. Recommendation: in the event of freezing, stop the system and try to find a hall (heated area) to allow the product to thaw.
- Q) Because the electrical power supply of the Cargo Floor system is often connected to the lighting circuit of the vehicle, it is advisable to turn on the lighting throughout the operation of the system.
- R) Maintenance and repairs to the Cargo Floor system may be only performed by qualified personnel. Use only original Cargo Floor components to ensure maximum reliability and long service life.
- S) Maximum cargo weight is subject to the limits set by law and applicable regulations. Even if the system can transport heavier loads, the law determines the maximum limit. Excessively heavy cargo can cause damage to the Cargo Floor system and the vehicle.
- T) Check that the correct type and quality of hydraulic oil is used. The use of incorrect oil type may cause damage to the Cargo Floor system and the pump.
- U) Check the vehicle for correct voltage. Make sure there are no open electrical connections. A faulty electrical system can cause damage to the Cargo Floor system and the vehicle.
- V) Check that the bulkhead, if present, is functioning smoothly and properly. A properly functioning bulkhead ensures that the product is unloaded in a clean and quick fashion. A malfunctioning bulkhead may extend the unloading time and cause damage to the vehicle.
- W) Use of the Cargo Floor system by unqualified personnel can cause damage to the Cargo Floor system and the vehicle.
- X) Excessively high oil temperatures will cause damage to the Cargo Floor system and other hydraulic components, such as the pump.

- Y) It is at all times advisable to stop the Cargo Floor system when all the piston rods are retracted. This is usually the case when the floor profiles are positioned towards the unloading end (vehicle doors). Unretracted piston rods may cause damage to the Cargo Floor system.
- Z) To prevent damage to the floor profiles, exercise caution and limit the dump height as much as possible. The transport of unauthorised goods, such as aggressive, corrosive, hot, hard, sharp and viscous materials may cause damage to the Cargo Floor system and the vehicle. Avoid loading and unloading sharp objects. Loads that are softer than the hardness of the floor profiles will extend the service life of your system; if in doubt, use a protective cloth or consult your dealer.
- AA) Forklift trafficable. In principle, the floors are completely trafficable and can be driven over by forklifts, but always consult your dealer for advice on the maximum loads allowed on your vehicle. Overloading will cause damage to the Cargo Floor system and the vehicle.
- BB) Always return emergency control(s) to their original non-activated position after use.
- CC) During the operation of the system, test the temperature of the oil by touching the side of the tank. If the oil is so hot that you cannot continue to touch the tank, switch off the pump to allow the oil to cool off and determine what is causing the overheating. Stop loading or unloading if the oil is too hot, as this will irreversibly cause damage to the Cargo Floor system and the other hydraulic components.  
**WARNING: TOUCHING OVERHEATED OIL AND COMPONENTS CAN CAUSE BURNS AND INJURIES!**  
Option: your Cargo Floor system could be equipped with an oil temperature safety switch which will switch off the system automatically when it starts to overheat.
- DD) During loading and unloading operations, the load should be spread to give an even weight distribution over the floor area, otherwise the load may stall. Tip: when transporting pallets, place softwood boards of 300 x 18 x 2350 mm. [12" x 0.75" x 92.5"] to distribute the pressure more evenly.
- EE) The constant pressing of the load against the head board or the doors can lead to extra wear of the complete system. Also the construction can be damaged. Please consult your supplier about the optimizing possibilities or in order to prevent problems occurring.
- FF) The user/operator/driver that is operating the Cargo Floor system is compelled to remain a safe distance from the Cargo Floor system at all times, from the time of switching on the hydraulic pump until turning it off. He should ensure that no dangerous situations can occur. When the process malfunctions or if other people are present he should shut down the Cargo Floor system, or hydraulic pump, immediately.
- GG) No unauthorized alterations/modifications/changes/adjustments may be made to any part of the Cargo Floor drive unit and system.

### **WARRANTY**

Warranty is subject to prior approval by Cargo Floor B.V.! To request warranty coverage, visit [www.cargofloor.com](http://www.cargofloor.com) to fill out and submit the warranty application form provided there; do not forget to include your Cargo Floor system number on the form.

**HEALTH AND SAFETY SHORT LIST**

1. During operation, the (hand)brake of the vehicle must always be applied.
2. Check surroundings, at all times, that no persons, animals or objects are in the direct vicinity of the vehicle.
3. Caution when opening the doors. There could be backpressure from the product to the doors which could force the doors to open themselves and injure you, also product could fall on top of you!
4. Do not stand behind the trailer or in the discharge area when the floor is operating
5. Do not make adjustments to the unloading mechanism with the floor operating
6. Do not operate system when protective covers and screens are not in place
7. Do not go underneath the trailer when floor is operating
8. Do not leave the trailer unattended while the Cargo Floor system is in operation
9. Do not hold the conduits these can be hot
10. Disengage the trailer from the PTO hydraulic power unit before service and maintenance
11. Stay away from any oil leaks when hydraulic pressure is high
12. Turn off the PTO hydraulic power unit before moving the trailer
13. Keep clear at all times.

**EMERGENCY STOP**

In the event of an **EMERGENCY**, operation of the Cargo Floor system can be halted as follows:

- By pressing the red stop button on one of the control switches;
- By turning all switches to position "0";
- By putting the handle of the control valve in the middle "0" position (only B and A control);
- Turning off the PTO pump/engine;
- Turning off the main switch of the power supply;
- Turning off the motor of the electro-hydraulic aggregate;

**START UP CHECK LIST BEFORE OPERATION (UNLOADING / LOADING)**

1. Check surroundings, at all times, that no persons, animals or objects are in the direct vicinity of the vehicle.
2. Open doors first.  
CAUTION when opening the doors. There could be backpressure from the product to the doors which could force the doors to open themselves and injure you, also product could fall on top of you!
3. Check if hydraulic hoses/couplings are connected correctly and firmly (pressure and return).
4. Turn on the lights of the trailer
5. Check your type of operation: A, B or E? Make sure that all operation controls are in the non-activated 0 position.
6. Turn on the pump
7. Determine/choose your required operation: unloading or loading. CAUTION check immediately if your required operation is working correctly. The loading / unloading direction is determined when all the profiles move in one direction together. (Unloading: toward the doors / loading: toward the head board/truck.)
8. During unloading it might be necessary to move the vehicle forward to achieve a faster and cleaner unloading.

Remarks!

- Make sure that your unloading / loading spot is long/large enough to move your complete vehicle its full length forward.
- The (hand)brake of the vehicle must always be applied.



**HOW TO CHECK THE CHOSEN LOADING/UNLOADING FUNCTION****UNLOADING**

**The complete surface** of the floor moves simultaneously towards the open rear doors of the trailer.  
The 3 individual movements go the opposite way (towards the front headboard of the trailer).

**LOADING**

**The complete surface** of the floor moves simultaneously towards the front headboard of the trailer (direction of the truck).

The 3 individual movements go the opposite way (towards the open rear doors of the trailer).



## **MAINTENANCE INSTRUCTIONS**

When works require turning on the floor you should take care of that the floor can be shut down immediately at any time. Places where clamping/clasping of body parts is possible may not be approached when the system is moving.

For more detailed explanation of the execution of the works we would like to refer you to our website: [www.cargofloor.com](http://www.cargofloor.com), after sales, guarantee.

### Check for the end user / owner after receipt of the new Cargo Floor trailer

Check a couple of days after receipt of the new trailer and / or after 10 loads / unloads and after one month the connection between the aluminium floor profiles and the Cargo Floor system. You do this by placing your finger half on the screw and half on the floor profile when the floor is operating.

**Important:** if you feel a difference in movement between the screw and the floor profile it means the floor profile is not fastened enough. The screw connection of the whole profile group this concerns needs to be renewed with new screws in accordance to the fastenings guidelines mentioned in the assembly instructions (see [www.cargofloor.com](http://www.cargofloor.com), downloads). Also the countersunk hole needs to be cleaned properly. Do not check the screw connections with the help of an Allen key and do not simply just tighten the screws, the Loctite connection will be broken.

Specifications of the screws:

M12 x 30 countersunk screws with hexagon socket, class 10.9, galvanized. DIN 7991 (dacromet). The torque is 100 – 140 Nm [72 – 105 lbf.ft.]

### Regular checks and preventive maintenance:

To ensure that your Cargo Floor system operates reliably and has a long life, it is important that you regularly perform careful checks on the following aspects:

- Replace the filter element every year, or more often if needed
- Change the oil every 2 years, or more frequently if required;
- The level of oil in the tank. See for oil levels and the oil specifications the wet kit information
- Floor profiles: are they still fixed, replace screws if necessary!
- Check the guide blocks for the 3 piston rods for wear
- Check the coupling nuts and couplings of all hydraulic components, and adjust if necessary!
- Oil tank: by taking the lid off the tank, you can remove any remains (condensation, dirt etc.) from the bottom.
- Return-/pressure filter: by removing the filter lid/chamber you can check the filter element, or after about one year replace it.
- Check the seal between the two fixated floor profiles and the moving profiles. If a margin exists in-between, then adjust the fixated floor profiles, in order for the sealing to be optimal and leakage via the side walls is prevented.

This is all necessary to avoid internal wear (of the pump/cylinders etc., for example).

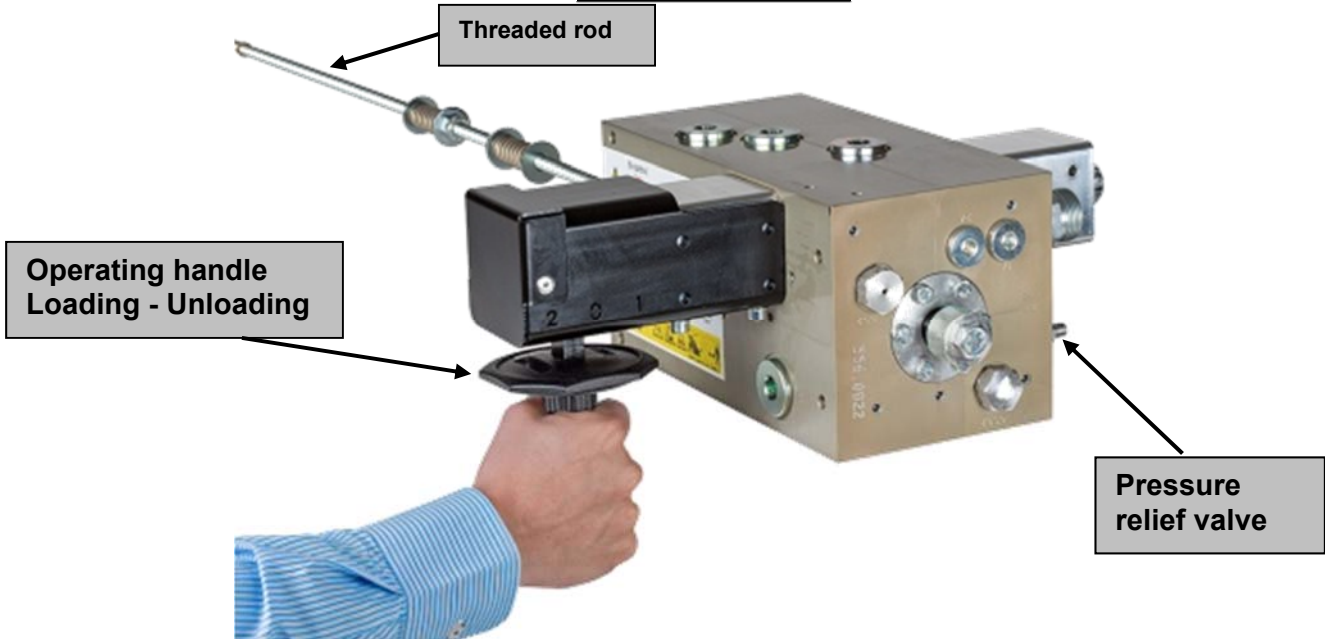
New filter parts are available at your system builder. For the right type we refer you to our “exploded views” which you can find on our website: [www.cargofloor.com](http://www.cargofloor.com), downloads.

We want to emphasize that the minimal costs of replacing dirty parts or oil do not match the costs and discomfort that can arise.

**A-CONTROL**

Control with loading / stop / unloading over a manual handle, with unique "S" detent mechanism in order to determine loading/stop/unloading position. Non electrical.

**CONTROL VALVE**



Systems fitted with A-control do not include any electrical operation. The system will begin to move depending on the position of the operation handle on the control valve. The handle should be positioned, before and after using the Cargo Floor, in the position stop (0) if the handle is in the position 1 or 2 the system immediately starts to move when the pump/ PTO is activated.

**LOADING – UNLOADING FUNCTION**

**PRECHECK!**

**BE CAREFUL: when starting the pump/pto the floor could start moving immediately!**



In certain configurations the functions can be different from the standard situation as described below. It is therefore very important to always test your configuration first without a load. After use always return the controls to the non-activated 0 position.

The position of the handle:

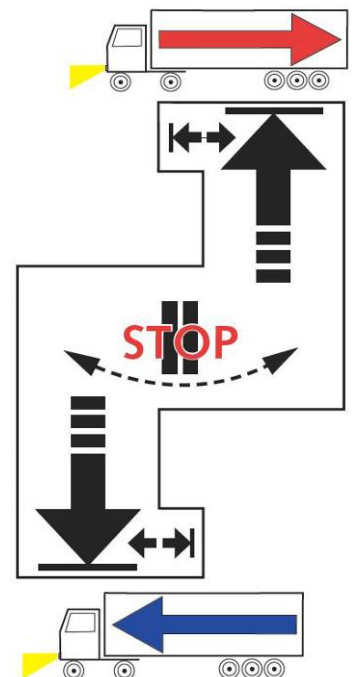
**1** handle pushed in;  
floor will unload



**0** handle in the middle position;  
floor stops



**2** handle pulled out;  
floor will load



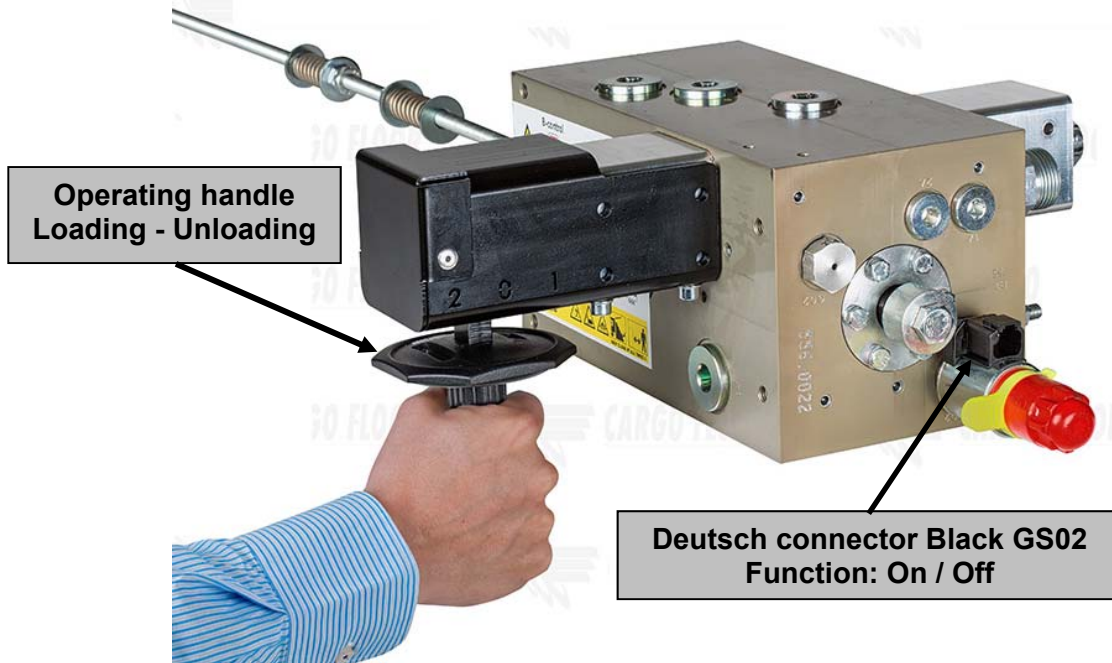


### B-CONTROL

Control with loading / stop / unloading with a manual handle, with unique "S" detent mechanism in order to determine loading / stop / unloading position. On / off switching with a switch.

As a standard provided with a manual override by means of a unique red "Cargo" rotary switch.

### CONTROL VALVE



### LOADING – UNLOADING FUNCTION

#### **PRECHECK!**

**BE CAREFUL: when starting the pump/pto the floor could start moving immediately!**



In certain configurations the functions can be different from the standard situation as described below. It is therefore very important to always test your configuration first without a load.

After use always return the controls to the non-activated 0 position.

The position of the handle:

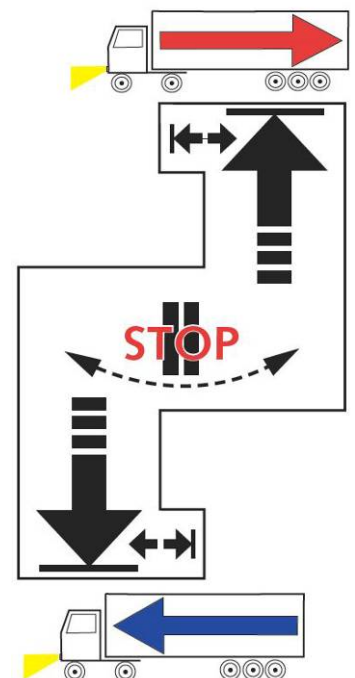
**1** handle pushed in;  
floor will unload



**0** handle in the middle position;  
floor stops



**2** handle pulled out;  
floor will load



## FUNCTION OF B-CONTROL SWITCHES

### CF 4 SWITCH (MAIN CONTROL)

The standard supplied remote control CF4, with 10 meter [30'] of cable, is used for the day-to-day control of the system. After you have manually put the handle in the loading / unloading function, the moving floor system can be turned on / off by using the electrical switch.

The CF4 switch has the following functions:

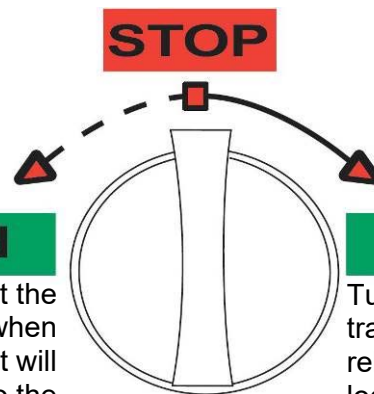
#### **Red STOP button**

Push in for an immediate STOP.  
Deactivate by turning.



**Rotary switch**

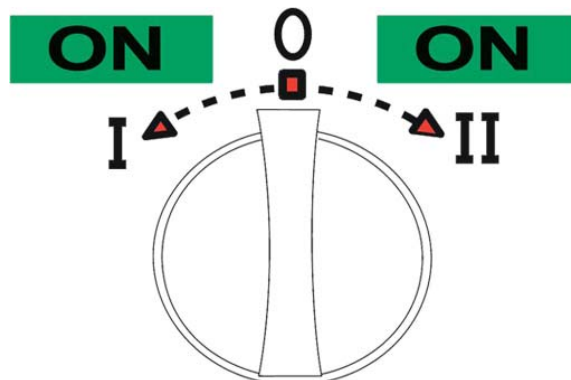
Turn left, it will start the transport floor and when released it will automatically return to the stop position



Turn right, it will start the transport floor and when released it stays locked.

### CF3 SWITCH

The CF3 switch is the permanent switch which is mounted in the control box and has 3 switch positions with the following functions:



When turned left or right, it will start the floor and when released it will automatically return to the 0 position

## OPTIONAL

A radio controlled remote control is available as an option. This incorporates:

### APP RECEIVER

The receiver has a connection cable with a 4P plug (X) for the Cargo Floor moving floor system. This plug fits into the 4P socket CF3 / CF7. If the plug is plugged in or the power supply is turned on, this will be indicated by both green led's (Y) shortly lighting up. When operating the transmitter and when switching on the function loading or unloading the corresponding led will light up. The CAN bus (Z) plug with blind lid should not be connected.



### REMOTE CONTROL (CF TX) TRANSMITTER

The transmitter has been equipped with Bluetooth which has a very stable wireless connection and a low battery (power) use. The transmitter has a rechargeable battery that can be charged using the micro-USB socket 6. When fully charged the stand by time will be about 15-30 days. The transmitter has button lighting which will automatically switch on when the light starts to fade (**sensor 3**). When using the buttons, a bleep can be heard.

Do not put the transmitter in your pocket in order to avoid unwanted operation of the system and battery drain.

#### Switching the transmitter on or off

Turn the transmitter on by pressing button A for 2 seconds. The transmitter will automatically switch off after 45 minutes. The transmitter can be turned off by hand by pressing button C (stop) for 5 seconds.



#### Loading and unloading with the transmitter

**Button A (loading)** By pressing this button, the system will turn on, releasing it the system will stop.

**Button B (unloading)** By pressing this button, the system will turn on. By pressing it again the system will stop (or you press **button C stop**).

**Button C (stop)** This button stops the Cargo Floor system.

#### The transmitters battery

The transmitter has a chargeable Lithium's polymers battery 750mAh.

**LED 5** of the transmitter will give information on the battery status.

- Battery level is below 15%, the LED flashes 1x per second
- Battery level is below 10%, the LED flashes 2x per second
- Battery level is below 5%, the LED flashes 3 times per second

#### Charging the battery

Plug the USB-connector of the micro-USB cable into the 110/220V charger or into the USB car charger 12/24V.

Transmitter: open lid 7 and plug the micro-plug of the USB cable into socket 6. If the battery is charging led 5 will be lit, it will switch off when the battery is fully charged and the transmitter will indicate with a beep that the battery has been fully charged. Unplug the micro connector. In order to assure a good resistance against moist and prevent pollution, put back lid 7 into the transmitter after charging.

**MANUAL OVERRIDE**

In the event of a malfunction in the electrical system the electric valve can still be operated by activating the manual override fitted for that purpose.

**MAKE SURE THAT THE DOORS ARE OPEN!**

When using this manual override you must always ensure that it is after use always deactivated to the original non-activated position.

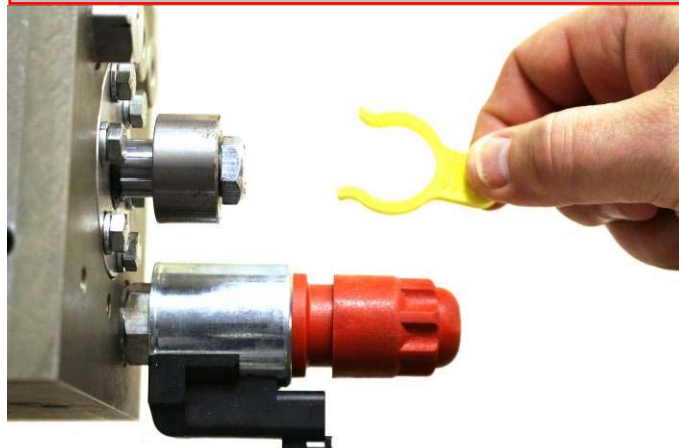
**Activation of the manual override: ON**

Remove the yellow security clip and turn in (clockwise) the red button on top of the on/off GS02 solenoid till the stop. The system will switch “on” when the operation handle is in the load or unload position.

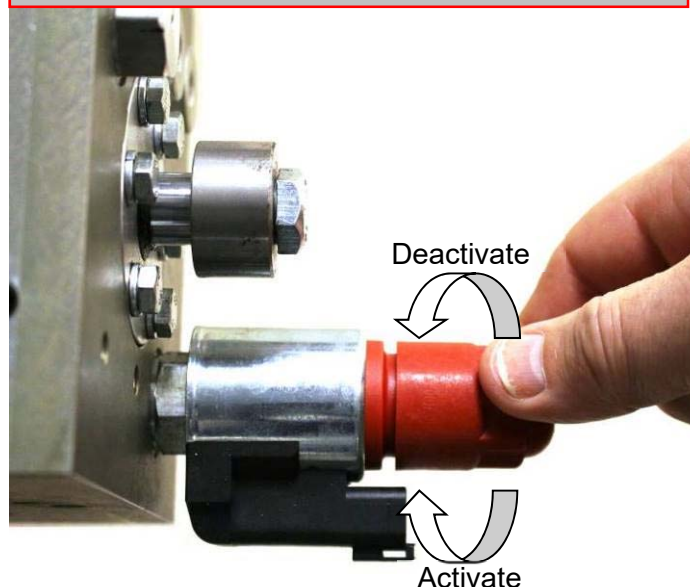
**Deactivation of the emergency controls: ON**

Turn out (counter clockwise) the red button on top of the GS02 solenoid until the click and place back the yellow security clip. The system switches “off”.

**On / off solenoid/coil  
Not activated**



**On / off solenoid/coil  
Manually activated**

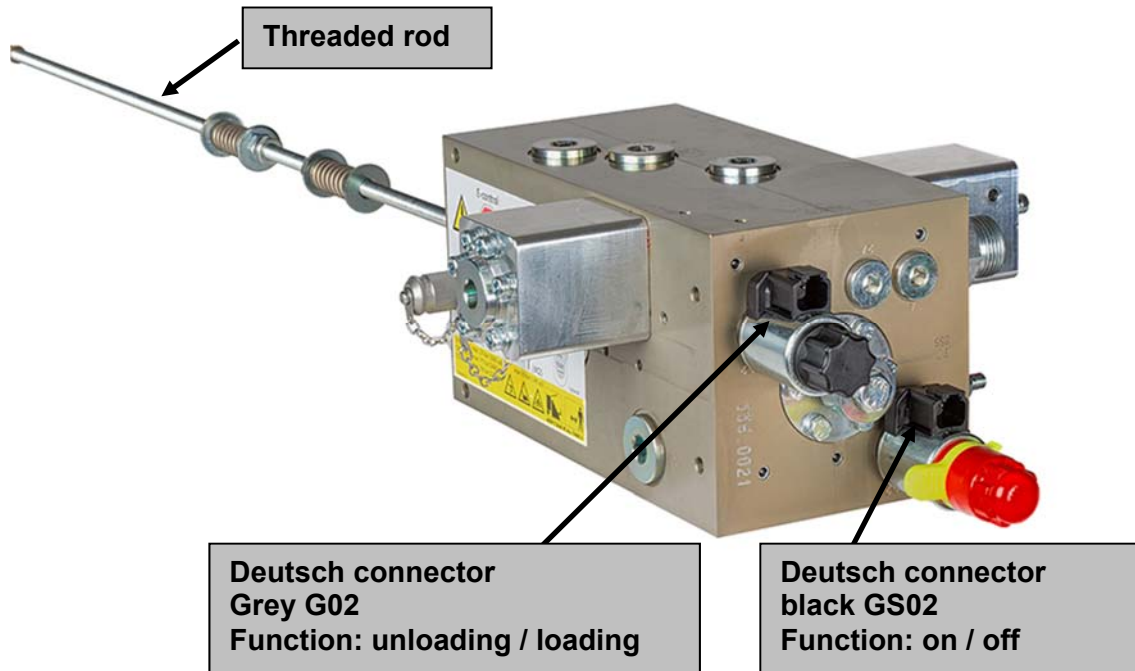




**E-CONTROL**

Control with loading / stop / unloading over a switch. As a standard provided with a manual override by means of a unique red “Cargo” rotary switch.

**CONTROL VALVE**



## FUNCTION OF E-CONTROL SWITCHES

### PRECHECK!



### **BE CAREFUL: when starting the pump/pto the floor could start moving immediately!**

In certain configurations the functions can be different from the standard situation as described below. It is therefore very important to always test your configuration first without a load. After use always return the controls to the non-activated 0 position.

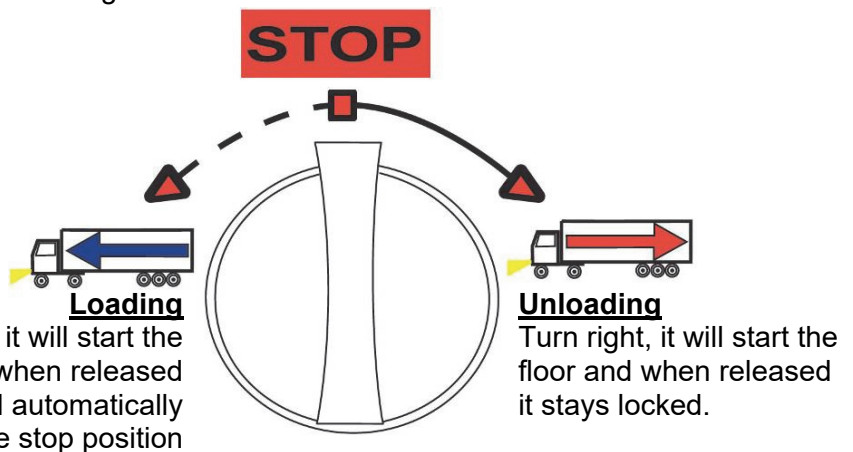
### CF8 SWITCH (MAIN CONTROL)

The standard supplied remote control CF8, with 10 meter [30'] of cable, is used for the day-to-day control of the system. The CF8 switch is fitted with the following functions:

#### **Red button**

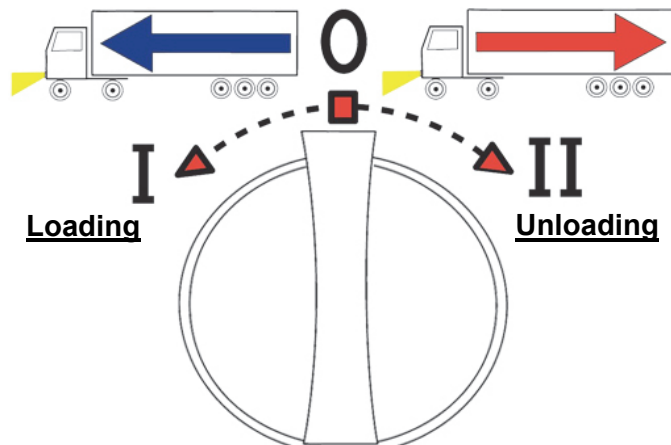
Push in for an immediate STOP.

Deactivate by turning.



### CF7 SWITCH

The CF7 switch is the permanent switch which is mounted in the control box and has 3 switch positions with the following functions:



When turned left or right, it will start the floor and when released it will automatically return to the 0 position

## OPTIONAL

A radio controlled remote control is available as an option. This incorporates:

### APP RECEIVER

The receiver has a connection cable with a 4P plug (**X**) for the Cargo Floor moving floor system. This plug fits into the 4P socket CF3 / CF7. If the plug is plugged in or the power supply is turned on, this will be indicated by both green led's (**Y**) shortly lighting up. When operating the transmitter and when switching on the function loading or unloading the corresponding led will light up. The CAN bus (**Z**) plug with blind lid should not be connected.



### REMOTE CONTROL (CF TX) TRANSMITTER

The transmitter has been equipped with Bluetooth which has a very stable wireless connection and a low battery (power) use. The transmitter has a rechargeable battery that can be charged using the micro-USB socket **6**. When fully charged the stand by time will be about 15-30 days. The transmitter has button lighting which will automatically switch on when the light starts to fade (**sensor 3**). When using the buttons, a bleep can be heard. Do not put the transmitter in your pocket in order to avoid unwanted operation of the system and battery drain.

#### Switching the transmitter on or off

Turn the transmitter on by pressing button **A** for 2 seconds. The transmitter will automatically switch off after 45 minutes. The transmitter can be turned off by hand by pressing button **C** (stop) for 5 seconds.

#### Loading and unloading with the transmitter

**Button A (loading).** By pressing this button, the system will load, releasing it the system will stop.

**Button B (unloading).** By pressing this button, the system will unload. By pressing it again the system will stop (or you press **button C stop**).

**Button C (stop).** This button stops the Cargo Floor system.

#### The transmitters battery

The transmitter has a chargeable Lithium's polymers battery 750mAh.

**LED 5** of the transmitter will give information on the battery status.

- Battery level is below 15%, the LED flashes 1x per second
- Battery level is below 10%, the LED flashes 2x per second
- Battery level is below 5%, the LED flashes 3 times per second

#### Charging the battery

Plug the USB-connector of the micro-USB cable into the 110/220V charger or into the USB car charger 12/24V.

Transmitter: open lid **7** and plug the micro-plug of the USB cable into socket **6**. If the battery is charging **led 5** will be lit, it will switch off when the battery is fully charged and the transmitter will indicate with a beep that the battery has been fully charged. Unplug the micro connector. In order to assure a good resistance against moist and prevent pollution, put back lid **7** into the transmitter after charging.



### MANUAL OVERRIDE

In the event of a malfunction in the electrical system the electric valve can still be operated by activating the manual control fitted for that purpose.

#### **MAKE SURE THAT THE DOORS ARE OPEN!**

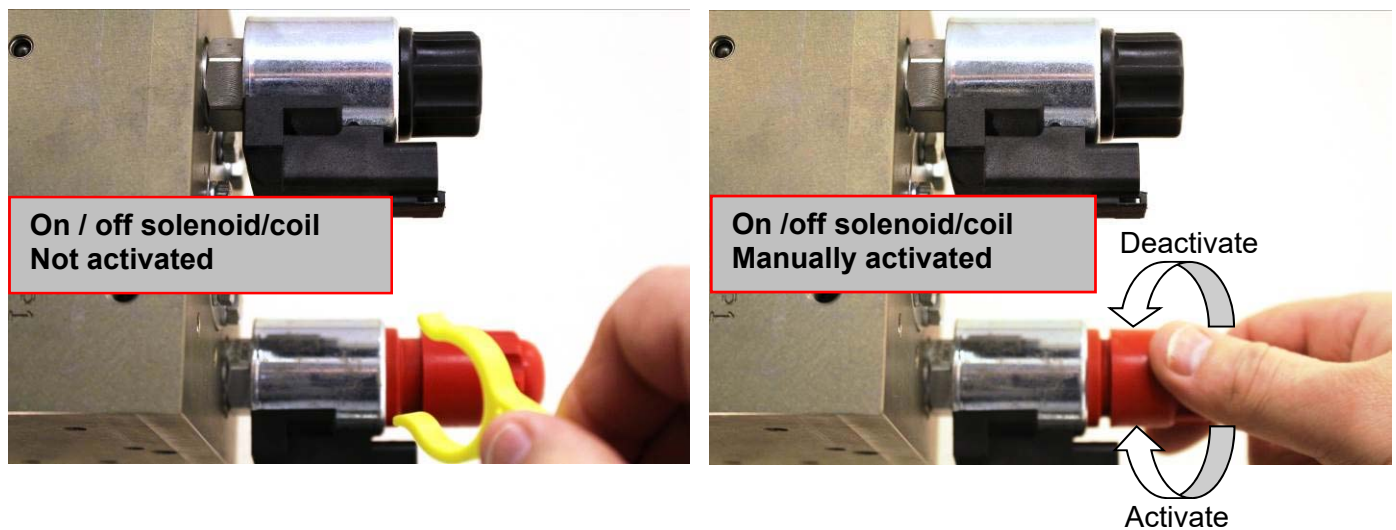
When using this manual override you must always ensure that it switched back to the original, **NON-ACTIVATED** condition after use.

#### **Activation of the manual override: ON**

Remove the yellow security clip and turn in (clockwise) the red button on top of the on/off GS02 solenoid till the stop.

#### **Deactivation of the manual override: ON**

Turn out (counter clockwise) the red button on top of the GS02 solenoid until the click and place back the yellow security clip. The system switch "off".



#### **Activation of the manual override control loading (floor will only be able to load):**

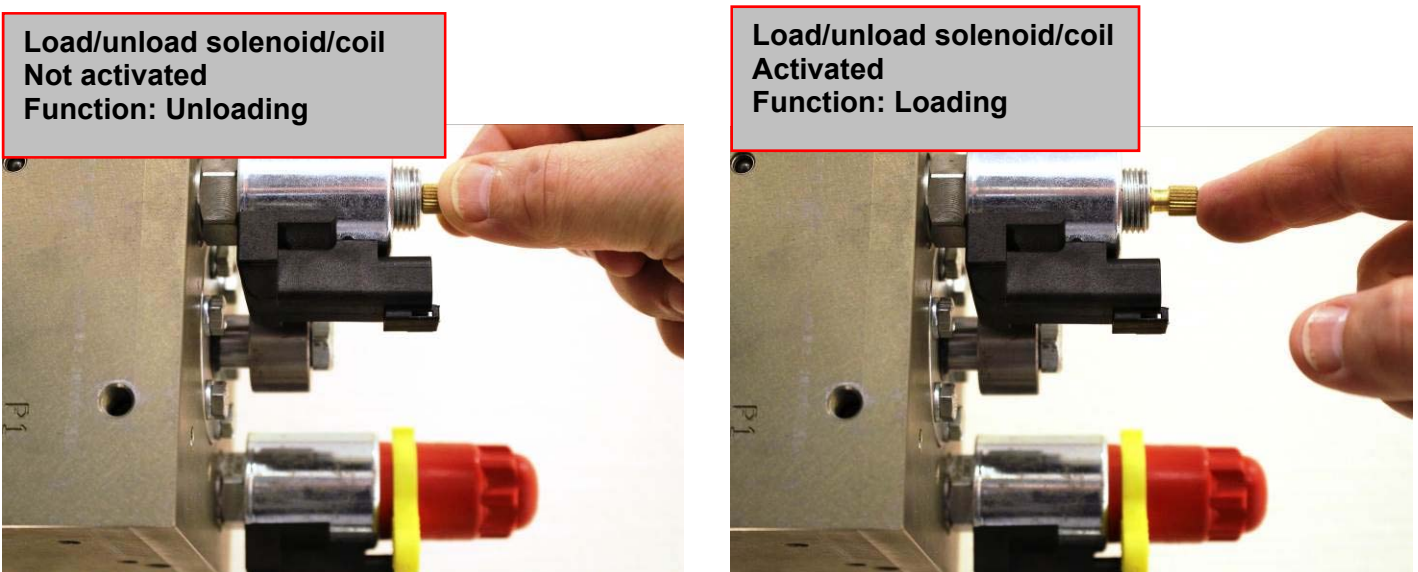
Screw the black cap off (pay attention to the O ring).

Turn out (counter clockwise) the screw under the cap of the load / unload G02 till the stop.

#### **Deactivation of the manual override loading:**

Turn in (clockwise) the screw under the cap of the load / unload G02 till the stop.

Screw the black cap back on (pay attention to mounting the O ring).





## TROUBLESHOOTING

For troubleshooting we refer you to the complete technical user manual, with you can find in the downloads section on our website: [www.cargofloor.com](http://www.cargofloor.com).

## CONTACT DATA

### **Postal and visiting address:**

Cargo Floor B.V.  
Byte 14  
7741 MK Coevorden  
The Netherlands

Phone number: +31 524 593 900  
E-mail: [info@cargofloor.com](mailto:info@cargofloor.com)  
Website: [www.cargofloor.com](http://www.cargofloor.com)

### **Order spare parts:**

E-mail address: [sales2@cargofloor.com](mailto:sales2@cargofloor.com)  
DID number: +31 524 593 922

### **After Sales (technical questions and malfunctions)**

E-mail address: [as@cargofloor.com](mailto:as@cargofloor.com)  
DID number: +31 524 593 981 / +31 524 593 991