EN

DRIVER TRAINING

CARGOS 8000 / 9000

Fliegl
GRÜNLANDTECHNIK

QR CODE ON EVERY VEHICLE

CARGOS driver training at any time **online**.

IMPORTANT INFORMATION

This driver training document does not replace the operating instructions.

- Information on accident hazards must be taken from the operating instructions before commissioning the machine.
- At the start of the driver training course, participants are informed of the position and meaning of the warning symbols and the associated danger zone.
- The driver training and this document are not connected with the handover of the product. The handover declaration must be completed correctly by the sales partner and signed by the customer when the product is handed over.
- The training document is only intended for the correct use and economic utilisation of the machine.
- For detailed information on the machine, please refer to the operating instructions enclosed with each machine.
- Optimal use of this document is only possible in conjunction with driver training.

We reserve the right to make changes.

CONTENT

WARNINGS

Do not stand in the crushing area during operation.

Never reach into the crushing hazard area if parts could move there.

Never walk on the cargo bed when the drive and motor are engaged.

WARNINGS

Accumulators are pressurised with gas and oil. Only remove and repair according to the instructions in the technical manual.

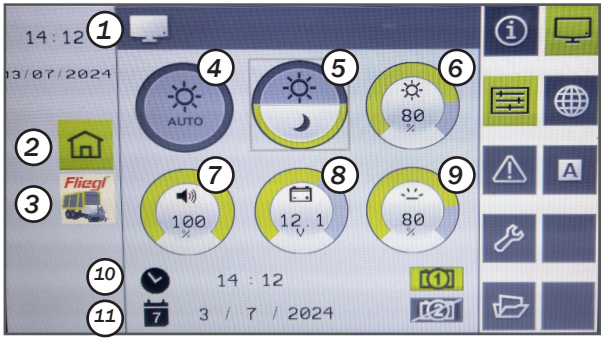
If the rear area of the cutting unit is accessed when the scraper floor is swivelled,
for example to change blades or for maintenance work,

the hydraulic actuation of the scraper floor must be blocked! (valve 1)

The same also applies to work in the area of the tailgate, for example removing the metering rollers! (valve 2)

OPERATION DUCIS

1. On/Off
2. Service menu
3. Settings menu
4. ESC = Escape (return / cancel)
5. Rotary / push wheel
6. Function buttons
7. Loudspeaker M 12
8. Plug for two camera inputs



1. Status bar
2. Switch to the terminal menu
3. Switch to the operating menu of the working device
4. Auto brightness
5. Day/night mode
6. Brightness
7. Volume
8. Power supply
9. Sensitivity
10. Time
11. Date

SCREEN DISPLAY

Loading - Manual mode

1. Raise pickup
2. Lower pickup (floating position)
3. Switch pickup drive on / off
4. Switch on scraper floor briefly
5. Switch one menu to the left
6. Raise front carriage
7. Lower front carriage
8. Open ‘Manual steering’ menu (electric-hydraulic steering) or lock/u lock steering axle (self-steering axle
9. Start automatic loading
10. Move one menu to the right
11. Loading
12. Transport
13. Unloading
14. Settings
15. Order management

SCREEN DISPLAY

Loading - Automatic mode - Controls

1. Raise pickup
2. Lower the pick-up (floating position)
3. Reverse the scraper floor
4. Switch on the scraper floor briefly
5. Swivel blade out - in, press button for 5 sec to swivel blade out permanent
6. Raise front carriage
7. Lower the front carriage
8. Open ‘Manual steering’ menu (electric-hydraulic steering) or lock/unlock steering axle (self-steering axle)
9. Move to headland position / working position
10. Exit loading mode and move to transport position

Note!
The most convenient way to drive in the field is via the automatic control. When activated for the first time, the pick-up and articulated drawbar move to the working position. When actuated again, the pick-up and articulated drawbar return to the headland position.

SCREEN DISPLAY

Loading - Automatic mode

1. TIM Speed Control setting value
2. Torque display
3. 100% carriage full signalling, previously at 95% signalling the scraper floor can still be moved a bit
4. Total weight of the machine
5. Payload of the machine
6. Filling level indicator
7. Scraper floor speed
8. Press pressure of the roof plate

SCREEN DISPLAY

Transport - Control buttons

1. Open roof panel
2. Close roof panel
3. Headlights ON / OFF
4. Starts the automatic loading function (press for 2 seconds)
5. Switches one menu to the left
6. Raise front end
7. Lower front end
8. TRIDEM vehicle: raise/lower lift axle or lock/unlock trailing steering axle
9. Starts the automatic unloading system (press for 2 seconds)
10. Switches one menu to the right
11. Maintenance interval reached
12. Road mode of the electro-hydraulic steering activated
13. Headlights front wall ON / OFF
14. Rear machine headlights ON / OFF
15. Number of wagon loads

Note!
While working in the forage transport, it is most convenient to drive in the transport menu, as all relevant functions such as the roof plate, articulated drawbar and steering or lift axle can be controlled.

SCREEN DISPLAY

Unloading - Manual mode

1. Open the tailgate
2. Close the tailgate
3. Reverse the scraper floor (max. 3 sec
4. Switch on scraper floor briefly or permanently (press for 2 sec)
5. Move one menu to the left
6. Raise front carriage
7. Lower the front carriage
8. Open the ‘Manual steering’ menu (electric-hydraulic steering) or Lock steering axle - unlock (self-steering axle)
9. Start automatic unloading
10. Switches one menu to the right

SCREEN DISPLAY

Unloading - automatic mode

1. Headlights on / off
2. Briefly raise the swivelling scraper floor or move it permanently to the top position (press for 5 sec, confirmed by a beep)
3. Reverse the scraper floor (max. 3 sec)
4. Increase the scraper floor speed (if actuated for > 2 sec, the fast gear is engaged)
5. Reduce the scraper floor speed (if actuated for > 2 sec, the scraper floor is stopped)
6. Raise the front carriage
7. Lower the front carriage
8. Open ‘Manual steering’ menu (electric-hydraulic steering) or lock steering axle - unlock (self-steering axle)
9. End unloading mode and move to transport position
10. Current scraper floor speed
11. Indicates that the PTO shaft must be switched on

SCREEN DISPLAY

Settings - Control buttons

1. Open chassis settings
2. Open articulated drawbar settings
3. Switch the menu to the left
4. Open sensor settings
5. Initialise the sensors
6. Open maintenance settings
7. Switches to the right in the menu

SCREEN DISPLAY

1. Threshold value for torque-controlled loading
2. Scraper floor speed for loading
3. Press pressure of the roof plate for loading
4. Switch silage additive supply on/off
5. Switch automatic tamper removal on/off
6. Switch on/off automatic empty weighmeasurement:
   - Button not selected: Empty weight measurement after closing the tailgate when the vehicle is stationary
   - Button marked: Empty weight measurement after closing the tailgate when the vehicle is in motion
7. Switch torque-controlled unloading on/off
8. Scraper floor speed for unloading
9. Opening angle of the tailgate
10. Switch automatic swivelling of the scraper floor on/off

SCREEN DISPLAY

Settings - Maintenance counter

1. Learn end stops for articulated drawbar
2. Learn roof panel end stops
3. Learn tailgate end stops
4. Learn torque-controlled end stops Unloading
5. Reset settings to factory settings; download graphics from job computer if the button is pressed for > 2 sec
6. Learn zero position of the drawbar anglesensor; if the button is pressed for > 2 sec Learn end stops
   Forced steering
7. Learn pick-up end stops
8. Learn cutting trough end stops
9. Learn swivelling scraper floor end stops
10. Exit menu and return to settings
11. Initialisation progress bar

Please note!

- Always clean components before initialisation
- Attach the machine to the tractor
- Park the tractor with the machine attached on a level surface
- Ensure there is sufficient space around the machine

SCREEN DISPLAY

1. Reset maintenance counter 20 operating hours
2. Reset maintenance counter 50 operating hours
3. Reset maintenance counter 200 operating hours
4. Close maintenance menu

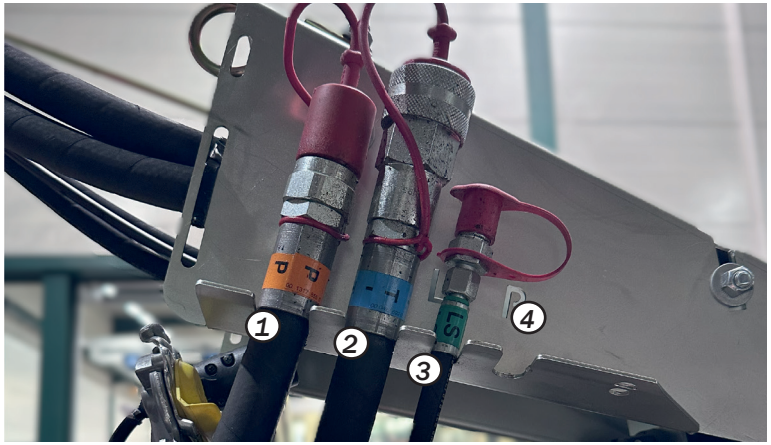
SCREEN DISPLAY

Order management

1. Switch data acquisition on / off
2. Switches one menu to the left
3. Set all counters of the selected order to zero
4. Displays the next order
5. Displays the previous order
6. Switches one menu to the right
7. Order number with name of the order
8. Trolley loads order
9. Total weight of order
10. Total wagonloads
11. Operating hours order
12. Operating hours loading order
13. Operating hours unloading order
14. Total operating hours

ATTACHMENT

Hydraulic connections



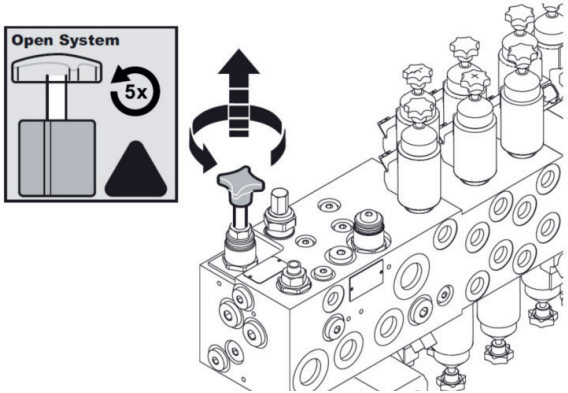
1. Pressure connection (P)
2. Tank / unpressurised return (T)
3. Load sensing control line (LS)
4. Additional hydraulic connection for hydraulically sprung axle units (P1)

Open hydraulic system (standard system)
Tractor with constant flow pump or load sensing pump without control line:

- Turn the handwheel all the way out

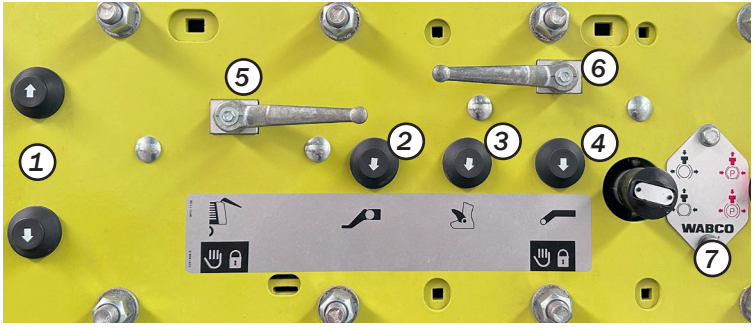
Closed hydraulic system (constant pressure or load sensing)
Tractor with constant flow pump or load sensing pump with control line:

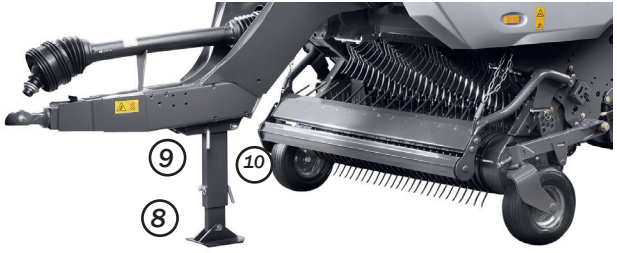
- Turn the handwheel all the way in



ATTACHMENT

Support leg / External operation





The machine‘s external control panel for maintenance work or for attaching the machine is located on the left-hand side of the machine.

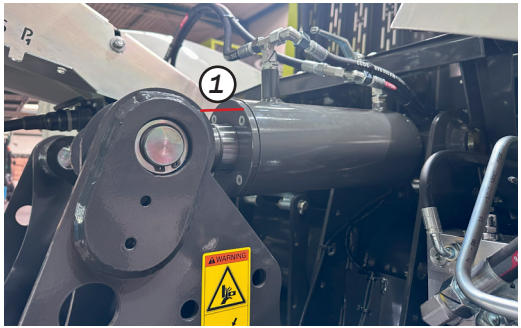
1. Lift / lower pushbutton
2. Articulated drawbar pushbutton
3. Cutting trough pushbutton
4. Pushbutton for swivelling scraper floor
5. Ball valve for tailgate
6. Swivelling scraper floor ball valve
7. Service brake button (black) / Parking brake (red)

The support leg (8) must be secured with bolts (10) and linch pins (9) when attaching and removing the machine.

Note!
When dismantling the machine, pay attention to the pin pocket on the support foot and use it.

HITCHING

Setting the articulated drawbar



The hydraulic articulated drawbar on all CARGOS models is equipped with damping via nitrogen bubbles as standard.
To ensure optimum function, the articulated drawbar cylinders must be extended by at least the **dimension X = 20 mm** in transport position (machine front 30 mm lower than rear, total height < 4 m) (1)
If this dimension cannot be maintained due to the hitching height of the tractor, the drawbar must be mechanically adjusted to the tractor
(for instructions, see operating instructions).

Note!
After each mechanical adjustment of the articulated drawbar cylinder, the end stops of the sensors must be re-learnt. (Settings menu, INIT)
and
When changing tractors, note the different height of the drawbar ball (K80)!

ATTACHMENT

Setting the articulated drawbar

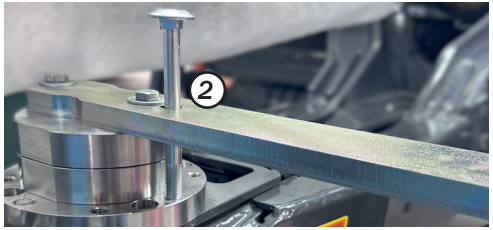
Three predefined articulated drawbar positions can be saved electronically in the Settings - Articulated drawbar menu:

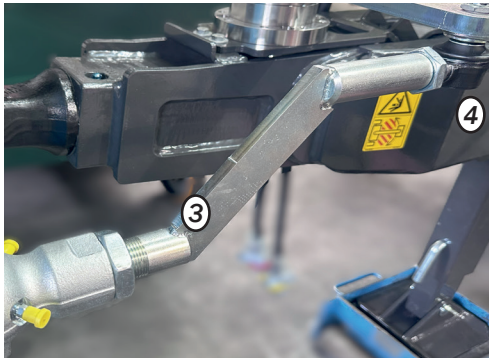
1. Road travel (machine front 30 mm lower than rear, total height <4m)
2. Headland position
3. Loading position (machine horizontal)
4. Procedure: Manual approach to a desired position (4) Saving the desired position (1-3)
5. Activating / deactivating the automatic articulated drawbar control (optional
6. Current position of the articulated drawbar
7. Saved position of the articulated drawbar

Note!
Store the headland position with sufficient height for driving over large swaths!

HITCHING

Electronic-hydraulic articulated drawbar





On machines with electro-hydraulic forced steering, the drawbar for the steering must be set as follows:

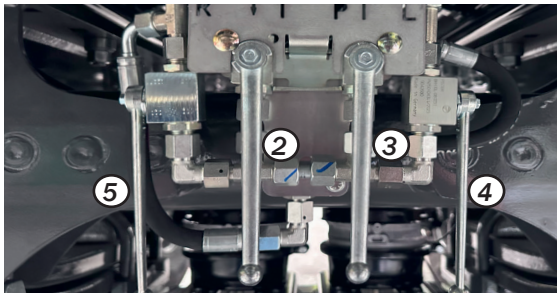
1. The drawbar must be at an angle of 90° to th drawbar when the combination is aligned straight.
2. Check the angle with a screw M10x90. The test screw must be centred in the hole from above.
3. If necessary, adjust the drawbar using the threaded rods secured with nuts. (4)

Check the directional stability of the trailer at and adjust if necessary via the ‘INIT’ menu.

Note!
We recommend mounting the ball 50 / tie rod on the left-hand side (as factory-set).
For installation on the right-hand side, see operating instructions.
Never turn ‘only’ to the right-hand side!

ATTACHMENT

Adaptation of hydraulic running gear



After adjusting or changing the chassis height, always measure the overall vehicle height in the centre of the axle unit (left and right) and check that the trolley is level (lateral tilt).

1. The legally permissible maximum height of 4 m must not be exceeded! For trolleys equipped with a lift axle, the height must be checked with the axle lifted (trolley rises slightly when lifted).

Note! For setting the ride height:
Overall height / measured lower edge of C-profile
For 22.5‘ tyres ~ 3.65 / 1.33 m
For 26.5’ tyres ~ 3.87 / 1.55 m
For 30.5“ tyres ~ 3.99 / 1.67 m
After changing the ride height, the articulated drawbar must be adjusted!

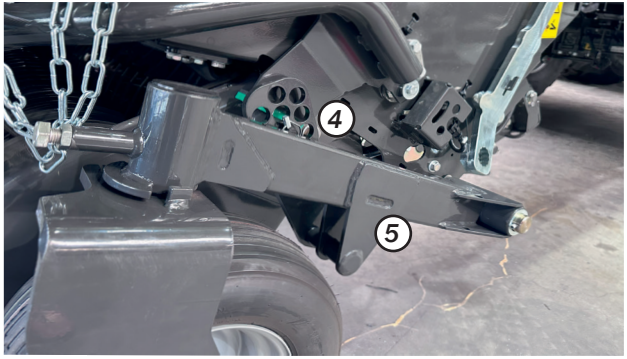
The ride height of CARGOS with hydropneumatic axle units is adjusted using four ball valves. (see operating instructions)

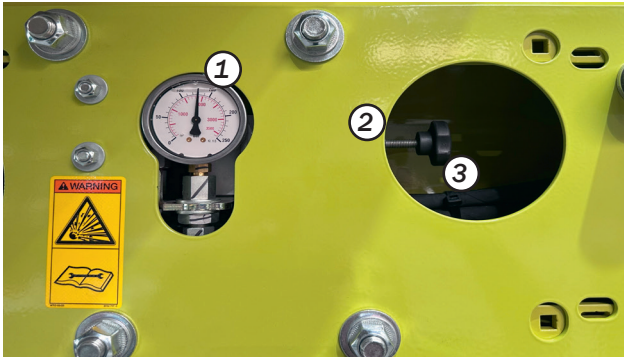
2. Lowering ball valve
3. Lifting ball valve
4. Ball valve on left-hand side of running gear
5. Ball valve on the right-hand side of the trolley

Note!
The chassis level settings must be checked daily. For machines with a lift axle, this must be raised when making the settings.

LOADING

Pick-up settings





The working depth is set using the hole pattern (4) and (5) on the feeler wheels.
Setting the hydraulic PU relief (on the left in the C-profile in the direction of travel):

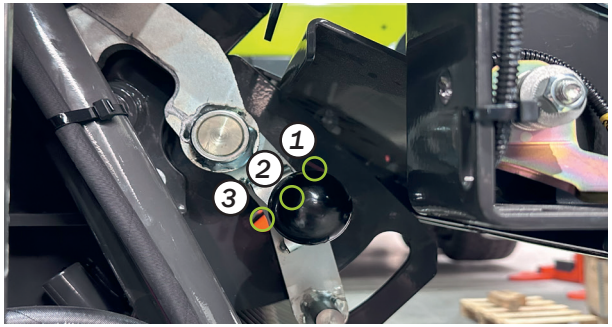
1. Lift out the pick-up completely
2. Loosen the lock nut (2), slightly screw in the adjusting screw (3)
3. Lower the pick-up (in the terminal in loading mode to floating position)
4. Adjust the relief pressure (1) using the handwheel (3) (unscrew slightly) until the desired relief pressure is set)
5. Secure the lock nut (2)

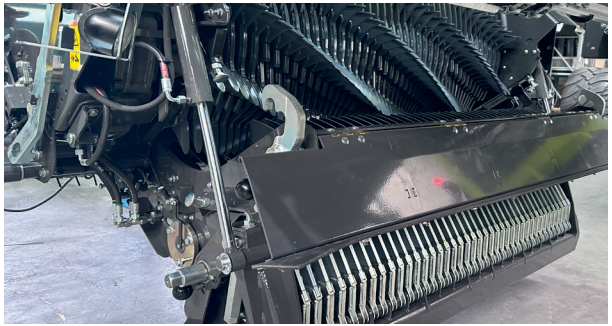
Recommended relief pressure approx. 25-30 bar!
Higher pressure leads to higher PU relief and vice versa.

Note!
In conjunction with the automatic articulated drawbar control option, do not set the unloading pressure too high. The pick-up must reach the end stop ‘automatically’!

LOADING

Adjusting the cutting trough position





The cutting trough must be locked in the ‘tamper position’ (2) during the loading process!
Only in this way will the cutting trough be swivelled open a few centimetres in the event of a tamper and provide sufficient clearance for foreign objects etc..
At the same time, it is ensured that the cutting trough is not swivelled open beyond the extent that can be operated by the terminal.

Cutting trough position:

1. Fixed position:
   The cutting trough is permanently locked in the upper position (blade change position)

2. Tamper position:
   The cutting trough can be extended in the event of a tamper

3. Maintenance position:
   The cutting trough can be fully opened for maintenance and cleaning

LOADING

Automatic charging

The automatic loading system can be operated with up to two expansion stages, depending on the equipment of the trolley:

1. Automatic loading via filling flap (roof panel)
2. Automatic loading via torque sensor

If one of the two sensors, (1) or (2), exceeds the set threshold value, the scraper floor starts for a period of two seconds. The length of the distance travelled is determined by the set scraper floor speed (3).

Basic setting values:

3. Scraper floor feed: 3 - 6
4. Torque detection: 15 - 25 %
5. Roof plate: 40 - 60 bar

Note!
Moist material: lower torque / less pressure, higher scraper floor feed
Dry material: higher torque / more pressure, lower scraper floor feed

With scraper floor feed ‘0’, the automatic loading function is deactivated

LOADING

Removal of a tamper

Manual removal of a tamper:

- PTO shaft off
- Raise the articulated drawbar slightly
- Extend the knife or open the cutting trough
- Switch on the PTO shaft (tamper runs through)
- Retract blade
- Lower the articulated drawbar again
- Continue loading

Status shows the current status of the machine.
Cutting trough is open.

Note!
If automatic blockage removal (1) is activated, the ‘automatic blockage removal’ function is started in the event of a blockage. The hydraulic functions (articulated drawbar, knife, scraper floor, pick-up) are carried out automatically; the driver only has to switch the PTO shaft off and on again.

LOADING

Switching the silage additive supply on/off

The silage additive supply consists of a control line that makes it possible to control a silage additive system during loading. As soon as the pick-up drive is running and the silage additive

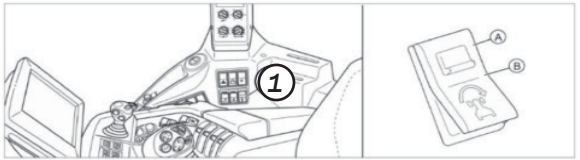
1. supply is switched on, pin 2 of connector XZ
2. is energised.

Pin 1 is connected to power ground.

The line must be loaded with a maximum of 3A.

LOADING

TIM SPEED CONTROL



Basic requirements for use

- Tractor and CARGOS are equipped with TIM SPEED CONTROL and the combination is driven via ISOBUS
- Regulation of the forward speed via TIM SPEED CONTROL is only possible when the automatic loading system is active.

Activation

- Set the CSM switch (1) on the tractor to position (B)
- TIM is authenticated when the following symbols are visible
- Tractor side
- On the wagon side
- TIM can only be activated via the AUX buttons
- These must be assigned beforehand (2)

Exit

- via the button for exiting loading mode
- via the function button for TIM on the multifunction lever (AUX)
- by pressing the brake pedal on the tractor

CHASSIS STEERING

Tracking steering settings

1. The automatic steering axle lock automatically locks the steering axle at the speed set at (e.g.: 15 km/h). The function is inactive at the setting 0 km/h.

2. In silo mode, the steering axles are automatically centred when the tailgate is opened. This ensures that the machine drives straight ahead. When the tailgate is closed, the steering axle opens again. This function is deactivated by removing the cross in the menu:

Please note!
Requirements:
The ISOBUS socket on the machine is connected directly to the ISOBUS socket on the tractor. Alternatively, the cable with speed signal can be used, part number 1599 635 1.

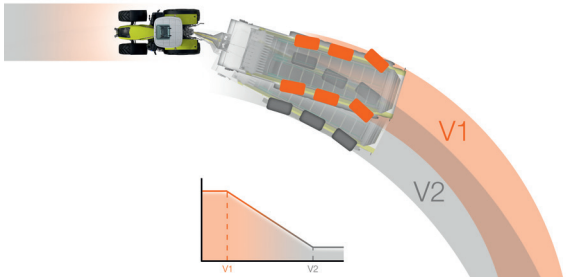
CHASSIS STEERING

Electronic-hydraulic steering adjustment

1. Automat. Locking the axle(s) in unloading mode on / off
2. Adaptive articulation angle warning on / off
3. Dynamic steering line shift during road travel and during unloading
4. Dynamic steering line shift during loading
5. Road mode
6. Locking the axles
7. Offset mode
8. Manual mode
9. Manual steering left
10. Manual steering right
11. Learn end stops adaptive articulation angle warning (move to end positions, press button for 2 seconds)

EXPLANATION

Electronic-hydraulic steering



Dynamic steering line shift

- Enables individual adjustment of the steering behaviour

The following applies:

- If the value 0 (1) / (2) is set, the steering line shift is inactive, i.e. the CARGOS drives with maximum tyre protection (V2)

- The higher the set value (1) / (2), the more manoeuvrable the CARGOS becomes (V1)

Note!
Set a value > 15 km/h for transport mode (3) so that the trolley is manoeuvrable for narrow driveways (slow) and gentle on tyres on the road (fast).

For loading mode (4), set a value < 15 km/h so that the trolley is manoeuvrable in tight bends (slow) and gentle on the turf at normal working speed.

CHASSIS STEERING

Steering programmes Loading / unloading

Offset steering menu / crab steering
(only for electro-hydraulic steering)

In offset mode, the trolley can be driven in crab steering mode. This allows you to react to certain situations in the field or on the silo, e.g. to reduce drift on slopes at, to increase the roll-over area in wet ground conditions, or for more stable unloading on the silo.

First activate manual control with button (1)

- In the loading or unloading menu

Press this button to turn the axle to the right

Press this button to turn the axle to the left

Note!
Manual control can only be selected at speeds below 10 km/h. When turning round at the headland, the trolley can remain in crab steering and does not have to be straightened beforehand!

CHASSIS / STEERING

Load weight indicator

Weight determination / unladen weight determination
There are three options for determining the unladen weight:

1. **Automatic unladen weight determination when the vehicle is stationary** (factory setting): The weight measurement starts 30 seconds after closing the tailgate. The measuring time is 90 seconds.
2. **automatic unladen weight determination** when the trailer is in motion: The weight measurement starts at the beginning of the journey after the tailgate is closed.
   The measuring time is 60 seconds. Prerequisites: Tractor-side speed signal (e.g. via ISOBUS) and button (1) in the settings menu is activated!
3. **manual empty weight determination**: Press button (2) in the loading or transport menu for 2 seconds. The weight display is set to zero (a previous automatic empty weight determination is overwritten, a subsequent automatic one for this load is prevented)

Note!
Load weight display only with the ‘hydraulic running gear’ option
The articulated drawbar must be calibrated for a specific display!
and
For the most accurate weight determination possible:

1. chassis height is set correctly.
2. the foot and parking brakes are released.
3. the hydraulic cylinders on the articulated drawbar are extended by 15-20 mm.
4. lift axle (optional) is lowered.
5. the machine is on level ground and the wheels have not sunk in.
6. acceleration, braking and cornering have a negative effect

UNLOADING

Automatic swivelling scraper floor

Residual emptying - automatic scraper floor swivelling:

To support unloading, the swivelling scraper floor (not activated at the factory when the automatic system is activated

1. starts to move up and down after the scraper floor has travelled a certain distance. The amount of up and down movement increases with the duration of the travelling distance. Manual operation of the scraper floor via the terminal is still possible. This does not interrupt the automatic function.

Note!
Depending on the feed, operation in manual mode is recommended for rapid residual emptying. The horizontal scraper floor position should be approached as early as possible (press for 5 seconds). The S-stage of the scraper floor should then be actuated. Press button (2) for 5 seconds until the signal tone sounds and the scraper floor has moved to the horizontal position. Press button (2) again before cancelling the automatic unloading function (3),
- The scraper floor moves to the lower position.

SETTINGS

Important basic settings

Maximum throughput capacity:
+ Loading set-up parallel to the ground
+ During loading:
- Adjustment of articulated drawbar (and chassis if necessary) > Load body horizontal

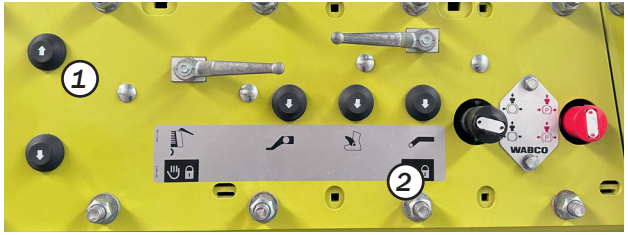
Lowest power requirement:
+ Automatic loader setting:
- Torque setting: 15-25%*
- Roof plate: 40-60 bar*

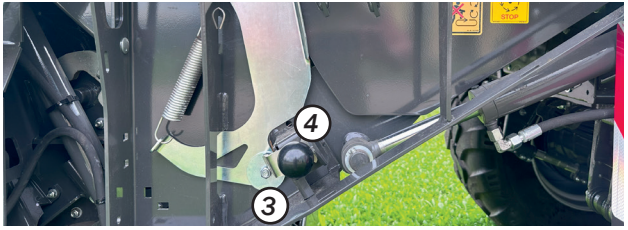
Ideal outreach:
+ Scraper floor feed setting: 3 - 6*

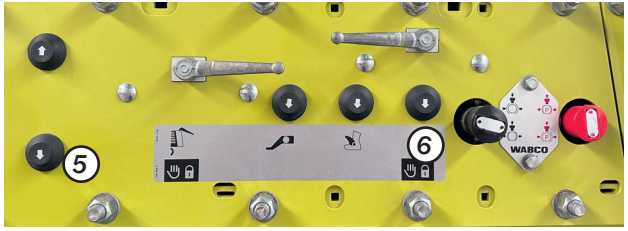
*Starting from these values, should be adjusted upwards or downwards depending on conditions

SETTINGS

Blade change







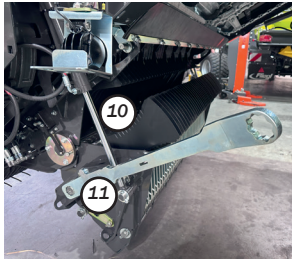
- Raise the articulated drawbar:
  Two-hand operation (1) and (2)

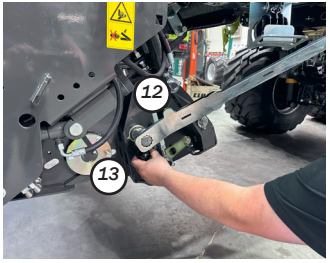
Note!
When operating the articulated drawbar, release the parking brake of the CARGOS.

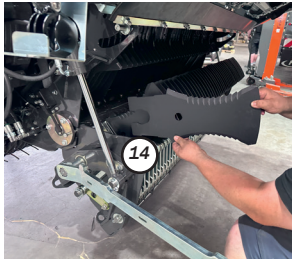
- Unlock the scraper floor on both sides:
  Pull out locking knob (3) on both sides and turn to the right into the park position. Lever (4) indicates the open position.

- Fold down the scraper floor:
  Two-hand operation (5) and (6)
  As soon as the scraper floor is fully lowered, turn the ball valve (7) downwards.

SETTINGS







- **Extend blade:**
  Lock the cutting trough
  Two-hand operation (8) and (9)

As soon as the knife carrier (10) is fully lowered, switch off and secure the tractor and machine.

- **Unlock the knife:**
  Remove the mounting lever (11) from the park position and place it on the shaft (12).
  Pull out the locking knob (13) and turn the mounting lever until the indicator is in the open position.

- **Turning / changing the blade:**
  Remove the blade (14) from the blade pocket and turn or change it.

The blades are installed in reverse order.
Observe the correct locking of the blades and the safety instructions in the operating instructions!

Note!
If the blades cannot be removed, the assembly lever serves as a levering tool

SETTINGS

Blade distance to the rotor

Check distance between blade tip and rotor wall

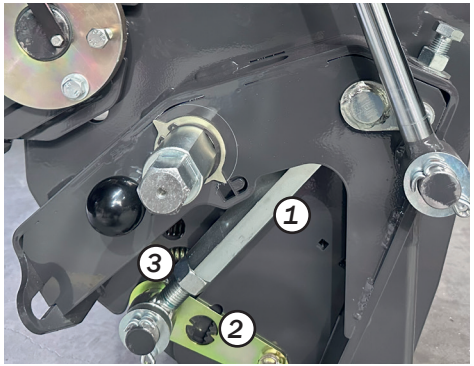
- Open the swivelling scraper floor
- Close the cutting trough
- Check distance from rotor wall to blade X = 10 - 15 mm
- If necessary, set the correct distance

Set distance between blade tip and rotor wall

- Open the cutting trough
- Loosen the lock nut (1) on both sides
- Adjust the stop screw (2) on the left and right
- Close the cutting frame

SETTINGS

Knife preload



Blade preload
The blade preload can be adjusted depending on the conditions

- **High level of foreign matter > Low blade preload**
- **Low foreign body contamination & high throughput > High blade pretension**

The blade pretension is set via the spindle (1) when the trolley is equipped with a mechanical adjustment:

1. loosen lock nut (3)
2. unscrew spindle (1) for higher blade pretension (downwards on scale (2)), screw in for lower blade pretension (upwards on scale (2))
3. secure lock nut (3)

Recommendation: centre the setting on the scale (2)

Note!
Check that the setting is even on both sides using the scale!

SETTINGS

Scraper floor

Please note!
As the chains of the transport floor are galvanised, they will elongate considerably during the first few uses. The tension of the scraper floor chains should therefore be checked daily during the initial period of use and readjusted if necessary!
The scraper floor chains are correctly tensioned if they can be pushed through a maximum of 20-30 mm in the area of the tensioner (1)!
If the threaded rod is no longer sufficient for re-tensioning, a chain link should be removed.
ATTENTION: Do not overtension scraper floor chains!

All bolted connections should be checked for tightness after the first few hours of use, including the bolted connections of the steel floor and the scraper floor rails!

1. Manual tensioning device for the scraper floor chains in the front area behind the cutting trough

SETTINGS

Transfer plate on the cutting trough

Transfer plate on the cutting trough

- The distance between the transfer plate (2) and the conveyor rails of the pivoting scraper floor should be

  scraper floor should be X=20 mm.
- The distance must be adjusted at 4 positions using nuts (3) and (4).

After each change to the scraper floor tension (see Maintenance chapter), the distance X must be checked again!

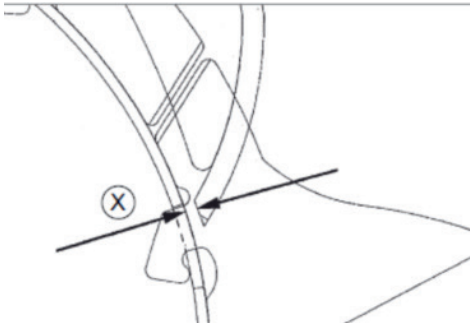
- The adjustment and safety instructions in the operating instructions must be observed!

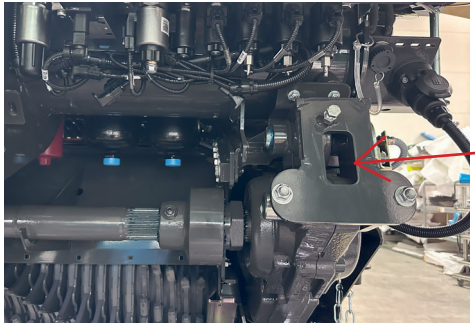
SETTINGS
Wiper Box

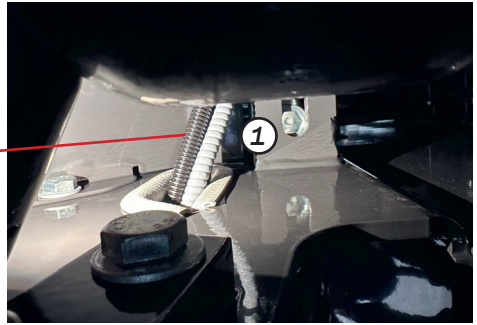
Scraper box

- The scraper packs each contain four Hardox scrapers and can be adjusted separately.
- In addition, the complete scraper box can be adjusted by means of adjusting screws (1) on both sides of the machine.

Note!
The wipers should be set at a distance of X = 8-10 mm from the rotor shroud!



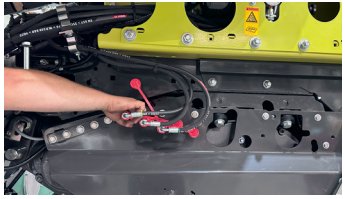




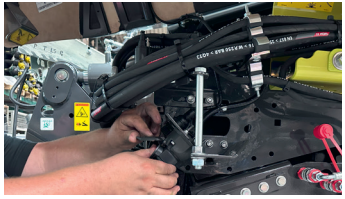
SETTINGS

Removal of the loading - cutting unit

Push the transport trolley under the loading/cutting unit and
Lower the unit using the articulated drawbar.



Dismantling the rotor drive. The
curved-tooth coupling can be conveniently placed on a holder provided for this purpose.



Separation of the hydraulic connections left and right in the direction of travel and the electronic connection via quick coupler.

Raise the kick drawbar. The unit can now be removed.

Push the transport trolley under the loading/cutting unit and
Lower the unit using the articulated drawbar.

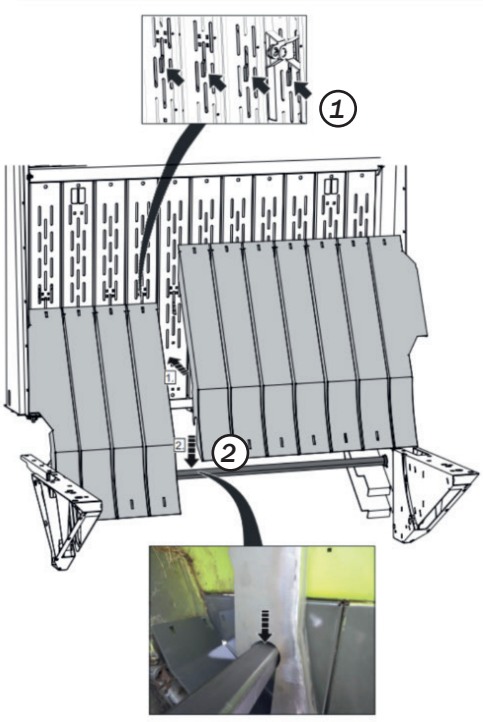
Raise the kick drawbar. The unit can now be removed

Fit the brackets and insert the chopping plates
(see page 45)

Note!
Do not open the grub screw on the red gearbox side! Only loosen the loosen the clamp on the main gearbox side. During assembly, push both sides of the sides of the shaft as far as they will go and fasten the clamp. Fasten the clamp with ~8 mm ‘air’ and measure the transfer plate (2).

SETTINGS

Installation of the duct covers

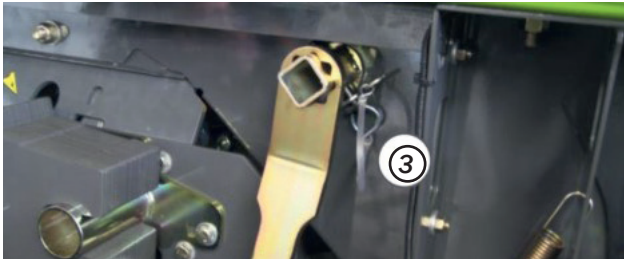


If the CARGOS is used purely for transport (maize harvesting), the loading channel can be covered, regardless of whether the loading and cutting unit is removed!

The trays are hooked into the front wall (1) and secured at the bottom by a square shaft (2).
secured at the bottom.

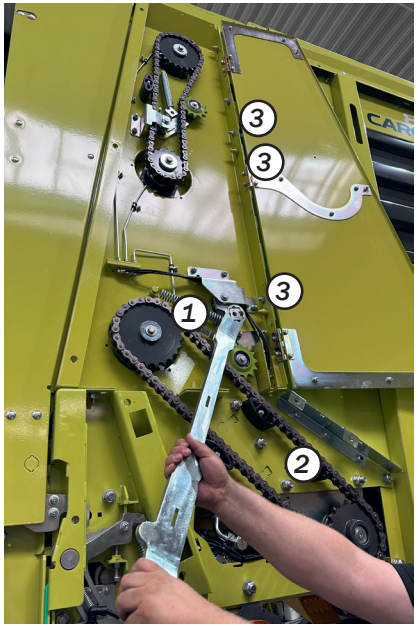
- When the loading/cutting unit is removed, an additional angle bracket is attached to the lower end of the cover plates, an additional angle plate with a sealing lip is hooked onto the lower end of the cover plates.

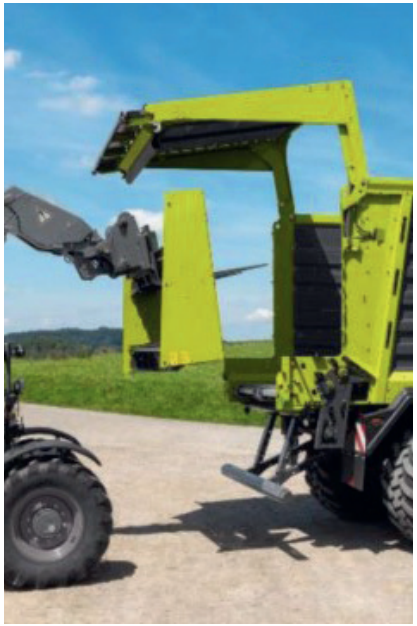
- The multifunction lever (3) can be used to quickly lock and unlock the cover plates. Can be quickly locked and unlocked.



SETTINGS

Removing the dosing roller unit





Release the chain tensioner (1) and remove the drive chain (2)

Undo three screws (3) on both sides

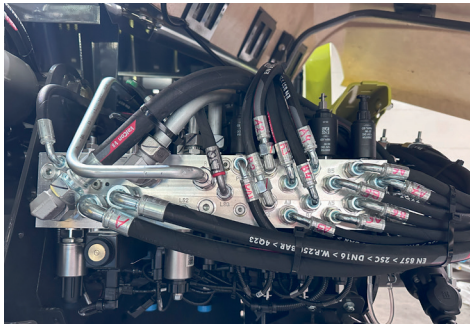
On the left, also disconnect the connection to the sensor on the lower the lower dosing roller and plug in the dummy plug on the trolley side!

Remove the complete dosing roller unit using a front loader.

Installing the plates to close the resulting gaps.

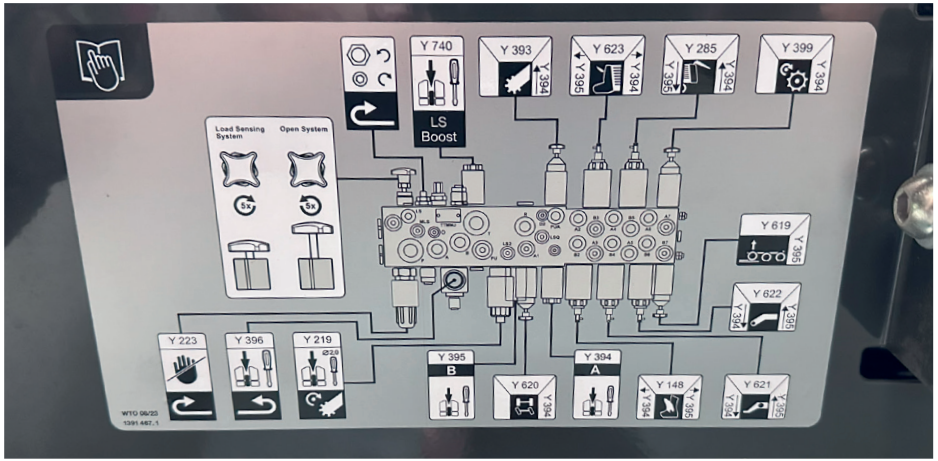
SETTINGS

Emergency operation



Hydraulic block

- The hydraulic block is located to the left of the articulated drawbar in the direction of travel with a precise valve assignment plan
- All valves can be operated via an emergency actuation if necessary
  (1) screw in (open) the valve corresponding to the function
  (2) operate the solenoid valve by hand



SETTINGS

ISOBUS button assignment for multifunction handles in tractors

		Function
F1		Loading - Start automatic operation
F2		Unloading - Start automatic operation
F3		Lift axle lift
F4		Opening the cutterbar recess
F5		End automatic operation
F6		Raise machine to headland position Lower machine to headland position
F7		Lifting the articulated drawbar
F8		Lowering the articulated drawbar
F9		Scraper floor drive switches on in reversing direction for max. 3 seconds
F10		Switching the scraper floor on / off briefly

NOTES

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