Before commissioning the machine please read operating instructions
Check all fluids, settings, warnings and safety instructions!

Check the machine

Operating instruction in black box on board
Service manual and documents with the machine
Tools in black toolbox

Prior to operating the machine and after 10 hours

Check oil level
Fill if level is below min

Clean cooling system from dust and dirt

If air filter indicator changes to red change filter element

Important Information

Vital information on the cleaning of the cooling system on top of the fuel tank

Handlebar adjustment

Height adjustment
loosen both lock nuts (A) and hex head bolts (B) bring the handlebar to desired height fasten bolts and nuts

Lateral adjustment
Pull ball handle (B/1) upwards turn handlebar into desired position / release ballhandle
Start engine *(step by step)*

1. Push safety circuit lever *(left handlebar)*
2. Pull clutch lever *(left handlebar)*
3. Lock clutch lever with pawl *(left handlebar)*
4. Set speed control lever to max *(right handlebar)*
5. Pull rope hard and fast to start the engine
6. Let rope glide back carefully do not let snap

Switch off engine

Let engine run at increased idling speed for a minute to cool down and to avoid carbon to deposit on the injection valve before machine is turned off!

- Pull and lock clutch *(for reference see start)*
- Set speed control to “STOP” *(right handlebar)*
- Emergency stop release the safety lever
**Operations**

Wear individual safety equipment like safety shoes and ear plugs!

Changing gears 1-4 and F/R requires pulling the clutch! Do not shift the gears by force.

If necessary pull and release the clutch to bring the gears in easy switchable position!

**Hold safety lever, pull clutch (left handlebar)**

**Choose gear with the shift rod (left side)**

<table>
<thead>
<tr>
<th>Gears</th>
<th>Speed (km/h)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/2/0/3/4</td>
<td>1.0/1.5/0/1.9/7.1</td>
</tr>
</tbody>
</table>

**For F/R motion (right handlebar)**

Please see next chapter

**Direction of motion forward / reverse (right handle bar)**

The gears must only be changed by pulling the clutch! (For drive and stop please see next chapter)

**Hand lever released**

= forward motion

**Hand lever pulled**

= reverse motion

**Drive and Stop**

Set speed control to max move lever forward (right handlebar)

**Release the clutch slowly**

Tool carrier moves (left handlebar)

**Pull clutch**

Tool carrier stops (left handlebar)
**Differential Lock** *(right handlebar)*

Release throttle and discharge drive for easy on/off switching the differential Lock

- **Differential Lock engaged** = improved traction forward and reverse
- **Differential Lock disengaged** = easy steering especially to turn over
- Set pawl to disengage Differential Lock permanently

**Move the machine with the engine switched off**

1. Pull and lock clutch *(left handlebar)*
2. Look for neutral position between 2 and 3 gear *(shift rod)*
3. Disengage differential lock for easy steering lock lever with pawl *(right handlebar)*

**Adjustment on Hand Levers**

Check clutch play or adjustments each time you operate the machine; if necessary readjust!
- Too much clutch play = machine and PTO don’t stop when clutch lever is pulled
- Too little clutch play = machine doesn’t run; clutch slips while operating!

Pull clutch lever up to pressure point!

- **Clutch play 3-5mm**
- Turn threaded bolt in order to adjust clutch play
  *(for more details see operation manual page 35)*
Coupling and decoupling Implements

Mount and dismount attachments only with engine switched off!

1. Disconnect PTO shaft (attachment) = move lever (4) to pos. “0”
2. Ensure clean surfaces

Slide pegs (2) of tool carrier into hooks (3) of attachment make sure attachment is properly centred and flat fitted

Fold both eye bolts (1) over coupling flange tighten cap nuts evenly

PTO shifting

Shifting PTO requires pulling the clutch! Do not shift the PTO by force or without pulled clutch!
If necessary pull and release the clutch to bring the gears in easy switchable position!

Connect fork end of shift rod and shift lever with screw and bolt (do not pull tight for free move)

To disconnect PTO shaft, pull lever
To connect PTO shaft, push lever
Lubrication Plan

1. 250 h (50 h)

2. 250 h (25 h)

3. 25 h

4. 50 h, B (50 h)

5. 50 h, B

6. 50 h, B

7. 50 h, B

% B = After each cleaning, in particular with high-pressure cleaner
Your local agria specialist dealer: