Before commissioning the machine, read operating instructions and observe warnings and safety instructions.

Operating Instructions No. 998 735-A 12.07
Symbols, Name Plate

Please complete:

<table>
<thead>
<tr>
<th>Machine Type No.:</th>
</tr>
</thead>
<tbody>
<tr>
<td>ID/Machine No.:</td>
</tr>
<tr>
<td>Engine Type:</td>
</tr>
<tr>
<td>Engine No.:</td>
</tr>
<tr>
<td>Date of Purchase:</td>
</tr>
</tbody>
</table>

For name plate, refer to p3/fig.A/9. For engine type and number, refer to p3/fig. A/7.

Please state these data when ordering spare parts to avoid wrong deliveries.

Only use original agria spare parts!

Specifications, figures and dimensions stated in these instructions are not binding. No claims can be derived from them. We reserve the right for improvements without changing these instructions.

Symbols

- Warning – Danger
- Important information
- Stop
- Choke
- Fuel
- Oil
- Transmission oil
- Transmission oil level
- Engine
- Engine Start
- Engine Stop
- Air filter
- Visual check
- Clutch
- Hoeing drive
- fast
- slow
- open
- Closed
- Wear protective gloves
- Wear solid shoes

→agria - Service← = contact

Your agria workshop
Designation of Parts

Type 900

Type 900-S featuring side-adjustable steering handle

[Diagram of Power Hoe 900 / 900-S parts]
Designation of Parts

Fig. A

1 Speed control lever
2 Fan grille
3 Starter handle
4 Fuel filler neck
5 Air filter
6 Carburetor
7 Engine model type no.
8 Spark plug, spark plug connector
9 Name plate
10 Hoeing tools, right
11 Front support wheel
12 Transmission oil fill/drain plug
13 Hoeing tools, left
14 Attachment bolt for hoeing tools
15 Safety circuit lever
16 Steering handle
17 Eccentric lever for steering handle height adjustment
18 Fill/drain point of engine oil, oil dip-stick
19 Exhaust with guard
20 Beam of depth bar
21 Depth bar
22 Hoeing guard
23 Guard disc
24 Clutch hand lever
25 Pawl of clutch hand lever
26 Extension for 65cm working width
27 R-clip to lock the depth bar
28 Push plate for steering handle side adjustment
29 Fuel tap on the right-hand side in the travelling direction (not always present!)
# Index

**Designation of Parts** .......... 3

**Unpacking and assembly** .. 6 - 7

**Recommendations**
- Lubricants, Anti-Corrosive Agents .. 8
- Fuel ........................................ 8
- Maintenance and Repair .......... 8

**1. Safety Instructions** ....... 9–13

**2. Specifications**
- Dimensions ............................... 14
- Power Hoe .................................. 14
- Noise Level ................................. 14
- Vibration Acceleration Value ........ 14
- Engine (Type 900) .......................... 15
- Operation on Slopes (Type 900) ... 15
- Engine (Type 900-S) ..................... 16
- Operation on Slopes (Type 900-S) 16

**3. Devices and Operating Elements**
- Engine ........................................ 17
- Safety circuit Lever (Type 900) .... 18
- Clutch (Type 900) ......................... 18
- Safety circuit Lever (Type 900-S) . 19
- Clutch (Type 900-S) ...................... 19
- Gearbox ....................................... 18 – 19
- Steering Handle ............................ 20
- Hoeing Tools ............................... 21
- Depth bar .................................... 22
- Front Support Wheel ..................... 22

**4. Commissioning and Operation**
- Commissioning the Machine ........ 23
- Starting the Engine (Type 900) ..... 24
- Starting the Engine (Type 900-S) . 25
- Shutting off the Engine ............... 26
- Hoeing ......................................... 26, 27

**5. Maintenance**
- Gearbox ....................................... 28
- Engine ......................................... 29 – 32
- General ....................................... 33
- Cleaning ....................................... 33
- Storage ........................................ 34

**Varnishes, Wear Parts** ............ 35

**6. Troubleshooting** ............... 36 – 37

**Inspection and Maintenance Sheet** ................. 38

**Conformity Declaration** ....... 39

*Note fold-out pages!*

**Fig. A** ........................................ 3
Fitting the Steering Handle Type 0900 021/121

1. Open the box top
2. Mount handlebar
   - Fit the steering handle (1) into the appropriate receptacle (4) and attach it using clamp (3) and attachment bolts (5 + 6).
   - Insert eccentric lever (2) into the bottom hole of the clamps and tighten it using washer (7) and nut (6) so that it still allows swivelling the handlebar up and down when it is unlocked.
   - If the eccentric lever does not lock the handlebar tight enough, tighten the nut (8).
3. Attach the gas control lever (9) to the end of the right handlebar using the attachment kit (10–12).
4. Connect the electric line for safety circuit lever to the socket (13 +14).
   - Inspect again whether cables are routed properly and are not twisted or jammed to avoid clutch problems.
5. Adjust the handlebar to the desired height and lock with eccentric lever (2).
6. Mount hoeing tools and hoeing guards.
7. Mount depth bar
8. Mount front support wheel
9. Carry out all steps for starting-up
Fitting the Steering Handle Type 0900 131

1. Open the box top.

2. Mount handlebar
   - Fit the steering handle (1) into the appropriate receptacle (2) and attach it using washer (3) and clamping lever (4).

3. Attach the gas control lever (9) to the end of the right handlebar using the attachment kit (10–12).

4. Connect the electric line for safety circuit lever to the socket (13 +14).
   - Inspect again whether cables are routed properly and are not twisted or jammed to avoid clutch problems.

5. Adjust the handlebar to the desired height and lock clamping lever (4).

6. Mount hoeing tools and hoeing guards.

7. Mount depth bar

8. Mount front support wheel

9. Carry out all steps for starting-up

Power Hoe 900 / 900-S
Recommendations

Lubricants and Anti-Corrosive Agents

Use the lubricants specified for engine and gearbox (see “Specifications”).

We recommend using **Bio-lubricating oil** or **Bio-lubricating grease** for “open” lubrication points or nipples (as specified in the operating instructions).

We recommend using **Bio-slushing oil** to preserve machines and attachments (do not apply on painted covers). You can brush or spray the oil.

Anti-corrosive agents are environmentally friendly and degrade fast.

Using ecologically safe Bio-lubricants and Bio-anti-corrosives, you contribute to environmental protection and to the wellbeing of humans, animals and plants.

Fuel

This engine runs smoothly on **conventional unleaded regular and super-grade petrol** as well as on **leaded supergrade petrol**.

Do not add oil to petrol.

If, for environmental reasons, you use unleaded petrol, make sure the fuel is drained completely when shutting down the engine for more than 30 days. This is to prevent resin residue from depositing in the carburetor, fuel filter, and tank. Or add a fuel stabilizer to the fuel.

For further instructions refer to “Engine Preservation”.

Maintenance and Repair

The trained mechanics of your agria workshop expertly carry out any maintenance and repair work.

You should only carry out major maintenance work and repairs on your own, if you have the proper tools and knowledge of machines and internal combustion engines.

Do not hammer against the flywheel with a hard object or metal tools as it might crack and shatter in operation, causing injuries and damage. Only use suitable tools to pull off the flywheel.
1. Safety Instructions

Before starting the machine, read the operating instructions and note:

Warning

This symbol marks all paragraphs in these operating instructions which affect your safety. Pass all safety instructions on to other users and operators.

Due Use

The power hoe and the mounted implements authorized by the manufacturer have been designed for all common applications and tasks in farming and forestry, horticulture and park maintenance (due use).

Any other type of operation is considered undue. The manufacturer is not liable for any damages resulting from undue use, for which the risk lies with the user alone.

Due use includes compliance with manufacturer’s instructions on operation, maintenance and repair.

Any unauthorized changes to the power hoe render manufacturer liability null and void.

General Instructions on Safety and Accident Prevention

Basic Rule:

The respective national accident prevention regulations have to be adhered to, as well as all other generally accepted rules governing operational safety, occupational health and road traffic regulations.

When driving on public roads, you have to observe the current traffic code.

Accordingly, check the power hoe for road and operational safety each time you take up operation.

Only persons familiar with the machine and instructed on the hazards of operation are allowed to use, maintain and repair the machine.

Teenagers younger than 16 years are not allowed to operate the power hoe!

Only work in good light and visibility.

Operator’s clothes should fit tight. Avoid wearing loose fitting clothes. Wear solid shoes.

Note the warning and instruction signs on the machine for safe operation. Comply for your own safety.

When transporting the power hoe on vehicles or trailers outside the area to be cultivated, ensure that the engine is shut off.

Careful with rotating tools – keep at a safe distance!
1. Safety Instructions

Beware of coasting tools. Before you start any maintenance or repair on them, wait until tools have come to a complete stop.

Foreign powered parts shear and crush!
Riding on the machine during operation is not permitted.
Do not change settings of governor. High engine speed increases risk of accidents.

Working Area and Danger Zone

The user is liable to third parties working within the machine’s working range.
Staying in the danger zone is not permitted.
Check the immediate surroundings of the machine before you start it. Watch out for children and animals.
Before you start work, clear the area from any foreign object. During operation, always watch out for further objects and remove them in time.
For operation in enclosed areas, ensure that a safety distance is kept to enclosures to prevent damage to tools.

Operation and Safety Devices

Before you start the engine
Become familiar with the devices and operating elements and their functions. Above all, learn how to shut off the engine quickly and safely in an emergency.
Ensure that all protective devices are mounted and positioned to provide protection.

Starting the engine
Do not start engine in closed rooms. The carbon monoxide contained in the exhaust fume is extremely toxic when inhaled.
When starting the engine, do not step in front of the power hoe.
Do not use assist-starting liquids when using electrical assist-starting devices (jumper cable). Danger of explosion.

Operation

Never leave the operator’s position at the steering handle while the power hoe is at work.
Never adjust the handles during work — danger!
During operation keep a distance to the machine as defined by the length of the steering handle, especially when you turn the machine.
Riding on the machine during operation or in transport is not permitted.
1. Safety Instructions

In case of blockages in the attachment, shut off the engine and clean the attachment with an appropriate tool.

In case of damage to the power hoe or to the attachment, immediately shut off the engine and have it repaired.

If steering causes problems, immediately bring the power hoe to a halt and shut it off. Have the malfunction repaired without delay.

To prevent the machine from slipping on slopes make sure it is secured by another person using a bar or a rope. This person must be located at a higher position than the vehicle at a safe distance from the attachment at work.

If possible, always work at right angle to the slope.

End of Operation

Never leave the power hoe unattended with the engine running.

Before you leave the power hoe, shut off the engine. Then close fuel taps (if equipped).

Secure power hoe against unauthorized use. If the machine is equipped with an ignition key, remove the key. For all other versions, remove the spark plug connector.

Attachments

Only mount attachments with the engine and the attachment drive shut off.

Always use appropriate tools and wear gloves when changing attachments and parts thereof.

For mounting and dismounting attachments bring the support devices into proper position and ensure stability.

Secure the power hoe and attachments against rolling off (parking brake, wheel chocks).

Beware of injuries while coupling attachments.

Hitch attachments as specified and only couple at specified points.

Secure power hoe and attachment against unauthorized use and rolling off when you leave the machine. If necessary, install transport or protective devices and secure.

Hoeing

When hoeing, make sure the depth bar is adjusted properly.

Maintenance

Do not maintain or clean the machine while the engine is running.

Before you work on the engine, always remove the spark plug connector.
1. Safety Instructions

Check regularly and, if necessary, replace all protecting devices and tools subject to wear and tear.
Replace damaged cutting tools.
Always wear safety gloves and use proper tools when exchanging cutting tools.
Do not carry out repairs like welding, grinding, drilling, etc. on structural and safety-relevant parts (e.g. coupling devices)!
Keep power hoe and attachment clean to avoid risk of fire.
Check nuts and bolts regularly for tight fit and re-tighten, if necessary.
Ensure that you re-install all safety and protective devices and adjust them properly after maintenance and cleaning.
Only use original agria spare parts. All other commercial spare parts must correspond to quality and technical requirements specified by agria.

Storage

It is not allowed to store the power hoe in rooms with open heating.
Never park the power hoe in closed rooms with fuel left in tank. Fuel vapours are hazardous.

Engine, Fuel, and Oil

Never let the engine run in closed rooms. Extreme danger of intoxication! For the same reason, also replace damaged exhaust pipes immediately.
Be careful when dealing with fuel. Great danger of fire! Never refill fuel close to open fire, inflammable sparks or hot engine parts. Do not refill fuel in closed rooms. Do not smoke when refilling!
Refill only with the engine shut off and cooled down.
Do not spill any fuel, use a proper filling device.
In case of fuel-spillage, pull the power hoe away from the spillage before you start the engine.
Make sure fuel is of specified quality.
Store fuel in approved cans only.
Liquids leaking under high pressure, e.g. fuel, can penetrate the skin and cause severe injuries. Immediately see a doctor.
Store anti-corrosive agents and stabilizing liquids out of reach of children. If sickness and vomiting occur, see a doctor immediately. If the fuel has contacted eyes, rinse them thoroughly, avoid inhaling of vapours.
Read and observe enclosed instructions.
Before you dispose of opened and seemingly empty pressurised tins (e.g. of assist-starting liquids) make sure they are completely empty. Empty them in ventilated places safe from spark formation or flames. If necessary, dispose of tins in hazardous waste deposits.
1. Safety Instructions

Be careful when draining hot oil, danger of burns.
Make sure oil used is of specified quality. Storage is in approved cans only.
Dispose of oil, greases, and filters separately and properly.

**Electrical System**

Persons having a pacemaker may not touch live parts of the ignition system when the engine is running.

**Signs**

- ![Headphones] When working with the machine, wear individual protective ear plugs.
- ![Gloves] Wear protective gloves.
- ![Shoes] Wear solid shoes.

**Explanation of Safety decals**

Before any cleaning, maintenance, and repair work shut off the engine and pull spark plug connector.

With engine running, keep at a safe distance from hoeing tools.

Do not work without protective guards mounted. Before starting the engine, bring guards in proper position.

Danger – foreign objects may get airborne. Keep clear off machine while engine is running.
2. Specifications: Hoe

**Dimensions:**

<table>
<thead>
<tr>
<th>Letter</th>
<th>Dimension</th>
</tr>
</thead>
<tbody>
<tr>
<td>a</td>
<td>340 mm</td>
</tr>
<tr>
<td>b</td>
<td>570 mm</td>
</tr>
<tr>
<td>c</td>
<td>130 mm</td>
</tr>
<tr>
<td>d</td>
<td>500 mm</td>
</tr>
<tr>
<td>e</td>
<td>600 mm</td>
</tr>
<tr>
<td>h</td>
<td>800–1000 mm</td>
</tr>
<tr>
<td>l</td>
<td>1280 mm</td>
</tr>
<tr>
<td>A</td>
<td>280–460 mm (Type 900)</td>
</tr>
<tr>
<td>k</td>
<td>&gt;900 mm at h = 800 mm</td>
</tr>
</tbody>
</table>

**Power Hoe**

**Clutch:**
- Type 900 ................. Centrifugal clutch
- Type 900-S .................. Cone clutch

**Gearbox:** ........................ Worm gear
- 1 forward speed

**Oil filling quantity:** ........ approx. 0.3 l
- Transmission oil SAE 90-API GL5
  (e.g. PB Energear Hypo)

**Hoeing shaft speed:** ........ 235 rpm

**Steering handle:**
- Type 0900 021/121  .. height adjustable without tools
- Type 0900 131 ............ height and side adjustable without tools

**Weight:**
- Type 900 ...................... approx. 35 kg
- Type 900-S (121) ............ approx. 42 kg
- Type 900-S (131) ............ approx. 44 kg

**Noise levels:**
- Noise level at operator’s ear ................ 80 dB(A)
- (in accordance with EN 709 and EN 1553)

**Vibration acceleration value:**
- on handlebar: .............. \( a_{hw} = 6.2 \text{ m/s}^2 \)
- (in accordance with EN 709 and EN 1033)
2. Specifications: Engine, Type 900

**Engine**

*Manufacturer:* .......... Briggs & Stratton

*Type:* .................................. Quantum

*Version:* ..... Fan-air-cooled 1 cylinder-4-stroke engine (petrol)

*Bore:* ............................... 68 mm

*Stroke:* ............................... 52 mm

**Piston displacement:** ...... 189.6 ccm

**Output:** .............. 3.0 kW at 3000 rpm

**Spark plug:** ...... Champion RJ 19 LM

Spark plug gap: 0.75 mm

**Ignition:**

Electronic magnet ignition, contactless, ignition point is pre-set, radio remote screened according to VDE 0879

**Valve lash (engine cold)**

*Intake:* ....................... 0.10–0.15 mm

*Outlet:* ....................... 0.18–0.23 mm

**Starter:** ....................... Recoil starter

**Fuel tank capacity:** ............... 1.5 l

**Fuel:** ..................... Conventional petrol

Octane number min. 85 RON

(refer to fuel recommendations)

**Air filter:** ................. Dry filter element

**Carburetor:** ..................... Horizontal float carburetor

**Mix control screw:** .... in basic setting

approx. 1 turn open

**Top no-load speed:** ............. 3100 rpm

**Idling speed:** ............... 2100–2400 rpm

**Engine oil:**

Filling quantity .................. approx. 0.6 l

Multi-grade oil SAE 10 W-40

API-SC or higher quality grade

**Operability on Slopes:**

Engine is suited for use on slopes (with oil level at “max” = upper level mark)

Continuous operation possible up to 25° inclination (47 %)

Temporary operation up to 30° inclination (58 %)
2. Specifications: Engine, Type 900-S

Engine

Manufacturer: .......... Briggs & Stratton
Type: ..................................... Quantum
Version: ..... Fan-air-cooled 1 cylinder-4-stroke engine (petrol)

Bore: ..................................... 68 mm
Stroke: ..................................... 52 mm
Piston displacement:....... 189.6 ccm
Output: .................. 3.2 kW at 3000 rpm

Spark plug: ...... Champion RJ 19 LM
Spark plug gap: 0.75 mm

Ignition:
Electronic magnet ignition, contactless, ignition point is pre-set, radio remote screened according to VDE 0879

Valve lash (engine cold)
Intake: ......................... 0.10–0.15 mm
Outlet: ......................... 0.18–0.23 mm

Starter: ......................... Recoil starter

Fuel tank capacity: ....................... 1.4 l

Fuel: ....................... Conventional petrol
Octane number min. 85 RON
(refer to fuel recommendations)

Air filter: .................... Dry filter element

Carburetor: ............... Horizontal float carburetor

Mix control screw: .... in basic setting approx. 1 turn open

Top no-load speed: ............ 3100 rpm
Idling speed: ............ 2100–2400 rpm

Engine oil:
Filling quantity .................. approx. 0.6 l
Multi-grade oil SAE 10 W-40
API-SC or higher quality grade

Operability on Slopes:
Engine is suited for use on slopes (with oil level at “max” = upper level mark)
Continuous operation possible up to .... 25° inclination (47 %)
Temporary operation up to .................. 30° inclination (58 %)
The power hoes agria Type 900 and 900-S are suited for horticultural, agricultural, forestal operations and park maintenance.

**Engine**

The 4-stroke engine runs on unleaded petrol (see fuel recommendations). During the first 20 operating hours (break-in period) do not run the engine at its limits.

**Cooling**

The engine is fan-cooled. Therefore, keep the grille at the recoil starter and the cooling fins of the cylinder clean and free from sucked-in plant trash.

**Idling-speed**

Always ensure that idling-speed is adjusted correctly. At low speeds and with the speed control lever set to the stop in neutral, the engine is supposed to run smoothly and without run-out.

**Air Filter**

The air filter purifies the air intake. A clogged filter reduces engine output.

**Ignition System**

The engine is equipped with a contactless electronic ignition system which does not need maintenance. We recommend to have the necessary check-ups done by an expert only.

**Speed Control Lever**

(Engine off lever) The speed control lever (A/1) on the steering handle serves to control engine speed, to set the CHOKE and to stop the engine. For positions see fig. B

*The speed control lever also serves as an emergency shut-off. In an emergency, move the lever to position “STOP” to shut off the engine fast.*

**Gearbox**

The power hoe is equipped with a worm gear with 1 forward speed.
3. Devices and Operating Elements Type 900

Safety circuit Lever

The power hoe is equipped with a safety circuit lever (A/15).

- **Stop position:** When releasing the lever (A/15), the ignition system is shut off (engine is off).

Beware – engine keeps running due to centrifugal mass.

- **Start and Operating position:** To start and operate (hoeing) the machine, press the safety circuit lever (A/15) down.

The safety circuit lever also serves to shut off the engine in an emergency. Release the safety circuit lever to shut off the engine immediately. The lever automatically goes to STOP position.

⚠️ **Do not tie down the safety circuit lever!**

Clutch

The machine is equipped with a centrifugal clutch. To engage the clutch, increase the engine speed via the speed control lever.

When the speed control lever is in position “neutral”, the machine is decoupled and the engine does not drive the hoeing tools. When the speed control lever is moved to position “HOEING” coupling takes place.

ℹ️ **Note:** The centrifugal clutch is only coupled to the engine at maximum engine speed (position HOEING). See chapter “Hoeing”!

To start the engine, move the speed control lever to position “START/Choke” or “NEUTRAL”. Otherwise, the hoeing tools will start rotating when the engine is being started.
3. Devices and Operating Elements  

**Safety circuit Lever**

The power hoe is equipped with a safety circuit lever.

1. **Stop position:** When releasing the lever (A/15), the ignition system is shut off (engine is off).

Beware – engine keeps running due to centrifugal mass.

2. **Start position:** For starting the engine and for short breaks, pull the hand clutch lever (A/24) and lock with pawl (A/25).

3. **Operating position:** To operate (hoeing) the machine, press the safety circuit lever (A/15) down.

   **Do not tie down the safety circuit lever!**

   The safety circuit lever also serves to shut off the engine in an emergency. Release the safety circuit lever to shut off the engine immediately. The lever automatically goes to STOP position.

**Clutch**

The machine is fitted with a bevel clutch. This is actuated via the clutch hand lever (A/24). Pull the lever to disengage the gear and to stop the engine driving the hoeing tools. When the lever is opened (pawl A/25 is not locked) a positive connection between engine and tools is made and the hoeing tools start operating.

With the control lever pulled, this connection is disengaged and the tools come to a stop.
Never adjust the steering handle during operation – danger!

Steering Handle
Version 0900 021/121

Steering Handle Height Adjustment
Pull the eccentric lever (A/17) upwards. Raise the steering handle to the desired height. Then push the eccentric lever back down. When the eccentric lever loses its grip, retighten the hexagon nut.

Steering Handle Park Position
To store the power hoe in narrow rooms, fold the handlebar all the way up or down into park position.

Steering Handle
Version 0900 131

Steering Handle Height Adjustment
Undo the clamping lever (D/1) until the gears are exposed. Move the steering handle to the desired height and the gears into mesh and retighten the clamping lever.

Side Adjustment
Push down the push plate (E/2). At the same time, give the handlebar a slight pull, as illustrated, and move it to the left or right. Then release the push plate and slightly move the handlebar to the right and left until the gears lock into mesh.
3. Devices and Operating Elements

Hoeing Tools

F
1 Hex nut
2 Washer
3 Extension guard
4 Bolts
5 Guard discs
6 R-clip
7 Add-on hoeing tool, right
8 Hex bolt
9 Base hoeing tool, right
10 Base hoeing tool, left
11 Add-on hoeing tool, left

S = Blade

Working width:
Base hoeing tools: ........ approx. 28 cm
Base hoeing tools and
1 add-on tool: ............... approx. 45 cm
2 add-on tools: ............... approx. 65 cm

Fitting the hoeing tools

Only fit/remove the hoeing tools while the engine is shut off and the spark-plug connector is removed! Wear safety gloves!

28 cm working width:
• Fit the base hoeing tools (F/9 and F/10) onto both ends of the hoeing shaft. Ensure that the blades point into travelling direction. When fitting the second hoeing tool (either left or right), make sure the knives pointing to the housing are fitted in a staggered way to the knives fitted on the opposite end of the shaft.
• Fit hoeing tools with bolts (F/4). Insert the bolts into the holes in the hub and secure them with R-clips (F/6).

45 cm working width:
• Fit the hoeing tools in the same way as described in 28 cm working width.
• Fit the add-on tools (F/7 + 9) in the hubs of the base tools.
• Insert the bolts (F/4) into the holes in the hub and secure them with R-clips (F/6).

65 cm working width:
• Fit and attach the second add-on tool (F/7 + 9).
• Attach the extension guards (F/7 + 9) using attachment bolts (F/1, 2 + 8).

Guard discs

The discs are to prevent shrubs and bushes from being damaged by the hoe and to protect young plants from being covered with soil. In addition, they offer protection for the operator when hoeing along field edges or fences.
• Fit the guard discs (F/5) in the outer hubs on the hoeing tools.
• Insert the bolts (F/4) into the holes in the hub and secure them with R-clips (F/6).
3. Devices and Operating Elements

**Depth bar**
The depth bar slows down the power hoe as the machine is moving forward in the field. The deeper the depth bar setting, the deeper the working depth of the hoeing tools.

**Version 0900 021/121**
You can set the depth bar (G/1) to one of four different positions using the locking pin (G/2). The bar is set to either rigid or pivoting position. To set it to rigid position, lock it into hole "A", and to set it to pivoting position, lock it into hole "B".

**Version 0900 131**
To set the working depth of the depth bar (A/21), fit the R-clip (A/27) in one of the two attachment holes.

**Optional depth bar**
(Available for version 0900 131)
This depth bar (accessory no. 1001 511) (H/1) is available as an option to improve depth control in loose soils. Remove the standard depth bar (A/21) and replace it by the optional depth bar, using the R-clip (H/2).

**Front support wheel**
For easier transport, use the front support wheel. Slide the wheel onto the wheel pin (I/2) at the front of the machine while the wheel is in position B. Then tighten the attachment screw (I/1). You can leave the front support wheel on the machine for hoeing in position A.
**Commissioning**

Please note that durability and operational safety of the engine depend to a large extent on its breaking-in. Always allow a cold engine to warm up for some minutes and never run it at full throttle at the beginning.

Please note: for the first 20 hours of operation (break-in period) do not use the engine at full power.

**Make sure you check and maintain air filters regularly and use clean fuel. Only use branded petrol.**

Only use fresh, clean fuel (not older than 3 months) and approved fuel cans to be purchased in special shops. Rusty sheet metal cans or fuel cans not suited for petrol are not permitted.

For the first commissioning or after longer periods of no operation, fill fuel tank to maximum to avoid starting problems.

⚠️ **Be careful when dealing with fuel.**

⚠️ **Fuel is easily inflammable and explosive in certain conditions!**

- Do not refill in closed rooms.
- Before each fuel fill, shut off the engine and wait until it has cooled off.
- Never refill close to open fire, inflammable sparks or hot engine parts.
- Do not smoke during filling!
- Do not spill any fuel, use a proper filling device.

Do not cause fuel tank to overflow, but leave a 5 mm margin for the fuel to expand.

>Note: For reasons of transport, the engine is not filled with engine oil!

Before you operate the engine the first time, fill in engine oil (see page 29)!
Starting the engine

\[\text{**Do not start engine in closed rooms! Exhaust fumes contain carbon monoxide which acts toxic when inhaled. Keep your feet off the hoeing tools.}\]

- Protective covers mounted?
- Attachments attached correctly?

1. Check engine oil level
2. Mount spark plug connector
3. Air filter clean?
4. Fuel quantity in tank sufficient?
   - Open fuel tap (A/29)- if present (pay attention to model type!)
5. **Cold** engine:
   Set the speed control lever to "START" ("CHOKE") position.
6. **Warm** engine:
   Move the speed control lever to “min.” (Neutral).

7. Pull the safety circuit lever in start position.

8. Start engine from a position outside the hazardous area
   - Pull the starter rope on the handle until the starter clutch engages. Then pull \textbf{hard and fast} to pull the rope all the way out. After the start, let the rope glide back. Do not let it snap back.

9. Once the engine has started, slowly push speed control lever to position “min.”

\[\text{**The hoeing tools are rotating until the machine is in position “min.”}\]
4. Commissioning and Operation Type 900-S

Starting the engine

⚠️ Do not start engine in closed rooms! Exhaust fumes contain carbon monoxide which acts toxic when inhaled.
Keep your feet off the hoeing tools.

Protective covers mounted? Attachments attached correctly?

1. Check engine oil level
2. Mount spark plug connector
3. Air filter clean?
4. Fuel quantity in tank sufficient?

5. Cold engine:
Set the speed control lever to “START” ("CHOKE" position).

Warm engine:
Move the speed control lever to a position between “min.” (Neutral) and “half throttle”.

6. Pull the clutch hand lever (A/24) and lock it with pawl (A/25) (start position).

7. Start engine from a position outside the hazardous area
   - Pull the starter rope on the handle until the starter clutch engages. Then pull hard and fast to pull the rope all the way out. After the start, let the rope glide back. Do not let it snap back.

8. Once the engine has startet, slowly push speed control lever to position “min.”
4. Commissioning and Operation

Shutting off the engine

1. Move speed control lever to NEUTRAL and let the engine run idling for about half a minute.
2. Move speed control lever completely to the STOP position.
3. Withdraw spark plug connector - protection against unauthorised use!

To shut off the engine, do not move the lever to CHOKE position – danger of fire!

The speed control lever also serves as engine shut-off lever. When necessary, move the speed control lever to STOP to stop the engine.

Have the engine cooled down before parking the power hoe in closed rooms.

Hoeing

Check safety circuit function - Only operate the machine if the safety circuit is working!
Wear individual protective ear plugs and solid shoes.
Before you start working, remove all hard objects from the area to be cultivated. While working, watch out for hard objects.
Before moving off, check the immediate surroundings, e.g. for children.

Type 0900
Start the engine

- The hoeing tools start rotating once the speed control lever is moved to position “max.”.

Note: Only operate the hoe at high engine speed (speed control lever in position “max.”). Do not hoe at “half throttle” because the centrifugal clutch will slip and the clutch linings will wear off fast.

To adjust the desired working depth, set the depth bar to one of the four depth settings.
4. Commissioning and Operation

**Type 0900-S**

Start the engine → 25

- Pull the clutch hand lever (A/24) slightly and unlock pawl (A/25). Then release the clutch hand lever and, at the same time, increase the engine speed using the speed control lever. The hoeing tools start rotating.

To adjust the desired working depth, set the depth bar to one of the two depth settings. → 24

---

**Danger zone**

⚠️ Keep out of the machine’s danger zone during starting and operation.

- Only move the power hoe on concrete and asphalted ground with the engine shut off and the front support wheel mounted.

**Warning:** Do not clean the hoeing tools while the engine is running. Shut off the engine and remove the spark plug connector. Remove jammed objects only by means of tools, e.g. a wooden stick.

To clean and exchange the hoeing tools, only recline the machine backwards onto the handlebar (before, remove the depth bar).
Apart from adhering to operating instructions for power hoe, it is also important to observe the following maintenance instructions.

**Warning:** Only do maintenance work with the engine shut off.

To prevent accidental start while working on the hoe or the engine, always remove the spark plug connector from the spark plug.

The power hoe will operate reliably at all times, if it receives proper servicing. After each operation clean the power hoe, especially the hoeing tools. Lubricate all visible and moving parts now and then with Bio-lubricating oil or Bio-lubricating grease (steering handle pivot bearing, bearing of clutch hand lever), especially after cleaning the machine with a pressure washer.

### Gearbox

**Check transmission oil level in gearbox** after every 8 operating hours. With the gearbox housing in horizontal position, the oil level must be visible in the filling opening.

**Change transmission oil** after the first 50 operating hours and then after every 250 operating hours.

- Remove the oil drain plug. (3).
- Tilt the machine forward to drain the oil.
- Refit the drain plug together with O-ring and tighten it.
- Remove the oil filler plug (1) and fill in transmission oil (see specifications).
- Refit the oil filler plug together with O-ring and tighten it. Check O-rings and exchange them, if necessary.

Oil filling quantity is approx. 0.3 l.
Engine

Check engine oil level

Each time before you take up operation and after every 5 operating hours!

- Check only with engine shut off and in horizontal position.
- Clean the oil filler plug (A/18) and its surrounding parts.
- Remove the oil filler plug. Clean the oil-dipstick with a clean cloth and put it all the way back in. Remove the oil dipstick and read the oil level.
- Refill oil, if the oil level is below the lower dip-stick mark. Refill engine oil (see “Specifications”) up to upper level mark on dip-stick.

Change Engine Oil

The first oil change is after 5 operating hours. Subsequent oil changes are after 50 operating hours or once a year, depending on which period is completed first, while the engine is still warm, but not hot – danger of burns! At extreme strain and high temperatures, change oil after 25 operating hours.

- Remove drain plug and filler plug (A/18).
- To drain the oil, move the steering handle up, tilt the power hoe to the left rear and pour the oil into a proper container (Before you do this we recommend draining the fuel tank through the filler neck into a petrol can) or use a suction pump to suck out the old oil through the oil filler neck.
- Dispose of old oil properly!
- Fill fresh engine oil. For oil filling quantity and quality, refer to chapter “Specifications”.
If possible, use a funnel or similar device to fill in oil.
5. Maintenance

Air Filter

Check the air filter (A/5) each time you take up operation for dirt and clean, if necessary.

Clean air filter insert after every 3 months or after every 25 operating hours at the latest (in case of heavy dust occurrence earlier). For this purpose, proceed as follows:

1. Loosen the screw and fold down the cover.
2. Tap the filter insert on a smooth surface and wash it in non-foaming, warm suds. Do not use detergents containing paraffine (petrol etc.). Rinse it inside out in running water, rinse until the water stays clear.
3. Let the insert air-dry completely, before you put it back in.
4. Do not treat the insert with oil and do not blow it clean with compressed air.

After every 100 operating hours or if heavily soiled or damaged, replace the air-filter insert.

Fuel System

- Each time you maintain the machine, check fuel hose, fuel tank, and carburetor for leakages and repair, if necessary. Immediately replace leaking or porose fuel hose.
- Replace fuel hoses after every 2 years.

Excessive fuel supply

- If engine fuel supply is too high, move the speed control lever to “max.” (FULL THROTTLE) and crank the engine with the recoil starter until the engine starts again.

Do not crank the engine when the spark plug is removed.
5. Maintenance

Spark Plug

- After every 50 operating hours or in case of misfiring:
  
  - remove soot from spark plug electrodes with a steel brush
  - check spark plug gap and set to 0.6...0.7 mm
  - Exchange the spark plug after approx. 200 operating hours.

- With spark plug or spark plug cable removed, do not check the ignition for spark formation. Only use approved testing equipment.

Cleaning Cooling System

Clogging of plants and dust may occur in the cooling system. Operation with the cooling system clogged lets the engine heat up and causes damage.

- Always check cooling-air screen (C/7) and remove dirt and plants sucked in.

- Clean fan system at least once per year, preferably before the season starts. Take off fan case and clean cooling fins on both, cylinder and cylinder head, in addition to the fins and the cooling-air screen.

Exhaust

Regularly check surrounding parts of the muffler (A/19), if necessary free it from grass, dirt and inflammable deposits.

- Danger of fire!
  Check each time before you take up operation.
5. Maintenance

Governor
For smooth engine performance keep governor linkages, springs and actuating devices clean and free from dust and dirt. Do not bend or twist parts. (Governor linkages on carburetor A/6).

Removing Carbon Deposits
After every 100 hours of operation take off the cylinder head and remove carbon deposits on the cylinder, cylinder head, piston crown, and valves and renew head gasket.

Safety circuit Function
Check safety circuit function for proper function each time you take up operation and you do maintenance work on the machine.
Type 900:
- Upon release of the lever (A/15) the engine must automatically come to a stop.

Type 900-S:
- Upon release of the lever (A/15) and when the clutch is engaged the engine must automatically come to a stop.
- Check electric lines and connections for good condition and exchange them, if necessary.

Speed Control
Devices for actuating engine speed must be adjusted correctly to start, operate and shut off the engine at correct speed rates.

Function Check
Remove the air filter (see page 30). Set the speed control (A/1) to CHOKE. The air flap on the carburetor must be closed.

Carburetor Settings
Small differences in fuel, temperature, height or strain may require slight adjustment of the carburetor. Only let engine run with air filter and air filter cap fitted.
5. **Maintenance**: General, Cleaning

**Adjustments on Hand Levers** (Type 900-S)

Check clutch play or clutch adjustment each time you operate the machine. If necessary, re-adjust (especially after commissioning the machine during break-in period, and after exchanging clutch linings and brake pads).

1. Remove retaining spring (2) and use set pin (4) to press cable end (3) out of bracket in hand lever.
2. Adjust the set pin (4) to a play of X
3. Hook the cable end into the bracket with the set pin and fit retaining spring (2).

**Clutch**

$X = 3-5 \text{ mm (clutch play)}$

$! = \text{The bowden cable must be placed in the hand lever support on top position!}$

---

**General**

1. Watch out for fuel and oil leakage and repair, if necessary.
2. Regularly check bolts and nuts for tight fit and retighten, if necessary.
3. Once a year and after cleaning slightly grease all gliding and moving parts (e.g. speed control lever, hand lever bearing, etc.) with Bio-lubricating grease and Bio-slushing oil.

**Cleaning**

**Engine**

Clean the engine only with a cloth. Avoid spraying with a pressure washer, as water might leak into ignition and fuel system, causing malfunctions.

**Machine**

After each operation immediately clean the tilling tools. Grease all gliding parts with Bio-lubricating grease and Bio-slushing oil.

After each cleaning with a pressure washer lubricate all lubrication points and let power hoe run for a short time to press water out.

Apply grease generously to leave a grease ring around bearings to prevent water, plant sap, and dirt from penetrating.
Storage

For longer periods of no operation prepare the power hoe for storage. Proceed as follows:

a) Clean thoroughly
Repair paint coat

b) Spray all shining parts and hoeing tools with bio-slushing oil.

c) Engine preservation
- Drain fuel completely and let the engine run until it comes to stop due to lack of fuel
or
add fuel stabilizer (agria No. 799 09).
- Observe enclosed instructions.
Let engine run for approx. 1 minute.
- Change the engine oil.
- Fill a tea-spoon (approx. 0.03l) of engine oil into the spark plug opening.
- Slowly crank the engine.
- Set the piston to compression with the recoil starter to keep the valves closed.
- Slowly crank the engine after every 2–3 weeks (spark-plug connector is removed). Then set the piston to compression again.

d) Shutting off and parking
To park, transport, or store the power hoe, do not tilt it forward. When positioned at a forward angle, engine oil may get into the cylinder and into the combustion engine, which may result in starting problems and heavy oil carbonization.

d) Clutch (Type 900-S)
Always park the machine with hand clutch lever pulled (pawl locked in place). Otherwise, clutch problems may result due to corrosion.

e) Storing the machine
Because of severe corrosion do not park the machine
- in humid rooms
- in rooms where fertilizer is stored
- in stables or adjacent rooms.

f) Protect the machine
with cloth or a similar cover.
Varnishes, Wear Parts

agria order no.

799 09   Fuel stabilizer    pouch 5g

⚠️ Please read and observe enclosed instructions!

Varnishes

181 03   Spray varnish birch-green   spray tin 400ml
712 98   Spray varnish red, RAL 2002   spray tin 400ml
509 68   Spray varnish black   spray tin 400ml

Wear Parts

672 44   Air filter insert
686 34   Spark plug RJ 19 LM
021 48   O-ring for hoeing drive Ø 14 x 2.5
704 31   Hoeing tine, left
704 32   Hoeing tine, right
704 42   Linch pin 2 x 43
704 18   Pin for hoeing tools

Spare Parts

997 085   Power hoe 900
## Observe safety instructions!

Have all serious malfunctions on the machine or engine repaired by your agria workshop. They have the proper tools. Improper repairs can only add to the damage.

<table>
<thead>
<tr>
<th>Problem</th>
<th>Possible cause</th>
<th>Possible solution</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Engine does not start</td>
<td>- Spark plug connector not connected</td>
<td>Connect spark plug connector</td>
<td></td>
</tr>
<tr>
<td></td>
<td>- Speed control lever not in position CHOKE</td>
<td>Move speed control lever to position “CHOKE”</td>
<td>24; 25</td>
</tr>
<tr>
<td></td>
<td>- Fuel tank empty or poor fuel</td>
<td>Fill fresh fuel</td>
<td></td>
</tr>
<tr>
<td></td>
<td>- Fuel line clogged</td>
<td>Clean fuel line</td>
<td></td>
</tr>
<tr>
<td></td>
<td>- Defective spark plug</td>
<td>Clean, adjust or exchange spark plug</td>
<td>31</td>
</tr>
<tr>
<td></td>
<td>- Engine too much fuel (&quot;flooded engine&quot;)</td>
<td>Dry and adjust spark plug and start at full throttle</td>
<td>31</td>
</tr>
<tr>
<td></td>
<td>- Inleaked air due to loose caburetor and suction line</td>
<td>Tighten attachment bolts</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Problem</th>
<th>Possible cause</th>
<th>Possible solution</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Misfirings in engine</td>
<td>- Engine running in CHOKE range</td>
<td>Move speed control-lever to position HOEING, if necessary, adjust speed control</td>
<td>24; 25</td>
</tr>
<tr>
<td></td>
<td>- Loose ignition cable</td>
<td>Fit connector tightly on spark plug</td>
<td></td>
</tr>
<tr>
<td></td>
<td>- Clogged fuel line or poor fuel</td>
<td>Clean fuel line, fill fresh fuel</td>
<td></td>
</tr>
<tr>
<td></td>
<td>- Vent opening in fuel tank cap clogged</td>
<td>Exchange fuel tank cap</td>
<td></td>
</tr>
<tr>
<td></td>
<td>- Water or dirt in fuel system</td>
<td>Drain fuel and fill fresh fuel</td>
<td></td>
</tr>
<tr>
<td></td>
<td>- Air filter clogged</td>
<td>Clean air filter or exchange</td>
<td>30</td>
</tr>
<tr>
<td></td>
<td>- Carburetor misadjusted</td>
<td>Re-adjust carburetor</td>
<td>32</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Problem</th>
<th>Possible cause</th>
<th>Possible solution</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Excessive temperature in engine</td>
<td>- Low engine oil level</td>
<td>Refill oil immediately</td>
<td>29</td>
</tr>
<tr>
<td></td>
<td>- Impaired cooling</td>
<td>Clean cooling fan grille, clean internal cooling fins</td>
<td>31</td>
</tr>
<tr>
<td></td>
<td>- Air filter clogged</td>
<td>Clean air filter</td>
<td>30</td>
</tr>
<tr>
<td></td>
<td>- Carburetor misadjusted</td>
<td>Re-adjust carburetor</td>
<td>32</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Problem</th>
<th>Possible cause</th>
<th>Possible solution</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Misfirings in engine at high speeds</td>
<td>- Short firing intervals</td>
<td>Adjust spark plug</td>
<td>31</td>
</tr>
<tr>
<td></td>
<td>- Incorrect idle mixture</td>
<td>Adjust carburetor</td>
<td>32</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Problem</th>
<th>Possible cause</th>
<th>Possible solution</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Engine frequently stalls in idle</td>
<td>- Firing interval too long, defective spark plug</td>
<td>Adjust or replace spark plug</td>
<td>31</td>
</tr>
<tr>
<td></td>
<td>- Carburetor misadjusted</td>
<td>Re-adjust carburetor</td>
<td>32</td>
</tr>
<tr>
<td></td>
<td>- Air filter clogged</td>
<td>Clean air filter</td>
<td>30</td>
</tr>
</tbody>
</table>
### 6. Troubleshooting

<table>
<thead>
<tr>
<th>Problem</th>
<th>Possible cause</th>
<th>Possible solution</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Engine does not run smoothly</td>
<td>Speed control linkages are clogged or jammed</td>
<td>Clean speed control linkages</td>
<td>32</td>
</tr>
<tr>
<td>Engine does not stop when set to stop</td>
<td>Speed and engine stop are not properly adjusted</td>
<td>Readjust speed control</td>
<td>32</td>
</tr>
<tr>
<td>Engine output too low</td>
<td>Loose cylinder head or damaged gasket</td>
<td>Tighten cylinder head, exchange gasket</td>
<td>32</td>
</tr>
<tr>
<td></td>
<td>Poor compression</td>
<td>Have engine checked</td>
<td>32</td>
</tr>
<tr>
<td></td>
<td>Air filter clogged</td>
<td>Clean the air filter</td>
<td>30</td>
</tr>
</tbody>
</table>

**Type 900:**

<table>
<thead>
<tr>
<th>Problem</th>
<th>Possible cause</th>
<th>Possible solution</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hoeing shaft does not come to a stop in position NEUTRAL</td>
<td>Speed control lever not properly adjusted</td>
<td>Adjust speed control lever</td>
</tr>
<tr>
<td></td>
<td>Idling speed not properly adjusted</td>
<td>Adjust idling speed</td>
</tr>
</tbody>
</table>

**Type 900-S:**

<table>
<thead>
<tr>
<th>Problem</th>
<th>Possible cause</th>
<th>Possible solution</th>
</tr>
</thead>
<tbody>
<tr>
<td>Clutch does not decouple</td>
<td>Hand clutch lever misadjusted</td>
<td>Adjust clutch free play</td>
</tr>
<tr>
<td>Clutch slips</td>
<td>Hand clutch lever misadjusted</td>
<td>Adjust clutch free play</td>
</tr>
<tr>
<td></td>
<td>Worn out clutch</td>
<td>Exchange clutch cone</td>
</tr>
<tr>
<td>Excessive vibration</td>
<td>Loosened attachment bolts</td>
<td>Tighten attachment bolts</td>
</tr>
</tbody>
</table>

* = For this purpose contact your agria workshop.
## Inspection and Maintenance Chart

<table>
<thead>
<tr>
<th>Operation/Part</th>
<th>Frequency</th>
<th>After Operating Hours</th>
<th>Min. Every 3 Months</th>
<th>Min. Yearly</th>
<th>B</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Check safety circuit lever function</td>
<td>K</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>32</td>
</tr>
<tr>
<td>Check clutch play (type 900-S)</td>
<td>K</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>33</td>
</tr>
<tr>
<td>Check cooling air screen</td>
<td>K</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>31</td>
</tr>
<tr>
<td>Check air filter</td>
<td>K</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>30</td>
</tr>
<tr>
<td>Clean surrounding parts of exhaust</td>
<td>K, K</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>31</td>
</tr>
<tr>
<td>Check engine oil level, refill, if necessary</td>
<td>K, K</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>29</td>
</tr>
<tr>
<td>First engine oil change</td>
<td>W</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>29</td>
</tr>
<tr>
<td>subsequent oil changes</td>
<td>W</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>29</td>
</tr>
<tr>
<td>Transmission oil level</td>
<td>K</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>28</td>
</tr>
<tr>
<td>Clean engine, check bolts and nuts</td>
<td>K</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>33</td>
</tr>
<tr>
<td>Clean air filter insert</td>
<td>W</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>30</td>
</tr>
<tr>
<td>First transmission oil change,</td>
<td>W</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>28</td>
</tr>
<tr>
<td>subsequent changes</td>
<td>W</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>28</td>
</tr>
<tr>
<td>Clean spark plug, adjust spark plug gap</td>
<td>K</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>31</td>
</tr>
<tr>
<td>Replace air filter insert, earlier, if required</td>
<td>W</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>30</td>
</tr>
<tr>
<td>Clean cylinder head</td>
<td>F</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>32</td>
</tr>
<tr>
<td>Replace spark plug</td>
<td>K</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>31</td>
</tr>
<tr>
<td>Lubricate all gliding parts</td>
<td>K, K</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>33</td>
</tr>
<tr>
<td>Clean guide plates of fan grille and cooling fins – earlier, if required</td>
<td>F</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>31</td>
</tr>
<tr>
<td>Check function of speed control</td>
<td>W</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>32</td>
</tr>
<tr>
<td>Replace fuel hoses</td>
<td>W*</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>30</td>
</tr>
</tbody>
</table>

A = Each time before you take up operation
B = After each cleaning
K = Checks and maintenance to be executed by operator
W = Maintenance to be executed by professional workshop
F = Maintenance to be executed by Your agria workshop
* = after 2 years
Conformity Declaration

EG-Konformitätserklärung
CE Déclaration de conformité
EC Declaration Conformity
EG conformiteitsverklaring

agria-Werke GmbH
Bittelbronner Str. 42
D-74219 Möckmühl/Württ.

Wir erklären, dass das Produkt
Motorschere
mit folgenden EG-Richtlinien übereinstimmt:
98/37/EG, 89/336/EWG, 2000/14/EG
98/37/EC, 89/336/CEE, 2000/14/CE

Angewendete Normen:
EN 709

Wir
agria-Werke GmbH
Bittelbronner Str. 42
D-74219 Möckmühl/Württ.

Nous déclarons que le produit
Motobineuse
est conforme aux spécifications des directives CE suivantes:
98/37/EC, 89/336/CEC, 2000/14/CE
98/37/EC, 89/336/EEC, 2000/14/EC

Nous
agria-Werke GmbH
Bittelbronner Str. 42
D-74219 Möckmühl/Württ.

herewith declare that the product
Motor hoe
conforms to the specifications of the following EC directives:
98/37/EC, 89/336/EEC, 2000/14/EC
98/37/EC, 89/336/EG, 2000/14/EG
De volgende normen zijn toegepast:

N.L.
Wij
verklaren dat het produkt
Motorfreezes
overeenkomt met de desbetreffende EG-richtlijn:

Siegfried Arndt
Geschäftsführer
Directeur
Managing Director
Bedrijfsleider

Karl Graf
Entwicklung & Konstruktion
Développement et études
Research and Development
Ontwikkeling en constructie
THE WINNING TEAM

Cutter bar mower  Tool Carrier  Ride-on Brushcutter

Motor hoe  One-Wheel Hoe  Two-wheel tractor

Sweeper  Scarifier  Multi-Purpose Machine

Contact your authorised agria dealer for service and prompt delivery of spare parts