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

<table>
<thead>
<tr>
<th>Data to Complete</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Machine Art. No.</td>
<td>13</td>
</tr>
<tr>
<td>ID/Machine No.</td>
<td>13</td>
</tr>
<tr>
<td>Date of Purchase</td>
<td>15</td>
</tr>
</tbody>
</table>

Name plate is on the right machine side. 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.
Amount of Delivery

Before you assemble the shredder, make sure the following components are included in the delivery. If the delivery is not complete or contains damaged components, please contact your AGRIA dealer.

### AllShredd-Compact

- **AllShredd basic module**: 1
- **Operating instructions**: 1
- **1 Chassis axle**: 1
  - **2 Washers**: 4
  - **3 Wheels**: 2
  - **4 Pins**: 2
  - **5 Wheels covers**: 2

### AllShredd-Comfort

- **AllShredd basic module**: 1
- **Operating instructions**: 1
- **Bin**: 1
- **1 Chassis axle**: 1
  - **2 Washers**: 4
  - **3 Wheels**: 2
  - **4 Pins**: 2
  - **5 Wheels covers**: 2

### Assembly

1. Push wheel axle (1) into boring of the chassis support (see fig).
2. Fit washers (2) and wheels (3) onto both ends of the axle (see fig.).
3. Insert pins (4) into the borings along the axle and bend the ends of the pins.
4. Fit the wheel covers (5).
**Recommendations**

**Lubricants and Anti-Corrosive Agents:**

We recommend using bio-slushing oil for preservation of machines and implements (do not apply on painted external covers). Oil can be brushed or sprayed on.

Bio-lubricants and 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.

**Maintenance and Repair:**

The trained mechanics of your AGRIA workshop carry out expert maintenance and repair.

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

Have repairs on the electrical system only carried out by skilled personnel.

**AGRIA Order Numbers:**

**Anti-Corrosive Agents:**

- 690 36 Bio-slushing oil bottle 500ml

⚠️ 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

**Accessories:**

- 997 094 List of spare parts Type 7300
- 7379 011 Extension lead 2.5 mm²/ 25 m
- 7371 911 Hopper
Designation of Parts

AllShredd-Compact

1. Hopper (accessory)
2. Latch of cover or Latch for hopper
3. Basic module with motor and shredder
4. Chute
5. Chassis support
6. On/off switch
7. Knob for rotor direction/ emergency-off switch
8. Charging cover
9. Control panel
10. Chassis legs
11. Wheels
1. Safety Instructions

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

**Warning Decal**

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

**Due Use**

The AGRIA AllShredd machine is suitable for private use in gardens.

Shredders which have been designed for use in private gardens may not be used for business purposes in public parks, sport facilities and in agriculture and forestry (due use).

The shredder is suited to shred organic matter, e.g. plant trash, shrubs, branches, bulbs and soil balls.

However the shredder is not suited for soil conditioning.

Any other type of use 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 shredder render manufacturer liability null and void.

**General Instructions on Safety and Accident Prevention**

**Basic Rule:**

The standard accident prevention regulations must be adhered to, as well as all other generally accepted rules governing operational safety and occupational health.

Check the shredder for operational safety each time you take up operation.

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

Teenagers younger than 16 years may not operate the shredder!

Do not use the shredder while people, especially children or animals, are in the immediate surroundings. The user holds full responsibility for their safety and is liable for any damages resulting from this situation.

Only work in good light and visibility.
1. Safety Instructions

Operator’s clothes should fit tight. Avoid wearing loose fitting clothes.
Wear solid shoes, gloves and safety goggles.

Note the warning and instruction decals for safe operation. Compliance is for your own safety.

Beware! Rotating tools! Injury risks to fingers! Keep at a safe distance!

Beware! Coasting tools! Before you start any maintenance or repair on them, wait until tools have come to a complete stop.
For transport, make sure the shredder is securely mounted on the vehicle or trailer.

Working Area and Hazardous Area

The user is liable to third parties working within the hazardous area.

Staying in the hazardous area of the shredder is not permitted.

Check the immediate surroundings of the shredder before you start it. Watch out for children and animals.
Before you start work, remove any foreign objects from the shredder. Ensure the power supply is disconnected. During operation, always watch out for further objects and remove them in time.

Operation and Safety Devices

Before you start operation

Become familiar with all devices, controls and their functions. Above all, learn how to turn off the shredder quickly and safely in case of an emergency.

Ensure that all protective devices are mounted and positioned to provide protection.

At no means, operate the shredder with safety devices damaged or defect. Check the function of safety devices each time you take the machine into operation.

Check and if necessary exchange the power supply lead and extension lead for damages and brittleness. Only a skilled electrician is authorized to exchange the power supply lead.

For the shredder’s power supply, use only extension leads of minimum quality H07RN-F, up to 15 m in length the minimum diameter should be 3 x 1.5 mm² and for leads of a length of more than 15 m the minimum diameter should be 3 x 2.5 mm² (according to DIN/VDE 0282).

Sockets of leads must be rubber or rubber-coated (according to DIN/VDE 0620).

In the electric circuit of the connecting line a FI a fault current breaker of max 30mamps or any other protective device has to be installed. The coupler socket of the extension lead must be spray water proof.
1. Safety Instructions

Do not remove or bypass the safety devices built into the machine.

**Operation**

*If the rotors become blocked, turn off the shredder, unplug the mains plug and use a suitable object (e.g. a pointed piece of wood) to clean the shredder.*

*If the shredder has been damaged, immediately turn off the machine and have the damage repaired.*

*When the shredder is closed (hopper is mounted and charging cover is closed) do not reach into the chute.*

**End of Operation**

*Switch off the motor, then disconnect the mains plug, then remove the plug from the socket on the shredder.*

*Never leave the shredder unattended with the motor on.*

**Cleaning, Service**

*Before you clean or service the shredder, turn off the motor and pull the mains plug. To avoid injuries, wear safety gloves.*

*Before you dispose of opened and seemingly empty pressurised tins (e.g. varnishes) make sure they are completely empty.*

**Explanation of Warning Decals**

*Read and observe instructions before you operate the machine.*

*Danger! Risk of injuries through rotating tools. Keep at a safe distance!* 

*Danger! Coasting tools! Before you work on the machine, wait until tools have come to a complete stop.*

*Before any maintenance, service and repair work, switch off the machine and unplug the mains plug.*

*For extension leads of up to 15 m the minimum diameter is 1.5 mm² and for extension leads of more than 15 m minimum diameter is 2.5 mm².*
### Designation of Parts

#### AllShredd-Comfort

<table>
<thead>
<tr>
<th>Part</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Hopper (accessory)</td>
</tr>
<tr>
<td>2</td>
<td>Latch of cover or Latch for hopper</td>
</tr>
<tr>
<td>3</td>
<td>Basic module with motor and shredder</td>
</tr>
<tr>
<td>4</td>
<td>Bin</td>
</tr>
<tr>
<td>5</td>
<td>Chassis support</td>
</tr>
<tr>
<td>6</td>
<td>On/off switch</td>
</tr>
<tr>
<td>7</td>
<td>Knob for rotor direction/emergency-off switch</td>
</tr>
<tr>
<td>8</td>
<td>Charging cover</td>
</tr>
<tr>
<td>9</td>
<td>Control panel</td>
</tr>
<tr>
<td>10</td>
<td>Chassis legs</td>
</tr>
<tr>
<td>11</td>
<td>Wheels</td>
</tr>
</tbody>
</table>
2. Specifications

Dimensions:

A .............................................. 594 mm
b .............................................. 391 mm
e  Compact ............................. 350 mm
e  Comfort ............................... 510 mm
h .............................................. 960 mm
l ............................................... 615 mm

AllShredd-Compact

Drive: ......................... Electric motor
Input: ................................. 2200 Watt
Supply voltage: ......... 230V ~ 50 Hz
Rated speed: ............... 2870 rpm
Duty cycle: .......................... S6-40%
Fuse rating: ..................... 16 amps, inert
Spray water protected: ................

Gearbox: ..................... Planetary gear
Drive speed: ..................... 2800 rpm
Shredding rotor speed: .......... 40 rpm
Material diameter: .......... max. 30 mm (fresh)
Weight: ................................. 39 kg
Noise level: ...................... $L_{WA}$ 89 dBA
Accessory: ......................... Hopper

AllShredd-Comfort

Drive: ......................... Electric motor
Input: ................................. 2400 Watt
Supply voltage: ......... 230V ~ 50 Hz
Rated speed: ............... 2870 rpm
Duty cycle: .......................... S6-40%
Fuse rating: ..................... 16 amps, inert
Spray water protected: ................

Gearbox: ..................... Planetary gear
Drive speed: ..................... 2800 rpm
Shredding rotor speed: .......... 40 rpm
Material diameter: .......... max. 35 mm (fresh)
Weight: ................................. 42 kg
Bin: ................................. approx. 60 l
Noise level: ...................... $L_{WA}$ 89 dBA
Accessory: ......................... Hopper

When operating the shredder with an electric power unit, the shredding output will be reduced.
3. Devices and Operating Elements

The shredder AGRIA AllShredd 7300 is suited to shred organic matter, e.g. plant trash, branches, soil balls and similar garden waste in private gardens.

Motor, Gearbox

The rotors are driven by an electric motor and a two-speed planetary gearbox. Both, the motor and the gearbox are maintenance-free.

How the rotors work

Two interlocking rotors counter-rotate to shred the material and clean it out. The shredding rotors defibrate, shred and crush any natural material. This ensures an optimum preparation for compost. The design of the shredding and cleaning components ensures smooth operations without blockages, provided the shredder is operated and fed as appropriate.

It is not necessary to readjust the rotors, doing away with maintenance work.

Rotors

1 Drawing in
2 Cutting
3 Crushing
4 Defibrating
5 Cleaning out

Charging Cover

The charging cover (8) opens for branched material to be fed in and for the machine to be cleaned.

To open:
1 Press the cover latch.
2 Fold up the cover.

To close:
Fold back the cover and engage it with the latch.
3. Devices and Operating Elements

**Hopper (Accessory Article 7371 911)**

To charge the shredder with long and branched material, we recommend using the hopper (1).

The AllShredd Shredder is equipped with a safety switch at the charging opening. Therefore, the shredder can only be operated with the cover closed or with the hopper installed.

**Assembly:**

1. Open charging cover.
2. Place the hopper onto the charging opening.
3. Fold down and engage the latch on the cover.
4. Close the latch.

**Disassembly:**

1. Disengage the charging cover on the hopper.
2. Open the latch
3. Disengage the latch from the cover.
4. Remove the hopper.
5. Close the charging cover.
3. Devices and Operating Elements

Bin

AllShredd-Comfort

1 To remove the bin

hold the bin at the top and tip it backwards. Then remove the bin from the AllShredd-chassis.

![Image of AllShredd-Comfort bin removal](image1)

2 Empty the bin

![Image of AllShredd-Comfort bin emptying](image2)

3 To fit the bin

- see figure to properly install the bin to the support leg;
- tip the top part of the bin into the chassis.

![Image of AllShredd-Comfort bin fitting](image3)

Before you install the bin, check the vents for blockages, clean if necessary. – The vents serve for motor cooling.

AllShredd-Comfort is equipped with a safety circuit fitted to the bin. Therefore you can only operate the machine with the bin installed.
3. Devices and Operating Elements

Controls

6 Toggle switch to turn the machine on/off.
7 Knob for rotor direction. This is to reverse the sense of rotation of the shredding rotors. It also serves as emergency-off switch. For this purpose, turn the knob to position 0.

Reverse Drive
If the rotor drive is overloaded (e.g. the material is too thick) the drive will automatically switch to reverse operation. This prevents the shredding rotors from becoming blocked or jammed and from damaging the shredder.
The same function can also be controlled manually with the knob for rotor direction (7). This may become necessary when material containing water is shredded and the rotors become blocked. For reverse drive, move the knob for rotor direction to position “Reverse”.
Each time the knob for rotor direction is turned (7), you have to switch the drive on again with the toggle switch (6).

Safety Devices

Safety Switch
The shredder is equipped with a two-fold safety circuit which switches the rotor drive off as the cover is opened or the hopper is fitted to the machine.
On the AllShredd-Comfort, there is an additional safety switch on the bin. Therefore, the bin has to be installed before you can operate the shredder. When you take out the bin the rotor drive is switched off.

Warning! Coasting tools! Wait until they have come to a complete stop, before you work on them.

Emergency off switch
The knob for rotor direction (7) is also the emergency off switch (turn to position 0).
4. Commissioning and Operation

Commissioning the Shredder

Please note that durability and operational safety of the machine depend to a large extent on proper operation and careful handling.

Instructions to take up operation

![Warning icon]

Place the shredder on even and firm ground. Make sure it is stable. The shredder may not be tilted or positioned at an angle during operation.

Connecting the Shredder

Do not route the extension lead over the charging opening/hopper or under the chute.

When you pay the extension lead make sure the cable is not squeezed or damaged otherwise.

Always pull the extension lead on the plug to disconnect it from the power supply.

The mains socket must be protected by a fuse of at least 16 amps.

First connect the extension lead to the socket on the shredder, then connect it to the mains socket.

Stopping the Shredder

Before you switch the shredder off, make sure the rotor drive has been cleaned out completely.

1. To switch the machine off move the toggle switch (6) to position 0.

![Warning icon]

Warning! The rotors keep coasting for a short time! Wait until they have come to a complete stop before you start working on the shredder. Never leave the shredder with the motor still on. After you switch off the motor, disconnect the mains plug.

After work has finished, clean the shredder.
4. Commissioning and Operation

Instructions for Proper Shredding

Always wear gloves and goggles when working with the shredder.

Never reach into the charging opening or into the chute while the shredder is connected to the power supply.

When you switch on the shredder, make sure the charging cover is closed or the hopper and chute are installed.

Do not route the extension lead near the charging opening and the chute while shredding.

If the shredder is moved during the operation, switch off the motor and pull the mains plug. Never transport the shredder while the motor is on.

The knob for rotor direction also serves as emergency-off switch. If necessary, you can use this knob to switch off the shredder.

Do not feed stones, soil, glass, textiles, plastics and metal parts into the shredder because they may damage the shredding rotors and the drive and cause blockages.

The AGRIA AllShredd is also suited to shred soft and water-containing material (e.g. wet plant trash with wet soil balls).

As this material compacts very fast it should always be shredded with branches and dry material in turns.

Otherwise, if soft and water-containing material is shredded alone the material will be air-tight and decay instead of rotting properly for compost.

In addition, the material may block the shredding rotors.

If the charging hopper or the rotors become blocked because too much wet material has been fed into the shredder, you can generally clear the machine by feeding in dry branches.

Before you shred extremely long material, shorten it to prevent it from “whipping” the operator.
4. Commissioning and Operation

Operating the Shredder

1. Turn the knob for rotor direction (7) to position (a).
2. Press the toggle switch (6) and turn the shredding drive on.
3. Check the safety switch for proper function. Open the charging cover or remove the hopper. The drive must automatically and instantly switch off.

   Warning! If this is not the case, do not operate the shredder. Contact your AGRIA workshop.

4. Feed in material in accordance with due use (see Specifications) and of maximum thickness as indicated.
   The shredder automatically draws in the material.

In Case of Blockages

The shredding rotors may become blocked by foreign objects, by too much material fed in or brushwood which is too thick.

Remove the Blockage

1. Move knob for rotor direction (7) to position (b).
2. Press the toggle switch (6) to turn on the rotor drive.
   This releases the material blocking the rotors.
3. Move the knob for rotor direction (7) back to position (a).
4. Wait until rotors have come to complete stop. Then press the toggle switch (6) to turn on the rotor drive.
   In case of total blockage, repeatedly change the rotational direction.

   If a repeated change of rotational direction does not free the rotors from the blockage, clean the rotors manually.
4. Commissioning and Operation

Cleaning the Rotors Manually:
1. Press the toggle switch (6) to switch off the rotor drive. Then disconnect the machine.
2. Open the charging cover or remove the hopper.
3. Clean the rotors with a suitable tool, e.g. a pointed piece of wood.

Automatic Reverse
In case of a sudden blockage, the rotors automatically change their sense of rotation and the material is transported up and out.
1. Press the toggle switch (6) to switch off the rotor drive.
2. Remove the material and the blockage.

If it is necessary to open the charging cover to remove the blockage, additionally disconnect the mains plug.
3. Press the toggle switch (6) to switch on the rotor drive.

Overload Protection
The motor is equipped with an overload protection which turns the motor off in case it is overloaded.
This applies especially for blockages of the rotors. The motor switches off after approx. 8–12 seconds.

⚠️ After turning the motor off via overload protection, it is of paramount importance to wait 5 minutes until the motor has cooled down.
5. Maintenance, Storage

Apart from adhering to operating instructions for the shredder, it is also important to observe the following instructions on servicing and storing the machine.

Service includes all work to keep your shredder in good operating condition and to prevent accidents and breakdowns.

⚠️ Before you start cleaning or servicing your machine, switch off the motor and disconnect the machine. To prevent injuries, wear safety gloves.

Cleaning, Service

Dirt and chops are most easily removed immediately after shredding. We recommend using a soft brush and a cloth. To remove chops in the rotors use a proper tool, e.g. a pointed piece of wood.

Do not clean the shredder with running water or a pressure washer.

Check electrical lines and plugs for their condition and exchange them if necessary.

Regularly check bolts and nuts for tight fit and retighten them if necessary.

After each cleaning spray all shining metal parts (rotors) with Bio-slushing oil.

⚠️ Danger! Risk of Injuries! Watch rotating rotors.

When opening the charging cover (8) or removing the bin from the AllShredd-Comfort, the rotor drive must automatically come to a stop.

If this is not the case, contact your AGRIA workshop.

Safety Switch

Check the safety switches for proper function each time you service the machine. With the shredder running, open the charging cover carefully.

Maintenance

Motor, gearbox and shredding rotors are maintenance-free.

Repair

Only your AGRIA workshop is authorized to do the repairs on the shredder.

To exchange worn or damaged rotors contact your AGRIA workshop.

Only use original AGRIA spare parts. All other conventional spare parts must correspond to quality and technical requirements specified by AGRIA.

Storage

Always store the shredder in a dry and closed room.

Remove the hopper before you store the shredder.
# Troubleshooting

**Observe safety instructions!**
Have all serious malfunctions on the machine or motor 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>
</tr>
</thead>
<tbody>
<tr>
<td>Motor does not start</td>
<td>– Knob for rotor direction is in position 0</td>
<td>Turn knob for rotor direction to shredding position (see Operation)</td>
</tr>
<tr>
<td></td>
<td>– Safety switches on the charging cover or hopper disrupt power supply to shredding drive</td>
<td>Ensure charging cover is closed properly.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>If the shredder still does not start, the safety switch is defect. Contact your AGRIA workshop.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Install hopper properly</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Install bin properly (applies only for AllShred-Comfort)</td>
</tr>
<tr>
<td></td>
<td>– Local power supply disrupted</td>
<td>Check extension lead, exchange if necessary.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Check electrical lines on the shredder (by a skilled electrician or at the AGRIA workshop)</td>
</tr>
<tr>
<td></td>
<td>– Total blockage</td>
<td>Clean the shredder.</td>
</tr>
<tr>
<td>Shredder does not draw in the material</td>
<td>– Rotors are set to wrong sense of rotation</td>
<td>Move knob for rotor direction to shredding position (see Operation)</td>
</tr>
<tr>
<td></td>
<td>– Shredding drive is blocked</td>
<td>Wrong material fed into shredder</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Loosen blockage caused by feeding in hard material, if necessary, clean manually (see Operation)</td>
</tr>
<tr>
<td>Motor stalls</td>
<td>– Overload protection has been engaged due to constant overload or blockage</td>
<td>Switch off the motor, let it cool down for at least 5 minutes. Switch motor on again. Feed in little material or loosen blockage (see previous item)</td>
</tr>
<tr>
<td></td>
<td>– Local power supply disrupted</td>
<td>Check extension lead, exchange it, if necessary.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Check electrical lines on the shredder (Skilled electrician or AGRIA workshop)</td>
</tr>
<tr>
<td>Shredding output is insufficient. Machine keeps blocking.</td>
<td>– Poor power supply</td>
<td>Check power supply. Line is too long or of wrong size</td>
</tr>
<tr>
<td>Noises in drive</td>
<td>– Rotors or engine damaged gearbox loosened/damaged</td>
<td>Contact your AGRIA workshop</td>
</tr>
</tbody>
</table>
EC Conformity Declaration
in accordance with the EC directive

We,

AGRIA-Werke, GmbH
D-74215 Möckmühl/Württ.

herewith declare in sole responsibility that the product
AllShredd, Type 7300
Hopper, Type 7371 911
to which this declaration refers, corresponds to the
standard fundamental safety and health requirements
as stipulated in the EC directive 89/392/EEC
and the EMV directive 89/336/EEC.

Möckmühl, 4th October 1995
Dieter Zimmermann
Managing Director
<table>
<thead>
<tr>
<th>Product</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>AllShredd</td>
<td>All-purpose machine</td>
</tr>
<tr>
<td>Grassland mower</td>
<td></td>
</tr>
<tr>
<td>One-wheel power hoe</td>
<td>Multi-purpose power hoe</td>
</tr>
<tr>
<td>Two-wheel tractor</td>
<td></td>
</tr>
<tr>
<td>Lawn mower</td>
<td>Self-propelled ride-on lawn mower</td>
</tr>
<tr>
<td>Verticuter</td>
<td></td>
</tr>
</tbody>
</table>

**AGRIÀ® – a tradition of quality**

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

AGRIÀ-Werke GmbH, D-74215 Möckmühl, Phone 0049 62 98/39-0, Fax 0049 62 98/39-111