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LEHMANN LGAGS-2645

LEHMANN Electric Garden Shredder LGAGS-2645 User Manual

Model: LGAGS-2645

1. Introduction

Thank you for choosing the LEHMANN Electric Garden Shredder LGAGS-2645. This manual provides essential information for the safe and efficient operation, assembly, maintenance, and troubleshooting of your new garden shredder. Please read these instructions carefully before use and keep them for future reference. This shredder is designed for processing garden waste such as branches and plant material into mulch or compost.

Image 1.1: The LEHMANN Electric Garden Shredder in operation, processing garden waste.

2. Product Features

- **Powerful 2600W Motor:** Easily shreds thicker branches for quick and uninterrupted work, suitable for demanding tasks.
- **45mm Cutting Diameter:** Ideal for processing branches up to 45mm in diameter, producing material suitable for mulch or compost.
- **SK5 Carbon Steel Blades:** Equipped with high-quality, extremely sharp, and durable SK5 carbon steel blades for effortless and precise cutting, ensuring long-term wear resistance.
- **Maximum Safety:** Features a safety switch and overload protection to safeguard the device and ensure user safety during operation.
- **45L Collection Bag:** Includes a spacious 45-liter collection bag for convenient gathering of shredded material.
- **Practical Accessories:** Comes with pruning shears for precise branch cutting and safety glasses for eye protection.

Image 2.1: Key features diagram, highlighting 2600W power and 4500 RPM blade speed.

Image 2.2: Illustration of the 45mm maximum cutting diameter.

Image 2.3: Detailed view of the durable SK5 carbon steel blades.

Image 2.4: The 45-liter collection bag for shredded material.

Image 2.5: Included safety glasses and pruning shears.

3. Package Contents

Upon unpacking, please ensure all items listed below are present and undamaged:

- LEHMANN Electric Garden Shredder unit
- Collection bin (45L)
- Safety glasses
- Pruning shears
- User Manual

4. Safety Instructions

Always observe the following safety precautions to reduce the risk of injury or damage:

- **Personal Protective Equipment:** Always wear safety glasses, hearing protection, and sturdy gloves when operating the shredder. Wear long trousers and closed-toe shoes.
- **Work Area:** Operate the shredder on a firm, level surface. Keep the work area clear of bystanders, children, and pets. Ensure adequate lighting.
- **Electrical Safety:** Connect the shredder only to a properly grounded outlet. Do not use in wet conditions or expose to rain. Inspect the power cord for damage before each use.
- **Material Feeding:** Only feed appropriate materials into the shredder. Do not overload the machine. Avoid feeding metal, stones, plastic, or other non-organic materials.

- **Hands and Feet:** Keep hands and feet away from the feeding chute and discharge opening at all times. Use the provided pusher tool if necessary.
- **Maintenance:** Disconnect the power supply before performing any maintenance, cleaning, or when clearing blockages.
- **Overload Protection:** The shredder is equipped with overload protection. If the motor stops, switch off the machine, unplug it, and clear any blockages before restarting.

Image 4.1: Example of safety features and warnings on the shredder.

5. Assembly and Setup

Follow these steps to assemble your LEHMANN Electric Garden Shredder:

1. **Unpack:** Carefully remove all components from the packaging.
2. **Attach Wheels and Stand:** Securely attach the wheels and support stand to the main unit using the provided hardware. Ensure all connections are tight.
3. **Mount Collection Bin:** Position the 45L collection bin beneath the discharge chute. Ensure it is correctly seated and secured if applicable.
4. **Inspect:** Before first use, visually inspect the shredder for any loose parts, damage, or foreign objects.

Image 5.1: Assembled shredder with dimensions (101.5 cm height, 41 cm length, 35 cm width).

Image 5.2: The shredder's mobile design with wheels for easy transport.

6. Operating Instructions

To operate the LEHMANN Electric Garden Shredder safely and effectively:

1. **Preparation:** Ensure the collection bin is correctly in place. Wear all recommended personal protective equipment.
2. **Power On:** Plug the shredder into a suitable power outlet. Press the ON button to start the motor. Allow the blades to reach full speed before feeding material.
3. **Feeding Material:** Feed branches and garden waste into the feeding chute one at a time. Do not force material into the opening. Allow the blades to draw the material through.
4. **Branch Size:** Ensure branches do not exceed the maximum cutting diameter of 45mm.
5. **Clearing Jams:** If the shredder jams, immediately switch off the machine and unplug it. Wait for all moving parts to stop. Refer to the troubleshooting section for clearing instructions.
6. **Power Off:** After use, press the OFF button and unplug the shredder from the power supply.

Image 6.1: Correct method for feeding branches into the shredder.

7. Maintenance

Regular maintenance ensures optimal performance and extends the life of your shredder. Always disconnect the power supply before any maintenance.

- **Cleaning:** After each use, clean the shredder housing and feeding chute. Remove any accumulated debris from the blades and discharge area. Use a brush or compressed air; never use water directly on electrical components.
- **Blade Inspection:** Periodically inspect the SK5 carbon steel blades for sharpness and damage. Dull or damaged blades can reduce efficiency and increase motor strain. Refer to a qualified service technician for blade replacement if necessary.
- **Storage:** Store the shredder in a dry, secure location, away from moisture and extreme temperatures.

8. Troubleshooting

If you encounter issues with your shredder, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Shredder does not start	No power supply; Safety switch not engaged; Overload protection activated	Check power connection; Ensure collection bin is correctly seated; Reset overload protection (unplug, wait 5 min, plug in)
Motor stops during operation	Overload; Material jam	Switch off, unplug, clear jam, wait for motor to cool, restart; Feed smaller amounts of material
Poor shredding performance	Dull blades; Incorrect material feeding	Inspect and replace blades if dull; Ensure material is fed correctly and not forced
Excessive vibration	Unbalanced blades; Loose components	Check for foreign objects; Inspect blades for damage; Tighten any loose screws

9. Specifications

Manufacturer	LEHMANN
Model Number	LGAGS-2645
Power	2600 Watts
Voltage	230 Volts
Max. Cutting Diameter	45 mm
Collection Bag Capacity	45 Liters
Product Dimensions (L x W x H)	41 x 35 x 101.5 cm
Weight	8.7 Kilograms
Material	ABS plastic
Country of Origin	China

10. Warranty and Support

For warranty information, please refer to the documentation provided at the time of purchase or contact your retailer. Information regarding the availability of spare parts is currently unavailable.
For technical support or service inquiries, please contact LEHMANN customer service through the official website or your point of purchase.