

Originalbetriebsanleitung,
vor der Benutzung gründlich lesen!

Original instructions,
read carefully before use!

Notice originale,
lire attentivement avant utilisation!

Manual original
¡lea cuidadosamente antes de usar!

Istruzioni originali,
leggere attentamente prima dell'uso!

Oorspronkelijke gebruiksaanwijzing,
voor gebruik aandachtig lezen!

Originální návod k obsluze,
před použitím si pozorně přečtěte!

Original bruksanvisning,
les nøye før bruk!

Achtung!

Lesen Sie vor der ersten Inbetriebnahme diese Gebrauchsanweisung gründlich durch und beachten Sie unbedingt die Sicherheitsvorschriften!

Attention!

Read this instruction manual carefully before first operation and strictly observe the safety regulations!

Attention!

Lire attentivement le présent manuel avant la première mise en service et observer impérativement les consignes de sécurité !

Atención!

¡Lea atentamente este manual de empleo antes de la primera puesta en funcionamiento y respete imprescindiblemente las prescripciones de seguridad!

Granulatstreuer

Portable Spreader

**Epandeur à granulés,
portable**

**Dispensador portátil de
granulados**

Spandiconcime manuale

Granulaatstrooier

Rozmetadlo

Spreader

Attenzione!

Prima della prima messa in funzione leggere a fondo le presenti istruzioni per l'uso e osservare assolutamente le norme di sicurezza!

Attentie!

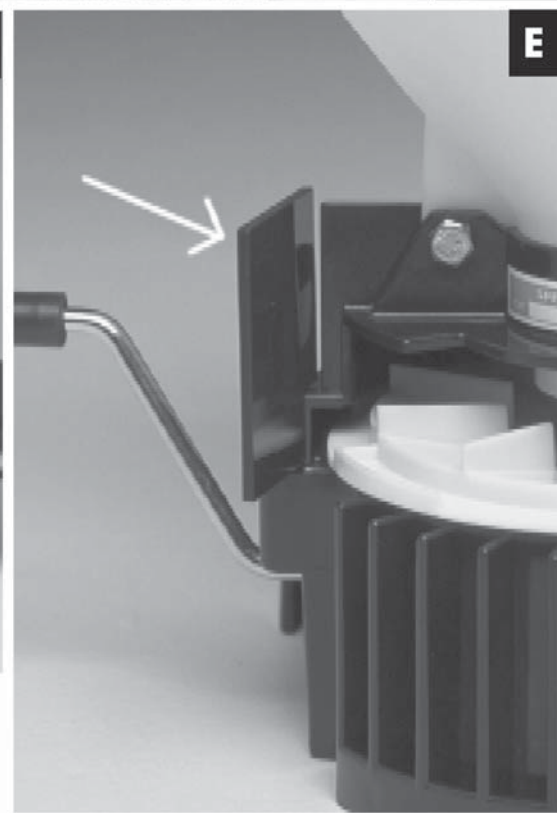
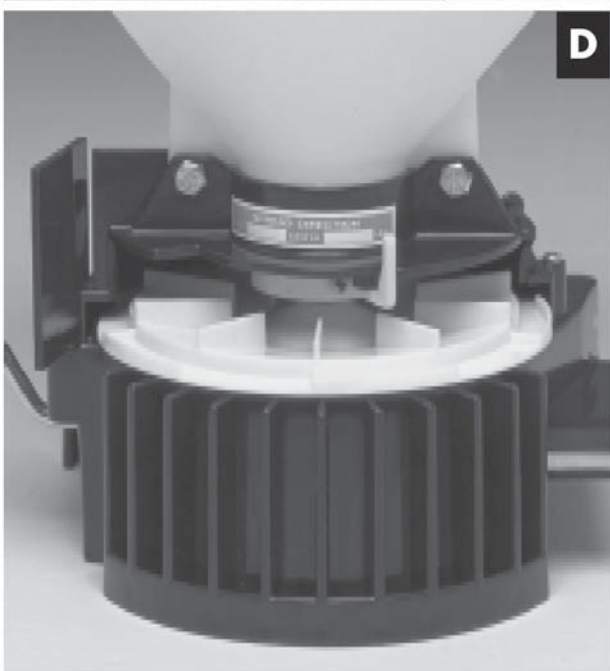
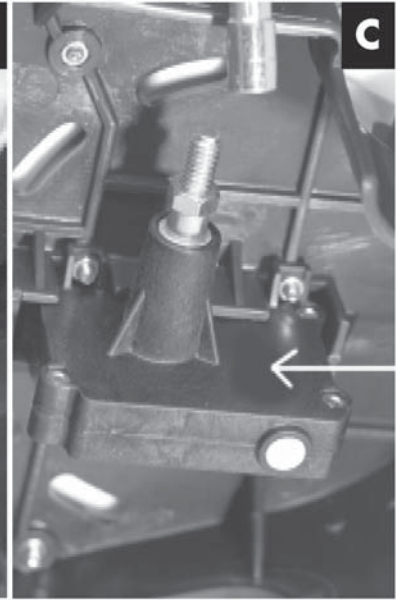
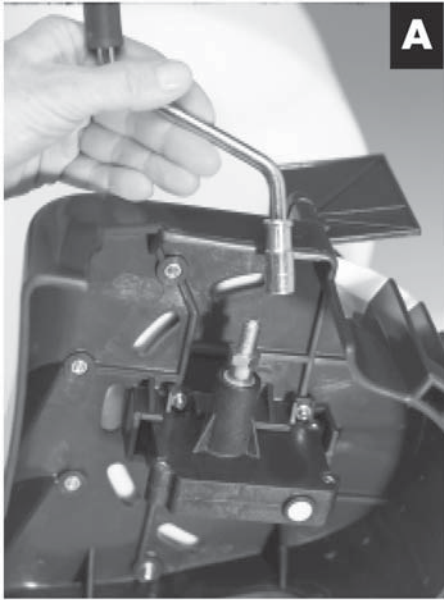
Lees vóór de eerste inbedrijfstelling deze handleiding zorgvuldig door en let absoluut op de veiligheidsvoorschriften!

Upozornění!

Před prvním uvedením rozmetadla do provozu si důkladně přečtěte tento návod k obsluze a dbejte bezpodmínečně všech bezpečnostních pokynů.

OBS!

Før du kan ta apparatet i bruk, må du lese denne bruksanvisningen og følge alle sikkerhetstiltakene.



Caution: Before using this product, read this manual and follow all Safety Rules and Operating Instructions.

Dear Customer,

The **SOLO model 421** portable spreader is designed for spreading a variety of materials over irregular terrain more conveniently than a wheeled spreader. A few of the possible uses include spreading:

- Ice melters, • Oil absorbers, • Seed, • Bird seed, • Sand, Salt, etc. • Cleaning agents, • Fertilizers, • Feed stock, • Pelletized lime, • Wild game feed

The **model 421** spreader requires very little maintenance and will provide good service with regular cleaning and periodic lubrication of the gearbox.

PRODUCT SPECIFICATIONS

Weight:	5.5 pounds (2,5 kg) (empty)
Capacity:	20 lbs. (as of 9 kg)
Height:	19 in. (50 cm)
Width:	11 in. (28 cm) without handle
Carry Strap:	Included
Flow Rate:	Adjustable
Directions:	180° adjustable
Gears:	Metal worm gear drive
Agitator:	Built-in agitator turns steadily during cranking

SAFETY INSTRUCTIONS

TRAINING

Read the owner's manual carefully. Become familiar with the controls and know how to operate your spreader.

- Do not allow children to use your spreader. Never allow adults to use the spreader without proper instructions.
- Do not bend at the waist. Bend only at the knees and support yourself as required to ensure personal safety.
- Keep the treatment area clear of people and pets, especially small children.
- Use spreader only as described in this manual.
- Do not operate spreader if it has been dropped or damaged in any manner. Always have damage repaired before use.
- Do not use accessory attachments that are not recommended by the manufacturer. Use of such attachments may be hazardous.

PREPARATION AND SAFETY

- Always wear safety glasses or eye shields when using your spreader.
- Dress properly. Wear only closed toed shoes with good traction.
- Do not operate spreader when barefoot or wearing open sandals.

- Wear long-sleeved clothes that are snug fitting. Avoid wearing loose clothing.
- Wear either tightly cuffed or cuffless pants.
- Wear non-slip gloves during operation. Wear a respirator if appropriate for the type of material being spread.
- Long hair should be tied back and kept away from the spreader.
- Make directional adjustments before using the spreader.
- Use only in daylight or good artificial light.
- Read all instructions of the chemical manufacturer.

CAUTION

- Keep your eyes and mind on the job at hand. Do not become distracted.
- Always be sure of your footing. Use extra caution in wet or slippery areas. WALK - DON'T RUN. WARNING: Chemicals or materials which can be harmful to individuals or the environment should be avoided. Follow all warnings of the chemical manufacturer.

MAINTENANCE AND STORAGE

- Check all bolts, nuts, and screws at frequent intervals for proper tightness to be sure the spreader is in safe working condition.
- Keep all safety devices in place and working.

CUSTOMER RESPONSIBILITIES

- Read and observe the Safety Rules.
- Follow a regular schedule in maintaining, caring and using your spreader.
- Follow the instructions under the Maintenance and Storage sections of this manual.

ASSEMBLY

Your SOLO 421 spreader needs to have the carry strap and the crankhandle attached before operation.

Remove the hopper lid. The crank handle and carry strap are located inside.

Mounting the Crank Handle

- Place the spreader on its left side (as viewed from the operators position). Figure A.
- Find the threaded crankshaft and affix the crank handle in a clockwise motion, tighten the jamnut against the crank handle.

Carry Strap

- Stand the spreader upright at about waist level on a table, bench or stand.
- Adjust the strap to its longest reach.
- Attach the strap hook to the top right eye on the hopper (as viewed from operator's position).
- With the back of the spreader facing your chest, slip the strap over your right shoulder and across your back.
- Set strap hook under spreader housing. See Figure B.

- With the spreader fitted, crank the handle and determine if the spreader is set at a comfortable height. Remove the spreader, adjust the strap and try again until you are comfortable with fit and function.

Lubrication Point

- With the spreader on it's right side (crankhandle side up), observe the small oil hole in the gearcase.
- Add a few drops of light oil every four hours of operation Figure C.

Adjusting the Spreader

Your spreader is adjustable for both volume and direction. Five factors determine the volume and direction. They are:

- **Flow Limiter Stop** - This brass stop nut allows you to limit the hopper opening for consistent delivery of material to the impeller.
- **Flow Rate Lever** - Look down into the hopper to observe how the drop chute opening varies as you adjust the flow rate lever.
- **Directional Lever** - This control adjusts the point where the material is to be deposited on the impeller and consequently, the width of spread. The lever can be set for center, left or right spreading. Figure D.
- **Deflector Shield** - Increase or decreases the width of spread. Figure E.
- **Cranking Speed** - Cranking faster or slower affects volume and coverage.

SPREAD RATE TABLE

Cranking RPM	Pelletized Fertilizer	Flow rate adjuster setting # 3 (middle) Pounds/Kg Delivered/ per minute	Flow rate adjuster setting # 6 (full open) Pounds/Kg Delivered/ per minute
55-60	Ø 2-3,5 mm	4.4 / 2.0	7.44 / 3.37
55-60	Ø 2-5 mm	3.75 / 1.70	10.0 / 4.54
55-60	Gras seed	0.70 / 0.32	2.0 / 0.91

Pelletized fertilizer is usually thrown about 10-12 feet (300-400cm) in front of the operator and about 5-7 feet on each side at 55-60 rpm. Grass seed usually carries 5-6 feet (180-200 cm) forward and 4-5 feet (150-170 cm) to the side. A walking speed of 2.5 to 3.0 feet per second (80-90 cm/sec) is suggested.

Please test the product you are spreading to achieve the manufacturer's recommended coverage.

FILLING THE HOPPER

- Move flow rate lever to zero position.
- Set spreader on a flat surface.
- Remove hopper lid.
- Fill hopper. For the initial use it is wise to partly fill the hopper and practice spreading and making adjustments.
- Replace hopper lid - the lid prevents spillage and helps keep dust and other material away from the operator. When spreading chemicals be sure to wear protective clothing, respirator and eye protection.
- Do not load hopper while carrying spreader.

OPERATING INSTRUCTIONS

- Set spreader on a surface to safely and conveniently fit the carry strap as outlined in assembly section.
- Set deflector to desired position.
- Adjust spreading direction lever to the desired position. Directional changes can also be made simply by walking in the desired direction.
- While turning the crankhandle with your right hand, move the flow rate lever with the left hand to adjust flow rate. Flow limiter stop will control flow rate. Caution: Keep hands away from rotating impeller.
- After use, turn the flow rate lever to the closed (zero) position. Crank the handle several times to make sure no material residue is attached to impeller. Clean the whole unit thoroughly using soap and water.

OTHER OPERATING SUGGESTIONS

- Walking speed: 2.5 - 3.0 feet per second (80-90 cm/sec.) .
- Crankhandle speed: 55-65 rpm.
- Each complete revolution of the crankhandle causes the impeller to rotate 7 1/2 turns.
- Experiment to find the best setting.
- In windy conditions, plan your work so the wind is behind you if possible.

STORAGE

- Empty hopper of contents. Store or dispose of contents properly and in accordance with the chemical manufacturer's instructions.
- Check all bolts, nuts and screws for proper tightness.
- Clean unit with soap and water.
- Dry.
- Store in safe place.

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