

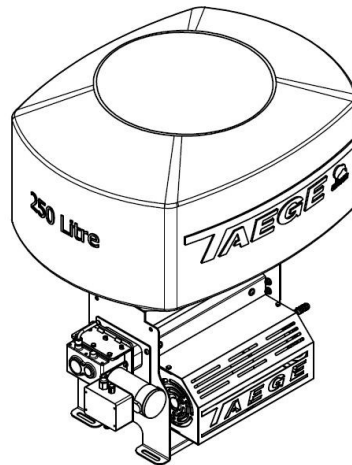
Instruction Manual

TAEGE ENGINEERING LIMITED

(www.taege.com)



Taege M3 Mini Hopper



Specializing in the Design and Manufacture of Innovative Farm
Equipment

Manufactured by:

Dealer / Local Agent

Taege Engineering Ltd

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Introduction

This manual sets out the technical information for your guidance in the proper use and servicing of this implement.

Extra copies are available from www.taege.com

The serial and chassis number are stamped on the base unit.

Be sure to quote the Mini Hopper model, chassis number and controller version number when seeking advice and/or when ordering spare parts.

Thank you for buying a **TAEGE** Mini Hopper. We pride ourselves with over 50 years of specializing in the design and manufacture of innovative farm machinery.

Your Mini Hopper has been carefully designed and manufactured to provide years of dependable service, given normal care and proper operation.

Safety

- ❑ Focus on being prepared for emergencies.
- ❑ Read the operators manual carefully.
- ❑ Always follow recommended safe practices for operating this Mini Hopper and its associated equipment, including tractors and other machinery used in conjunction with this Mini Hopper.
- ❑ Identify and avoid unsafe terrain.
- ❑ Always use lynch pins and safety chains on all drawbar pins.
- ❑ Do not exceed 20km/hr while towing an implement in normal working position.
- ❑ Keep all covers in place at all time unless removed for repairs or servicing.
- ❑ Stop the Mini Hopper before making adjustments.
- ❑ Lower Tyne harrows to the ground or put on stands when working around or under the machine.
- ❑ Ensure tractor electrics are disconnected and/or turned off and machine hydraulics disconnected when working or repairing the Mini Hopper.
- ❑ Tighten all nuts and bolts after initial use and thereafter at regular 30 hr intervals.
- ❑ Watch for moving parts and stay well clear of implement while it is moving.
- ❑ Practice safe handling of all agricultural chemicals including treated seed.
- ❑ Wear appropriate safety equipment while operating the hopper including when filling adjusting the Mini Hopper. this includes safety glasses, gloves, ear protection, close fitting clothing and steel capped boots.
- ❑ Visit www.osh.dol.govt.nz for additional guidance and instruction on safe practices in the rural sector and/or other sectors targeted for the intended use of this drill.

SAFE OPERATING PROCEDURES FOR **TAEGE M3 Mini Hoppers**

Before operating Taege M3 Mini Hoppers please read the following:

Failure to comply with these warnings could result in serious injury. A careful and alert operator is the best practise against accidents. Taege Mini Hoppers are designed to be safe to operate.

- Do not wear loose clothing, unrestrained long hair, jewellery or anything which could entangle in components or limit your vision.
- Never work or walk or allow any person/child under the equipment.
- If travelling on the road, the implement must comply with the all road laws including lights, turn signals and all other legal requirements.
- No person is ever to be between the tractor and this implement.
- **No person/child is to climb or ride onto this implement at any time.**
- When parking or before working on the machine. Stop the tractor on a firm level surface and apply the parking brake. Always lower the machine to the ground and switch the engine off. Remove the key for added safety. Disconnect the 12vdc power supply.
- The machine should not to be used unless the operator has been trained in its safe use.

MAINTENANCE

Daily

Grease all grease points if required.

Storage

- Ensure machine is empty to eliminate rodent damage to rollers as this is not covered by warranty.

Warranty

From the date of purchase your **TAEGE** machine is covered by a 12-month warranty period for faulty parts and/or workmanship.

Ensure your dealer completes and returns a warranty certificate within 7-days of date of purchase

Send to

Taege Engineering Ltd
Main West Road
Sheffield S7500
New Zealand.

On delivery record the following **Basic Information**

Model:.....

Chassis Number:.....

Delivery Date:.....

Signature Owner:

Signature Dealer:

.....

Check for shipping damage. In cases of shipping damage, ask dealer to arrange for appropriate claim to be lodged immediately.

Ensure the attached registration / warranty validation card has been completed.

Place owners copy of warranty in safe place.

Check that the Dealers copy of the warranty has been correctly filled out and returned to the manufacturer.

Contact your dealer if you have any further queries.

Disclaimer

Drilling or Seeding with Taege® machines in conditions normally outside of the germination tolerances of the seed concerned cannot be expected to give satisfactory results.

Every attempt has been made to ensure the correctness of information and diagrams in this manual. Consequently, Taege Engineering Ltd will not be responsible for any damage or consequential loss arising out of misinterpretation of, or failure to follow, recommended practices and procedures. Nor will Taege Engineering Ltd be liable for any damage caused by, or arising out of modification or misuse of its product. Taege Engineering Ltd reserves the right to change technical details and prices without prior notice.

A full copy of Taege Engineering Ltd warranty document is available from sales@taege.com upon request.

Getting the Mini Hopper ready the first time

After you have mounted the unit. Plug in the M3 Mini Hopper power lead to the tractor 30amp auxiliary power supply or direct to a 12vdc battery. Ensure that the wiring loom is clear of the tractor linkage and drawbar. You now ready to put seed/fertilizer into the hopper/s. Open the hopper cover and fill the hopper with product, after filling the hopper, close the cover.

Configuration

On start up for the first time, the controller needs to be configured to the correct sowing or spreading width and the distance settings need to be entered if your unit has a ground input device. This is called configuration. Please check with your Taege Dealer.

Calibration

What the operator needs to do "**is to accurately measure the weight of the seed or product**" during calibration. This is done by reading and following the instructions on page two of the **Controller Manual**.

It is most important that this is accurate, that the scales provided be used, these scales measure in one gram increments.

Care must be taken to prime the hopper before calibrating, to make sure that no bridging occurs during calibration.

Comment: When calibrating a Taege M3 Mini Hopper, ensure that sufficient seed is weighed.

E.g.

Grass at least 1.00Kg

Calibration Instructions

Go to the RC300L Controller ver2.5xx Operators manual and follow the instructions on page 2 **QUICK CALIBRATION**

Always disconnect the power source when the controller is not in use.

Always disconnect the power source and controller when welding on the machine.

The Fan Speed

If your TAEGE M3 Mini Hopper is fitted with an electric air assist blower, it is important that this is operated continuously when seeding.

Operation

Once you have set up the machine, switch the air assist blower on (if fitted) mount the towing vehicle and start the unit by turning the RC300L Controller to **RUN**. You will see a moving indicator on the top right hand of the controller display which indicates engaged operation. Further information is available on the screen by pressing the OK button in the **RUN** mode.

Bolted Connections

All the bolted connections should be re-tightened after the first day or 50Ha of use.

Daily Maintenance

Electrical Connections	Hopper to tractor auxiliary connection Lead connections Wiring loom for damage	
Bolts	All bolts	
Hopper	Sponges for damage	

NOTES

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Sheffield 7500
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Dealer Name and Address

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Disclaimer

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A full copy of Taege Engineering Ltd warranty document is available from sales@taege.com upon request.