

SCIMITAR®



TIP TRAILER INSTRUCTION AND PARTS MANUAL



EXCELLENCE IN
AGRICULTURAL EQUIPMENT
06 370 1212

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THANK YOU & INTRODUCTION

Thank you for choosing scimitar equipment

This instruction manual covers all Scimitar Tip Trailers manufactured since 2018. All other Scimitar Machinery Instruction Manuals can be acquired from our sales team.

Serial Number

All Scimitar Tip Trailers are identified with a unique serial number located on the front of the headboard (e.g ' AGT 123456') Please include this number with all parts and services enquiries so we can provide you with fast and accurate assistance.

SCIMITAR EQUIPMENT

Serial Number: AGT25200

Manufactured by: Agtec Machinery
315 Ngaumutawa Rd, Masterton
06 3701212 | sales@agtec.co.nz | www.agtec.co.nz

Introduction

Scimitar Equipment is a family owned business, with over four decades of hands-on experience in the agricultural industry, has established itself as a trusted provider of robust and reliable farm machinery.

Our commitment to service, integrity, and quality craftsmanship is reflected in every piece of equipment we manufacture, ensuring that it not only meets the diverse needs of New Zealand farmers but also withstands the rigors of intensive use across all environments.

Our product range, developed through years of practical experience. We take pride in our ability to offer custom modifications, allowing each machine to be tailored to the specific requirements of different areas and farming conditions.

Located in Masterton, the heart of Wairarapa's commercial sector, Scimitar Equipment is dedicated to providing equipment that is easy to operate, service, and afford. Our innovative approach to design ensures that our machinery is built for the long haul, embodying the essence of true agricultural efficiency and sustainability.

As we continue to innovate and expand our range, we remain steadfast in our promise to deliver unparalleled service and products that embody our core values of commitment and integrity. Trust Scimitar Equipment to be your partner in agriculture, where quality products and customer satisfaction drive everything we do.

Model: _____

Serial number: _____

Date: _____

WARRANTY

Scimitar equipment is warranted against faulty workmanship and defective materials for a period of 48 months from the date of purchase. This warranty is conditional upon adherence to the following terms:

- 1. Maintenance Compliance:** The purchaser must follow the basic maintenance guidelines as detailed in the equipment's user manual.
- 2. Coverage Scope:** This warranty is limited to the repair or replacement of Scimitar equipment parts that are compromised due to defective workmanship or materials. It excludes coverage for any other type of loss or damage, such as consequential harm to other property or individuals.
- 3. Authorized Repairs:** Only repairs authorized by Scimitar are covered under this warranty. The following are not covered:
 - Losses incurred through delayed delivery.
 - Travel expenses.
 - Damage to tyres and rims.
 - Damages resulting from accidents, misuse, or abuse.
- 4. Alterations and Modifications:** Equipment that has been altered or modified by any party other than Scimitar or its authorized dealers is not covered by this warranty.
- 5. Claim Procedure:** To make a warranty claim, the following steps must be observed:
 - **Authorized Dealers:** If the claimant is an authorized dealer, they must first provide Scimitar with details of the affected equipment and the circumstances of the loss or damage. Scimitar will then determine if the issue falls within the warranty terms and advise on the repair or replacement process.
 - **Non-Authorized Dealers:** If the claimant is not an authorized dealer, they must report the loss or damage directly to Scimitar. Scimitar will then assess whether the issue is covered by the warranty and provide guidance on subsequent actions. This warranty supersedes any previous warranties and is exclusive to Scimitar equipment.



**Scan QR code
to validate
your Warranty**

Basic Safety

1. Ensure you have read and understood all warning labels on the Scimitar Tip Trailer equipment before operation.
2. Always switch off the tractor engine and ensure the brake is applied before performing any servicing, removing guards, or clearing blockages.
3. Conduct a visual inspection for hydraulic oil leaks using appropriate tools rather than hands or fingers to prevent injury.
4. Avoid operating the Scimitar Tip Trailer equipment on steep inclines where there is a significant risk of rollover incidents.

Operational Check

1. Confirm that the Scimitar Tip Trailer is in good working condition and is appropriate for the intended job.
2. Check that all safety devices, such as guards, are securely in place and functioning correctly.
3. Inspect the equipment for any mechanical defects, with special attention to critical components like wheels and tyres, ensuring wheel nuts are tightened to 290Nm and the tyre pressures are 50 PSI.
4. Verify that the operator has received proper training and understands the operation of the Scimitar Tip Trailer equipment.
5. Ensure that the necessary personal protective equipment (PPE) is available and being used by the operator.
6. Assess whether the work involving the Scimitar Tip Trailer has been adequately planned and communicated to all relevant parties.
7. Confirm that the machine's operational procedures are understood and that any pre-use checks have been carried out as specified as below:
 - Load and Vehicle Check: Prior to any tipping operation, ensure the load is evenly distributed across the trailer and can be released smoothly and safely. Confirm that the load will not jam under the tailgate and that it does not exceed the maximum permitted weight for the trailer.
 - Equipment Familiarization: Read all warning labels and operating instructions specific to the Scimitar tip trailer range. Understand the Aggregate Trailer Mass (ATM) and ensure the load complies with this limit.
 - Safety Zone Establishment: Define a clear danger zone around the trailer, ideally extending one and a half trailer lengths from the trailer in all directions, and ensure no unauthorized personnel or valuable items are within this zone during operation text.
 - Do not drive over rough terrain whilst deck is up.

Basic maintenance

1. After every 10 hours of use, lubricate the deck pivot and RAM pivot points trip pivot, tow eye swivel on the Scimitar Tip Trailer.
2. Maintain the tyre pressure within the range of 45-50 psi to ensure optimal performance and safety.
3. Every two months or as needed, lubricate tandem axle pivot, inspect and service the screw jack to ensure it is functioning correctly.
4. Regularly, every two months or according to usage, check and lubricate the wheel hubs to prevent wear and ensure smooth operation.
5. Tension wheel nuts to 290Nm/199ft-lb after first two hours of use. Then bi-monthly thereafter.

HEALTH & SAFETY RISK ASSESSMENT

Hazard identification, assessment and control procedure has been conducted on a representative Scimitar Tip Trailer and where necessary appropriate risk control measures have been outlined below:

HAZARD	HARM	CONTROLS
Contact, impact or entanglement from moving parts/ loose objects (e.g, protruding objects, handles, levers)	<ol style="list-style-type: none">1. Deep cuts or amputation2. Bruising3. Fractures	<ul style="list-style-type: none">• Avoid wearing loose clothing, jewelry or• gloves - they increase the risk of entanglement.• Maintain a safe distance from the equipment during operation.• Do not stand or work under the equipment when parts are in motion.• Do not ride on the equipment or on any external parts.
Leaking hydraulic fluids or lubricants	<ol style="list-style-type: none">4. Skin and eye irritation5. Breathing difficulties if fumes are inhaled	<ul style="list-style-type: none">• Apply a program of preventive maintenance to check for leaks and replace seals or hydraulic hoses as necessary.• Ensure all hydraulic fluids and lubricants are at the correct level and the correct type for the equipment.• Use appropriate PPE (personal protective equipment) such as gloves and safety goggles when checking for leaks or performing maintenance.• Never use hands or fingers to detect leaks.
Equipment roll-over due to instability on uneven terrain or improper handling	<ol style="list-style-type: none">6. Serious injury7. Fatality	<ul style="list-style-type: none">• Do not operate equipment in areas that are too steep or on unstable ground without proper stabilization.• Ensure the equipment is properly balanced with any loads evenly distributed.• Train operators on proper handling techniques to prevent roll-over.• Use wheel chocks or other stabilizing devices when the equipment is stationary on an incline.

SIDE VIEW



Reference	Part no.	Description	QTY
1	02.186	24mm keeper locker	2
	02.188	24mm keeper pin	2
2	97124	Wheel & Tyre - 400/60 x 15.5 (tr tread)	2 or 4
3	12x75	Side locking bolts	1
4	60 6H L410	Hub & stub 6 tonne tandem	2 or 4
	70 GH L410	Hub & stud 6 tonne single axle - 10 tonne	2 or 4
5	68328	Ram - single stage 4 tonne	1
	093548	Ram - 4 stage 6 - 8 tonne	1
	093555	Ram - 5 stage 10 tonne	1
6	P575	4 - 6 T jack stand	1
	DG707W	8 - 10 T jack stand	1
7	07.910 HD/1	4 - 6 T ø45 Eye x 63mm Tube, Swivel	1
	MG189/74/3	8 -10 T ø45 Eye x 76mm Tube, Swivel	1

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Contact

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