



ATV 200 & 300L UV 400L Operator's Manual

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Disclaimer

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GENERAL INFORMATION & SPECS

Tank:

All tanks are constructed from UV resistant polyethylene. Polyethylene tanks have a very high chemical resistance.

Due to the rotomoulding process, there can be a variance in the overall dimensions of the tank which in turn results in variations to the tank capacity. For this reason, any calibration markings should be used as a guide only.

Filtration:

Filtration is a critical part of the sprayer's performance.

ATV200, 300 & UV400 are fitted with an inline suction strainer. It is important that the strainer is cleaned out regularly.

Pump:

The pump is critical to any sprayer performance. Correct operation and maintenance of the pump will ensure the sprayer is able to perform to its capabilities. Make sure the pump wires are connected up to the correct terminals (red to positive, black to negative).

Always flush pump with clean water after every use. Prolonged chemical contact can severely damage valves, diaphragms and seals.

Do not leave water in pump if sprayer is to be left in a cold environment. The water may freeze and cause damage to pump. Empty pump of all water and cover the pump to ensure this situation does not arise. If this has not been done, and there is a possibility there may be frozen water in the pump, wait until any ice has thawed before using the pump.

The 12 volt pumps are positive displacement diaphragm pumps which provide delivery upon demand.

They are self-priming and some models are fitted with a pressure switch which senses the outlet pressure of the pump. The pressure switch turns the electrical power

off to the pump at a pre-determined high pressure point.

As the outlet side of the pump is opened, the pressure starts to drop and at a predetermined point (typically 40-75 psi) contacts in the switch will lose causing the pump to start automatically. The pump will then pump until the pressure reaches the shut-off pressure point.

CAUTION:

Do not adjust the pressure switch out so that the pumping pressure exceeds the maximum pressure for the pump.

If the flow demand is very low, the pump may reach this high pressure point and cause "cycling" (pump turns on and off rapidly).

This is not a problem unless the pump is subject to continuous cycling within two second intervals for long periods of time. Altering the setting of the pressure switch, or adjusting the agitation ball valve so that there is some bypass back to the tank and altering the adjustable conejet nozzle on the gunjet will all remedy this situation, depending on what is most suitable.

Chemical Induction:

Chemical should be put into the main tank through the main tank lid. It is important to ensure that chemical is thoroughly mixed prior to spray application.

Nozzles:

As information regarding nozzles is specific to those being used in your application, no specific reference is made to nozzle application rates or nozzle types in this operator's manual. Goldacres suggest the use of a current nozzle selection catalogue for reference to nozzle sizes, outputs, spray patterns and general spraying information. Goldacres recommends Lechler nozzles.

Operation

Connections

The following steps should be followed when connecting to a power source:

- 1. Ensure that the battery is 12V DC
- Connect the red connector to the positive (+) terminal and the black connector to the negative (-)terminal.

Filling

When filling the sprayer it is necessary to use an external water source and wear the appropriate PPE.

The following steps should be followed when filling the tank:

- 1. Turn the pump off
- 2. Remove the tank lid
- Add chemical as required. When filling with water, after adding the chemical, some agitation will take place.
- Use external water source to fill main tank (Do not exceed the tank capacity)
- Replace the tank lid and ensure that it is secure prior to switching on pump. You are now ready to use the sprayer.

Calibration

All sprayers need to be calibrated and kept in good condition. This will ensure that the correct rate of chemical is applied to the target.

Follow these steps to calibrate the sprayer:

- 1. Measure the spray width of the nozzle on a dry surface (in metres)
- Spray a test area at the intended pressure and speed. Record distance (in metres) covered in one minute (minute)
- Measure the nozzle output in litres over one minute in a measuring jug (I/min)

The spray volume can be calculated by the formula below:

Application rate (L/Ha) = $\frac{\text{Nozzle output (I/min) x 10,000}}{\text{Spray width (m) x speed (m/min)}}$

Spray Application

After completing the filling process, you are now ready to start spraying.

NOTE: It is the responsibility of the operator to ensure that the chemical mix is sufficiently agitated and that the conditions are right to start spraying. Operators must wear the appropriate PPE.

- 1. Switch "On" pump
- 2. Allow pump to build pressure
- Engage the trigger on the spray lance to start spraying
- 4. Adjust the nozzle pattern as required by rotating the nozzle in the appropriate direction as required
- Use a consistent speed or swath pattern to ensure even coverage of the target, or adjust the method of application according to your target

Agitation

Agitation should take place when filling or through another method as deemed suitable by the operator.

Flushing

The following information is provided as a general guide for flushing your sprayer after a spray application

For more specific information regarding flushing, and decontamination, specific to the products that you are applying, it is recommended that you consult the chemical label or your chemical supplier.

- 1. Turn pump off
- 3. Add a quantity of fresh water to main tank and then drain.
- Add a quantity of fresh water, and decontaminating agents if required, to main tank.
- Turn on pump, and spray fresh water through the lance / gun. This will ensure that fresh water has circulated through the pump and lance.
- Drain remaining contents of fresh water. The sprayer is now ready for storage.

Storage

If the sprayer is to be stored for a long period of time without use, there are several tasks that need to be performed.

- 1. Clean the sprayer thoroughly as described under "flushing"
- Store the sprayer out of direct sunlight and where it will not be affected by frosts
- 3. Ensure that the main tank is empty
- 4. Protect hoses and electrical connections

Identification

When ordering parts or requesting service information for your sprayer it is important to quote the serial number of your machine, and the purchase date, in order to receive accurate information. The location of the serial number is shown in the picture. This serial number is stamped into the serial number plate.



Dimensions

Model	Width	Length	Height	Dry
	mm	mm	mm	Weight
200 Lt ATV with 12V pump & 3 Mt al. boom	1262	2213	1000	110 kg
300 Lt ATV with 12V pump & 4 Mt steel/ aluminium crossover boom	1262	2213	1000	115 kg
300 Lt ATV with engine driven pump & 4 Mt steel/aluminium crossover boom	1262	2213	1000	120 kg
400 Lt UV with engine driven pump & 4 Mt steel/aluminium crossover boom	1562	2378	1320	130 kg

Please note: Dimensions are approximate only and may be subject to change without notice.

MAINTENANCE & TROUBLESHOOTING FOR 12V UNITS

The troubleshooting information is provided as a reference when your sprayer is not functioning correctly. To ensure that you receive the best possible service, it is recommended that you exhaust all applicable troubleshooting solutions shown prior to calling your dealer for service advice.

Problem	Possible Cause	Possible Remedy		
Pump not priming	Valves damaged	Check, clean and/ or replace		
	Restriction in suction line	valve kit		
	Restriction in delivery line	Check suction line		
	Diaphragm damaged	Check delivery line		
		Replace diaphragm		
Pulsating liquid	Pump switching on and off due	Alter settings of the pressure		
How	to pressure switch	switch		
	Pump sucking air	Alter the adjustable conejet		
		nozzle		
		Restricted pump delivery		
		Check suction line		
Pump pressure Suction filter screen blo		Clean screen		
lower than expected	Restriction in suction line	Check hoses, fittings and tank		
	Valves damaged	outlet		
	Diaphragm damaged	Check/or replace valve kit		
	Pump sucking air	Check/or replace diaphragm		
	Insufficient voltage	Check suction line		
		Check power supply		
Pump stopping and	Valves damaged	Check valves		
starting when not in use	Insufficient voltage	Check power supply		
	Damaged diaphragm	Check/or replace diaphragm		

PARTS LIST

ATV200/3 GA4905995 ATV300/4 GA4905975

Position	Part No	Description	Quantity
1	GA4515600	ATV tank support mount	2
2	GA5023670	Mini hub & stub ass	2
3	GA5023665	Tyre nobby (22x11-8 x 6 ply) & 4 stud mini rim	2
4	300120	Filter, basket type, diam 305 x 245 deep	1
5	GA8500000 GA5023660 GA5023750	Tank, 200L, ATV low profile, green Tank, 300L, ATV low profile, green Tank, 400L, UV low profile, green	1
6	GA4522140	Tow ball mounting plate	1
7	GA5049100	Trailer coupling 50mm bolt on	1
8	GA5014955	Serial ID plate	1
9	GA5023895	GX100 Honda	1
10	5091D9	Udor 6:1 reduction gearbox suit Honda 3 hp	1
11	lota20	lota 20—20 I/min diaphragm pump	1
12	GA5012161	Narva split tubing 7mm (not shown)	0.5
13	GA5051245	Plastic P clamp 7.9mm (not shown)	0.004
14	GA5012049	Narva joiner red 2.5-3mm wire (not shown)	0.002
15	006530	Hose barb, elbow, 90 degree, 1/2 fly end x 13mm hose, brass, Arag	1



Position	Part No	Description	Quantity
16	GA5066085	15 mtr hose reel manual, 3/8"	1
17	GA5053250	Pressure gauge, small face, 0-400kPa	1
18	GA4900546	Gunjet, AA30, adjustable nozzle with fittings	1
19	GA5015971	Sticker Drain Only	1
20	GA5020620	Valve, ball, 12mm thread male/female inlet/ outlet, lever handle, SS	1
21	HB050-90	Hose barb, Elbow, 90 degree, 1/2 male thread x 1/2 hose, Banjo (not shown)	3
22	HOS12SIGHT	Hose, clear, 12mm sight tube (not shown)	4
23	GA5007231	Hose clamp, cobra type, 1/2 (not shown)	2
24	HB075/050-90	Hose barb, elbow, 90 degree, 3/4 male thread x 1/2 hose, Banjo (not shown)	1
25	GA4534635	Bracket nozzle suit small booms	1
26	GA5013003	Pipe linch pin, 80D x 60 long	1
27	GA4900093	Boom, 3m, with plumbing, 6 nozzle, manual fold	1
28	HOS13P	Hose, pressure, 12mm, black, 250psi boom pumps (not shown)	4.5
29	GA5000469	Hose clamp 1/2, SS (not shown)	13
30	GA5020355	Hose barb, brass, elbow, 90 degree, 1/2 male thread x 1/4 hose (not shown)	1
31	GA5003783	50 x 50mm square tube insert black	4
32	GA5002911	35 x 35mm square tube insert black	1
33	GA5066540	Pump, electric 12V, 13.5 L/min	1
34	GA5022255	Electrical harness, 17 AWG wire in line fuse & alligator clips	1
35	9620522	Valve, pressure regulating, polypropylene, 20 L/min Arag	1
36	HOS12WSIGHT	Hose, 12mm, clear, wire reinforced	0.5

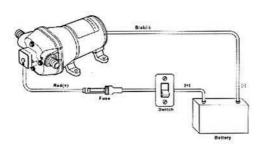


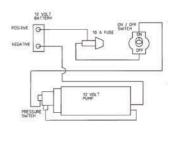


12v pump wiring diagram

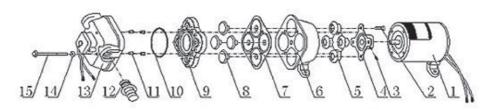
Important: Use 14 gauge stranded wire up to 6 metres from power source and 12 gauge up to 18 metres from power source.

Connect Red to Positive (+) terminal and Black to Negative (-) terminal.





Pump Diagrams



1 motor	6 Pump front cover	11 Seal plug
2 Screw	7 diaphragm	12 Easy Connector
3 dowel pin	8 piston	13 Pump body
4 Connection board	9 Cavity body	14 Washer
5 Oscillating board	10 O-ring	15 Screw II

Spare parts available for GA5066540 Pathway 13.5 Lt/min pump:

GA5068305 Pressure switch

GA5068310 Viton seal kit

GA5068300 Diaphragm (Position 7)

GA5022470 Cavity body (Position 9)

GA5022465 O Ring (Position 10)

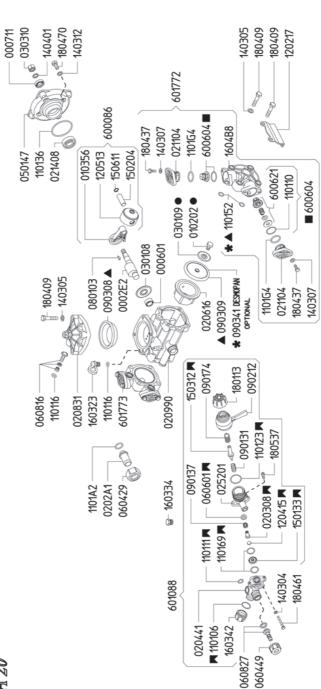
Also available: GA5068315 Filter to suit

SERIE - SERIES IOTA

844200 IOTA 20



IOTA 20



IOTA 20 PUMP Gear Box & Honda GX100 engine



Number	Description
1	Control valve
2	Pump
3	Gearbox
4	Choke
5	Pull cord
6	Fuel cap
7	Spark plug
8	Muffler
9	On/Off switch
10	Air damper

PART NUMBER	DESCRIPTION
GA5023895	3hp GX100 engine
5091D9	Udor 6.1 Reduction Gearbox to suit Honda GX
IOTA20	Udor lota20 pump

Wheels & Tyres

All tyres used on Goldacres sprayers have been designed to carry the maximum loaded weight of the sprayer when travelling at 20 km/h. The load capacity of the tyres decreases as travelling speed increases so it is important to heed this travelling speed limit.

The tyre pressure also needs to be checked regularly (check every 8 to 12 hours of operation) and maintained at the required tyre pressure.

There are many factors concerning the appropriate tyre pressure for a particular tyre and load. For example, the tyre size, rim type, tyre status (driven or free rolling), load, speed, haul length and ply rating all need to be considered when determining the tyre pressure.

To determine the correct tyre pressure:

- 1. Determine the maximum weight of the sprayer when loaded (do not forget to add the weight of the rinse water tank and the foam marker tank when filled).
- 2. Allow for each tyre to carry half the maximum loaded weight of the sprayer (this does not allow for any load on the tractor pull or cyclical loading, which provides for a safety margin).
- 3. Determine what tyre size and ply is on the sprayer.
- 4. Determine what appropriate tyre pressure will provide the load capacity required by the respective tyre as indicated in the following table.

Goldacres Tyre Chart

Tyre Size	Ply	Rated Pressure (KPa)	Rated Capacity (Kg)
22x11.00-8 nobby tyre	6	48	234

MANUAL FOLDING BOOMS General information

The boom fitted as standard is part of the Goldacres range of "folding booms" which are available in sizes from 3 metres to 10 metres. These booms are constructed from RHS and aluminium for strength and light weight, the wings fold in for transport, and jet bodies are mounted on stainless steel brackets behind the boom for protection.

All booms, regardless of their design and operating width, present certain safety hazards in their operation. Please ensure that you have read all safety precautions as included in this manual and take particular note of those re-listed below.

WARNINGS

- Never stand within the radius of boom wings.
- · Keep clear of overhead obstructions.
- CRUSH HAZARD Keep hands clear of moving parts when carrying out boom fold and unfold sequences.

CAUTIONS

- Always ensure that there is adequate room for the boom to open.
- Always ensure that the boom is adequately supported when transporting.

Boom height

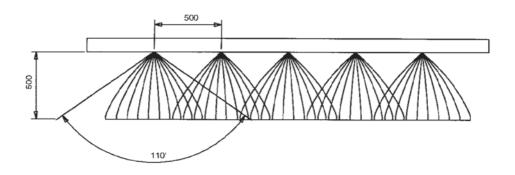
The standard nozzle spacing on Goldacres booms is 500mm. For this spacing, the optimum height the boom should be from the object to be sprayed (with a 110° fan angle nozzle) is 500mm.

There will be adequate spray coverage if the nozzles are higher than this but this increases the potential for drift. The spray pattern is affected by many factors not limited to, but including, gravity, pressure, chemical composition and droplet size so the pattern does not extend to the full theoretical coverage. Refer to the TeeJet nozzle selection catalogue for further information on spray application and nozzle technology

Boom height adjustment

Adjust the height of the boom by loosening the nuts on the U-bolts clamping the boom to the frame

Raise or lower the boom to the desired height and then re-tighten the nuts on the U-bolts.



Operating instructions for folding booms

- 1. Starting with the boom in the closed position (Fig.1), pull each wing against the spring in an out and down manner until open and resting against the stop plate with the adjustment bolt.
- 2. With both wings folded out into the open position, (Fig. 2) check that boom is aligned correctly.
- 3. If not aligned correctly, adjust position with the adjustment bolts as necessary.
- 4. The 3 metre folding boom folds vertically and the 8 & 10 Mt metre models includes flip over ends that should be folded into the open position prior to operation.



Figure 1: UV400 with 4 metre folding boom closed.

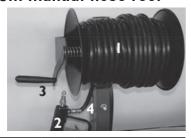
Folding boom lubrication

Folding booms have a grease nipple fitted at each pivot point. Grease these points regularly with quality multi purpose grease.

Figure 2: 4 metre folding boom open

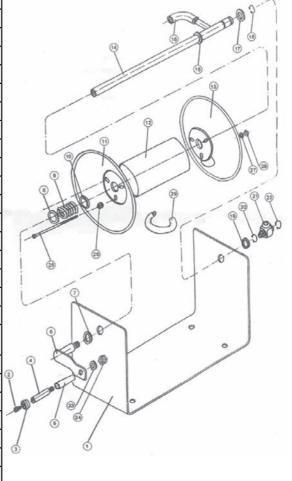


30m manual hose reel



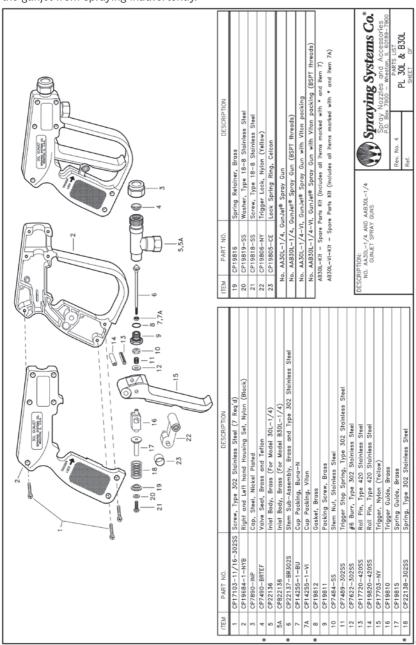
Part No.	QTY.	DESCRIPTION
1	1	Base
2	1	Screw
3	1	Rubber Sleeve
4	1	Handle
5	1	Handle Sleeve
6	1	Link Lever
7	1	Washer
8	1	Washer
9	1	Spring
10	1	Washer
11	1	Flange A
12	1	Sleeve
13	1	Flange B
14	1	Axle
15	1	Fixed Washer
16	1	Outlet Fitting
17	1	Washer
18	1	Spring Washer
19	1	Washer
20	1	Spring Washer
21	1	Swivel Valve (Inc. 2 valve O-ring)
22	1	Spring Washer
23	1	Washer
24	1	Nut
25	1	Screw
26	1	Washer
27	1	Washer
28	1	Nut

Ref. No	PART NUMBER	DESCRIPTION
1	GA5066080	30 Mt manual hose reel
2	GA4900546	AA30L GunJet with adjustable brass ConeJet
3	5500X18	Adjustable ConeJet
4	GA5020875	Male tailpiece ¼″ thread x ½″ barb
	AA43LA-10	AA43 GunJet
	GA5023475	Turbo 400 Spray Gun



AA30L GunJet

The gunjet trigger needs to be locked via the trigger lock when not in use to prevent the gunjet from spraying inadvertently.



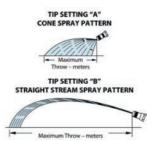
© Spraying Systems

Adjustable ConeJet Nozzle

The adjustable brass ConeJet nozzle rotates through a half turn to provide spray selection from wide angle, finely atomized cone spray to a straight stream spray.

Tip settings "A" and "B" represent two extreme points of rotation in tip adjustment.





ADJUSTABLE	PERFORMANCE		LIQUID PRESSURE (bar)						
CONJET TIP NO.		1	.5	2	2	;	3	4	4
110.		Α	В	Α	В	Α	В	Α	В
5500-X18	Capacity—I/min	0.79	2.61	0.98	3.18	1.14	3.67	1.40	4.54
Standard	Spray angle °	71	-	75	-	77	-	78	
	Max throw m	1.2	11.6	1.2	12.8	1.2	13.3	1.2	13.0
5500-X22	Capacity—I/min	0.98	3.14	1.21	3.79	1.40	4.54	1.70	5.30
	Spray angle °	71		75		78	-	79	
	Max throw m	1.2	11.7	1.40	13.0	1.5	13.6	1.5	13.2
5500-X26	Capacity—I/min	1.17	3.71	1.40	4.54	1.63	5.30	2.01	6.43
	Spray angle °	72	-	76	-	78	-	79 -	
	Max throw m	1.4	11.6	1.5	13.1	1.5	13.7	1.7	13.3

IMPORTANT SAFETY MESSAGE FOR OWNERS & OPERATORS

Do not load your ATV or other vehicle in excess of the ATV manufacturer's recommended carrying capacity.

It is important to understand that any loads or attachments you place on your ATV or utility vehicle will have an impact on the stability and handling characteristics and that you should adjust your riding and operation of the ATV accordingly.

Do not fill this spray tank or other equipment to a level where the gross weight exceeds the manufacturer's recommended load limit of the ATV.

Safety is Goldacres primary concern in the design, manufacture, sale, and use of this ATV spray tank and other equipment.

IMPORTANT: Failure to adhere to these recommendations or follow these rules may result in injury or death to the operator and/or bystanders.

Anyone involved in the use or operation of the ATV and ATV spray equipment should be aware of, and trained in appropriate safety recommendations including those contained in this manual.

CAUTION!

- Fully read the Owner's Manual before mounting this spray unit to an ATV or vehicle.
- Before mounting to an ATV or vehicle ensure that fitment complies with weight restrictions as specified by ATV or vehicle manufacturer.
- OVERLOADING the ATV or vehicle, or operating it improperly, may cause an accident, injury or death.
- Do not load the ATV in excess of the load limit capacity of the ATV as recommended by the manufacturer.
- Filling the spray tank when fitted to the ATV will result in changes to the handling and stability of the ATV.
- ATV tyres should be inflated to the manufacturers recommended operating pressures.

- Do not attach other equipment to the ATV spray tank. This may exceed the ATV spray tank's designed capacity and function.
- Reduce speed when operating the ATV spray tank when tank is loaded.
- Allow for greater braking distances when the ATV spray tank is loaded.
- To reduce possible ATV instability it is recommended the ATV be stationary if spot spraying on a slope or hill.
- Ensure the ATV or vehicle complies with all relevant road regulations for use on farm or public roads.
- Do not allow any other person to ride on the ATV at the same time this ATV spray tank is fitted
- If spraying chemical, ensure you select the right chemical for the application.
- Use relevant personal safety protection (PPE) clothing and equipment when handling chemicals. Refer to chemical manufacturer's label for requirements.
- Take care when spraying in windy conditions. Spray drift may affect the operator or adjoining vegetation.
- Do not allow use of this sprayer by minors. Do not use the sprayer in the vicinity of other people or animals.

SAFETY

General

The following pages outline important safety information. At Goldacres safety is a high priority. These safety and warning instructions MUST be followed to ensure the safe operation of your Goldacres equipment.

Explanation of key terms used in this operator's manual are:

Danger - You will be killed or seriously hurt if you don't follow instructions

Warning - You can be seriously hurt if you don't follow instructions

Caution - You can be hurt if you don't follow instructions

Note - Is used to notify people of installation, operation or maintenance information that is important but not hazard related

The Operator

All operators of this equipment should be adequately trained in the safe operation of this equipment. It is important that all operator's have read and fully understand the operators manual prior to using this equipment.

All new operators should be trained in an area without bystanders or obstructions and become familiar with the sprayer prior to operation.

Safety Precautions

Warnings

- Any unauthorised modifications to this equipment may affect its function and create a serious safety risk.
- Never attempt to clean parts or nozzles, by blowing with mouth.
- Never attempt to siphon chemicals, or substances, by sucking.
- It is imperative that the vehicle manufacturer's specifications be checked and all instructions for use

- when transporting, or towing, be adhered to at all times.
- Care should be taken when transferring liquid into the tank to ensure that the gross weight of the equipment does not exceed the carrying, braking and/or towing capacity of the vehicle to which the equipment is attached as specified by the vehicle manufacturer.

NOTE: 1 LITRE WATER = 1KG.

- Water weighs 1kg per litre, however conversion factors must be used when spraying liquids that are heavier or lighter than water. Example: liquid urea has a density of 1.28 kg/L and will therefore be significantly heavier than water if the tank is filled completely.
- Suitable care should be taken when driving with the equipment attached to the vehicle. Consideration should be given to both the carrying capacity of the vehicle and the gradient of the terrain when determining the speed at which the vehicle can be driven safely.
- Ensure that the maximum speed of the vehicle, when loaded, is within the vehicle manufacturers limitations.
- Ensure equipment is securely fastened, or attached to the vehicle at all times.
- Never stand within the radius of boom wings.
- Regularly check the pump mounting bolts. The pump will always vibrate to some degree when operating, and this may work the bolts loose.

Cautions

- A supply of fresh water should be with the equipment at all times.
- Standard polyethylene tanks are not designed for use with diesel fuel or any flammable liquid.
- Do not use this machine in ambient temperatures exceeding 40 degrees Celsius.
- Ensure that all bolts are tightened and secured before operation.
- Where fitted, always ensure that the boom (where fitted) is securely supported when travelling.

 Area surrounding equipment may become slippery when wet.

Notes

- Always read and understand the operator's manual prior to operation of this equipment.
- It is the responsibility of the operator to ensure that there are no decals missing from the equipment and that any damaged or missing decals are replaced prior to operation.
- Goldacres equipment ordered or operated, outside the guideline limitations may not be warranted by Goldacres for successful performance. Operators working outside these limitations do so at their own risk, unless specific advice has been sought from and provided by Goldacres in writing.
- Always read and follow the chemical manufacturer's guidelines for safe application as per the chemical label. Particular attention should be given to the recommended target application rate of the chemical being applied as per the chemical label.
- Inspect the equipment thoroughly for damage and wear before operation.
- Flush chemicals from equipment immediately after use.
- Certain chemicals may be unsuitable for use with Goldacres standard plumbing designs. Consult your Goldacres dealer if in doubt.
- Do not operate the equipment while under the influence of any drugs, alcohol or if excessively tired.
- Make sure that the equipment complies with all relevant road regulations when transporting.
- When draining fluids from the equipment use appropriate, leak proof containers. Do not use food or beverage containers as someone may consume the contents by mistake.
- After reading the operator's manual if there is any thing that you do not understand please contact your Goldacres dealer.

Safe use of chemicals

The safe use of Ag chemicals with this equipment is the responsibility of the owner/operators. All operators should be trained in the safe use of Ag chemicals. Goldacres suggest that a relevant course is completed by owners/operators prior to operation of this equipment as a spray unit.

Personal Protective Equipment (PPE)

Always wear close fitting clothing and safety equipment designed for the job.

Chemicals can be harmful to humans, appropriate PPE should be used when handling chemicals.

Always refer to the chemical manufacturers label for guidelines on the appropriate PPE to use with the chemicals you are using.

Goldacres also suggest that you read and understand the following Australian standards:

- Australian Standard for Chemical protective clothing AS3765
- Australian Standard for Respiratory protection devices AS1715

Airborne particles

Always stand well clear of equipment during operation. Any spray drift is dangerous and may be hazardous to humans and animals.

Fluids under pressure

Do not disconnect any hoses, nozzles or filters while equipment is operating. Disconnecting these components while under pressure may result in uncontrolled fluid discharge which may be hazardous.

When the repair is complete ensure that all fittings and lines are secured before reapplying pressure.

Safety Decals

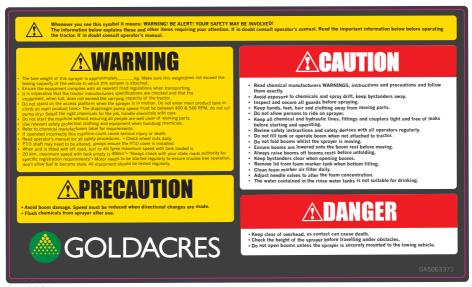
Understanding safety decals and their purpose assists in the safe operation of your sprayer. Safety decals are there for your protection and it is the responsibility of the owner operator to replace damaged and/or missing safety decals.

Regularly review safety decals with operators. It is very important to ensure that all new machine components and replacement parts include current hazard identification decals.

Replacement safety decals can be ordered from all Goldacres dealers.

Identification

When ordering parts or requesting service information for your sprayer it is important to quote the serial number of your machine, and the purchase date, in order to receive accurate information. The location of the serial number is shown in the picture. This number is located on the warning decal as indicated below.



GA5063371 decal

GA5015971 EVO_R2 decal



GA5013 EVO_R2 decal



GOLDACRES

ATV 200

GA8700118 ATV 200 tank decal

GOLDACRES

ATV 300

GA5065005 ATV 300 tank decal

GOLDACRES

UV400

GA5065065 UV400 tank decal

TERMS AND CONDITIONS

Interpretation

- In terms and conditions:
- "Goldacres" means Goldacres Trading Pty. Ltd. A.C.N. 061 306 732 trading as Goldacres Agricultural Equipment (its successors and assigns) which is the seller of the Goods
- 'Purchaser" means the purchaser of the Goods;
- (3) "Goods" means the products and, if any, the services sold or provided by Goldacres to
- (4) "GST Act" and "GST" are given the meanings referred to in a New Tax System (Goods and Services Tax) Act 1999.
- "PPSA" means the Personal Property Securities Act 2009 (Clth) (as amended);
- Nothing in these terms and conditions shall be read or applied so as to exclude, re strict or modify or have the effect of excluding, restricting or modifying, any condition, warranty, guarantee, right or remedy implied by law (including the Competition and Consumer Act 2010) and which by law cannot be excluded, restricted or modified.

General

- (1) The Goods and all other products or services provided by Goldacres are provided subject to these terms and conditions. These terms and conditions and any terms and conditions incorporated herein by virtue of clause 3 hereto shall prevail over all other terms and conditions of the Purchaser or otherwise to the extent of any inconsistency.
- These terms and conditions may not be modified or amended without the expressed written consent of Goldacres endorsed by the Managing Director of Goldacres Trading

Additional Terms and Conditions

From time to time Goldacres may provide additional or extended warranties in respect of certain goods and/or services. Where such additional or extended warranties are provided to a Purchaser in writing they will be incorporated into these terms and conditions provided that in the event of any inconsistency between these terms and conditions and the terms of any additional or extended warranty, the provisions of the additional or extended warranty shall prevail.

Goldacres quotations

Unless previously withdrawn, Goldacres quotations are open for acceptance within the period stated therein or, when no period is stated, with 14 days only of the quotation date. Goldacres reserves the right to refuse any order based on any quotation within 7 days of receipt of the order.

Packing

The cost of any special packing and packing materials used in relation to the Goods shall be at the Purchaser's expense notwithstanding that such cost may have been omitted from any quotation.

Shortage

The Purchaser waives any claim for shortage of any Goods delivered if a claim in respect thereof has not been lodged with Goldacres within (7) seven days from the

date of receipt of the Goods by the Purchaser. Specifications, etc: Catalogues, etc: Quantities

All specifications, (including but not limited to: drawings, particulars of weights, volumes, capacities, dimensions, load factors) are approximate only and any deviation shall not be taken to vitiate any contract with Goldacres or form any claim against Goldacres. The descriptions, illustrations, and performances contained in catalogues, price lists and other advertising matter do not form part of the contract of sale of the Goods. Where specifications, drawings or other particulars are supplied by the Purchaser, Goldacres' price is made on estimates of quantities required. Should there be any adjustments in quantities above or below the quantities estimated by Goldacres and set out in a quotation, then any such increase or decrease shall be adjusted on a unit rate basis according to unit prices set out in the quotation.

Performance, Capacities, Chemicals, Liquids, Application Methods, Environmental Effects

Any performance, volumes, and/or capacity figures given by Goldacres are estimates only. Goldacres shall be under no liability for damages for failure to obtain such figures unless specifically guaranteed in writing and any such written guarantee shall be subject to the recognised tolerances applicable to such figures. The suitability of chemicals and other liquids for any application and the application methods and the environmental effects shall be the sole decision and responsibility of the Purchaser and the user of the Goods. Goldacres gives no warranty as to the suitability of any chemicals or other liquids for any application, nor the application methods nor the environmental effects, which may result from the use of the Goods. Goldacres shall be under no liability for damages arising out of the use of any chemicals, liquids, or mixtures in the Goods nor for any application, nor for the application methods nor for the environmental effects, which may result from the use of the Goods.

Delivery/Service Times

The delivery times and service times made known to the Purchaser are estimates only and Goldacres shall not be liable for late delivery, non-delivery or delay and under no circumstances shall Goldacres be liable for any loss, damage or delay occasioned by the Purchaser or its customers arising from the late or non-delivery or late installation of the Goods.

Loss or damage in transit

Goldacres is not responsible for any loss or damage to Goods in transit. Goldacres shall render the Purchaser such assistance as may be necessary to press claims on carriers provided that the Purchaser shall have notified Goldacres and the carriers immediately the loss or damage is discovered on receipt of Goods and shall lodge a claim on the carrier within three days of the date of receipt of the Goods. Insurance of Goods in transit is the responsibility of the Purchaser.

Limit of Liability

- (1) Goldacres liability for Goods manufactured by it is limited to:
- where the law implies consumer guarantees into these terms and conditions pursuant to Part 3.2 Division 1 of Schedule 2 to the Competition and Consumer Act 2010 (C'th") ("consumer guarantees") which cannot be excluded and Goldacres breaches a consumer guarantee, the loss and damage the Purchaser is entitled to at law which cannot be excluded by these terms and conditions;

and in all other cases

- making good any defects by repairing the same or at Goldacres option by replace-(b) ment within a period not exceeding either 1000 hours or twelve calendar months, whichever comes first, after the Goods have been dispatched provided that:
- the defects have arisen solely from faulty materials or workmans (ii)
- the Goods have not received maltreatment inattention or interference:

- accessories of any kind used by the Purchaser are manufactured or approved by (iii) Goldacres
- where applicable, the seals on the Goods remain unbroken;
- there has been no improper adjustment, calibration or operation; the use of accessories including consumables, hardware or software (not manufac-(vi)
- tured by Goldacres) has been approved in writing by Goldacres; no contamination or leakage has been caused or induced;
- (viii) any modification to the Goods have been authorised in writing by Goldacres;
- (ix) there has been no inadequate or incorrect use, storage, handling or application of the
- there has been no use or operation of the Goods outside of the physical, electrical or environmental specifications of the Goods;
- there has been no inadequate or incorrect site preparations:
- there has been no inadequate or improper maintenance of the Goods; (vii)
- (xiii) it has not been caused by fair wear and tear; and
- firstly the Goods have been thoroughly inspected and any damage (from whatever cause) to the Goods (and in particular - the structure, welding, seams, bolts, booms) has been repaired prior to the Goods being operated, used driven or moved and on each occasion the tanks are filled; and
- there has been no failure to comply with the requirements of all present or future laws or regulations relating to the Goods and/or the use and/or the operation of the Goods; and
- there has been no failure to maintain a record of hours of operation (which record shall contain full details of all inspections, repairs and maintenance) and produce same to Goldacres at the time of the claim;
- the defective Goods or any damaged part of the Goods are promptly returned free of cost to Goldacres or a representative of Goldacres;
- all warranty related repairs have been carried out with the prior authorisation of
- If Goods or any part thereof are not manufactured by Goldacres, in particular engines, engine accessories, transmissions, transfer cases, differentials, tyres, tubes, batteries, radios and UHFs, the guarantee of the manufacturer thereof shall be accepted by the Purchaser and is the only guarantee given to the Purchaser in respect of the Goods or that part provided always that this clause does not seek to exclude the consumer guarantees;
- In the case of hydraulic systems, Goldacres shall replace defective parts in accordance with clause 11(1) of these conditions, provided that the failure of the part was not related to contamination within the system, Goldacres shall not be liable for labour in the case of repairing hydraulic system defects;
- Goldacres will not accept liability for damage attributed to fair wear and tear including but not limited to fair wear and tear to nozzles, chains, belts, filters, brake pads, polyethylene bushes and liquid pump valves, valve O-rings, diaphragms and seals;
- Goldacres shall not be liable for and the Purchaser releases Goldacres from any claims in respect of faulty or defective design of any Goods supplied unless such a design has been wholly prepared by Goldacres and the responsibility for any claim has been specifically accepted by Goldacres in writing and in any event Goldacres liability hereunder shall be strictly limited to the replacement of defective parts in accordance with paragraph 11(1) of these conditions provided always that this clause does not seek to exclude the consumer guarantees:
- Except as provided herein, all express and implied warranties, guarantees and conditions under statute or general law as to the merchantability, description, quality, suitability or fitness of the Goods for any purpose or as to design, assembly, installation, materials or workmanship or otherwise are hereby expressly excluded and Goldacres shall not be liable for physical or financial injury, loss or damage or for consequential loss or damage of any kind arising out of the supply, layout, assembly, installation or operation of the Goods or arising out of Goldacres negligence or in any other way whatsoever:
- The benefit of any warranty provided under these terms and conditions shall only be available to the Purchaser and shall not be transferable by the Purchaser;
- The warranties provided under these terms and conditions do not extend to second hand or used Goods that may be sold by Goldacres.
- Goldacres liability for breach of a consumer guarantee is hereby limited (in the case of goods and services not used for personal, domestic or household purposes) to: 12
- in the case of Goods, any one or more of the following the replacement of the Goods or the supply of equivalent Goods;
- (a) (b) the repair of the Goods:
- the payment of the cost of replacing the Goods or acquiring the equivalent Goods;
- the payment of having the Goods repaired; or
- (d) (2) in the case of services;
- the supplying of the services again; or (a) the payment of the cost of having the services supplied again.
- (1) Unless otherwise stated in writing by Goldacres, all prices quoted by Goldacres are inclusive of GST for supplies within Australia and exclusive of GST for exports outside of Australia. Prices quoted are those ruling at the time of quotation or the date the price is given and are based on rates of freight, insurance, customs, duties, taxes, exchange, shipping expenses, sorting and stacking charges, cartage, cost of materials and other charges affecting the cost of production ruling on that date and any alterations thereto either before acceptance of or during currency of the contract shall be to the Purchaser's acc
- For the purpose of 38-185 of the GST Act, the day upon which the seller gives the invoice for the supply shall be the date of the invoice.

(1) The purchase price in relation to the Goods and the cost of the service shall be payable without deduction and or set off and payment thereof shall be made on or before the thirteenth day of the month following the delivery of the Goods or

performance of the services unless other terms of payment are expressly stated in writing. A decreasing or increasing adjustment and or the issuing of an adjustment note, pursuant to Division 21 and Division 29-C of the GST Act, shall not, in any way, constitute

a release, waiver, and or forgiveness of the debt incurred by the Purchaser. Interest on overdue payments

If Goldacres is not paid for any Goods or services on the due date specified in this

agreement without prejudice to any other right or remedy, all outstanding money shall bear interest at the rate set, pursuant to the Penalty Interest Rates Act, Victoria, 1986, as such money, together with interest shall be recoverable forthwith from the

Rights in relation to Goods

- (1) At all times until the Debts have been paid in full the Purchaser shall be responsible for any loss or damage occasioned to the supplied Goods howsoever occasioned on a strict liability basis and shall indemnify Goldacres against any such loss or damage and shall insure and keep insured the Goods in the name of both the purchaser and Goldacres against such loss or damage to the full extent of the purchase price and shall provide a copy of such Insurance Policy to Goldacres
- The Purchaser shall have the right to resell Goods but only as fiduciary agent and (2) trustee for Goldacres by way of bona fide sale at full market value and in the ordinary course of its business
- Until all the Debts have been paid in full:
- the Purchaser shall take custody of the Goods as trustee, fiduciary agent and bailee for (a) Goldacres
- (b) the Purchaser shall keep the Goods separate from any other goods and properly marked, stored, protected and insured;
- (c)
- the Purchaser must hold all of the money it receives ("Proceeds"): from the sale of any property into which Goods supplied have been incorporated; and from the sale of Goods or provision of services including the Goods supplied by the Goldacres as bailee, fiduciary agent and trustee for Goldacres, but the Purchaser need (ii) not hold on trust any money exceeding the amount of the Debts at the time the money is received.
- The Purchaser expressly acknowledges that it is bound by the fiduciary obligation (d) created in the preceding paragraph and acknowledges that:
- it must hold the Proceeds on trust for Goldacres; it must place the whole of the Proceeds in an account separate from its own moneys (the "Proceeds Account"):
- it must maintain the Proceeds Account separate from its own moneys at all times
- it must maintain proper records for the Proceeds Account.
- (v) it must not assign or encumber any book debts arising from sales made in circumstances set out in clauses 16(c)(i) and (ii) or do any other act in derogation of Goldacres' legal or beneficial interests; and
- it must account to Goldacres on demand for all moneys standing to the credit of such
- For the purposes of identification of different consignments of Goods purchased from Goldacres and receipt of Proceeds, the Purchaser agrees that the principle of "Last In, (e) First Out" shall be applied to any items that cannot be distinguished
- Goldacres may trace the Proceeds in equity.
 Goldacres may at any time, without notice to the Purchaser and without prejudice to any other rights which it may have against the Purchaser, terminate any contract connected with the Goods and the bailment referred to in clause 16(3) and enter upon any premises owned or occupied by the Purchaser where Goldacres reasonably believes the Goods may be stored, and repossess the Goods without liability for any damaged caused, and subsequently dispose of the Goods at Goldacres's discretion if: the Debts are not paid in accordance with these terms and conditions or any other
- (a) contract or arrangement between Goldacres and the Purchaser; or
- (b) Goldacres receives notice of or reasonably believes that:
- a third person may attempt to levy execution against the Goods; or
- the Purchaser is insolvent (within the meaning of the Corporations Act 2001) or (ii) hankrunt or
- (iii) the Purchaser has entered into any arrangement or composition with its creditors, gone into liquidation, or has appointed a receiver, a receiver and manager or adminis
- If after repossession under clause 16(4) Goldacres sells the Goods, Goldacres shall (5) account to the Purchaser for any proceeds of sale (less expenses of repossession and
- sale) that exceeds the amount of the outstanding Debts.

 If any Goods belonging to Goldacres are disposed of by the Purchaser or an insurance claim is made in respect of them, Goldacres shall be entitled to trace the sale or insurance proceeds, which proceeds shall be held by the Purchaser in a separate bank account on trust for Goldacres.
- The Purchaser agrees and acknowledges that in the event it sells Goods to a third party on account, it will include in its terms and conditions of sale a provision under which the Purchaser retains title to the Goods until such time that the total amount due in respect of the Goods and all monies owing to the Purchaser have been paid in full by that third party debtor. The Purchaser also agrees and acknowledges that in these instances, it will register its PMSI in accordance with the PPSA in respect of its security interest in the Goods

PPSA provisions

- (1) The Purchaser acknowledges that these terms and conditions constitute a security agreement for the purposes of section 20 of the PPSA and that a security interest exists in all Goods (and any associated Proceeds from their sale) previously supplied by Goldacres to the Purchaser (if any) and in all in future Goods (and any associated Proceeds from their sale) that may be supplied to the Purchaser by Goldacres.
- The Purchaser acknowledges that Goldacres has a first ranking purchase money security interest ("PMSI") (as defined in section 14 of the PPSA) in the Goods and the Purchaser must not jeopardise such ranking (whether by act or omission)
- The Purchaser acknowledges that it has received value as at the date of first delivery of the Goods and has not agreed to postpone the time for attachment of the security interest (as defined in the PPSA) granted to Goldacres under these terms and conditions
- The Purchaser will execute documents and do such further acts as may be required by Goldacres to register the security interest granted to Goldacres under these terms and conditions under the PPSA
- Until ownership of the Goods passes, the Purchaser must not give to Goldacres a (5) written demand or allow any other person to give Goldacres a written demand requi ing Goldacres to register a financing change statement under the PPSA in respect of Goldacres's interest in the Goods.
- The Purchaser must indemnify Goldacres and on demand reimburse Goldacres for all costs and expenses incurred by Goldacres in respect of these terms and conditions including but not limited to Goldacres registering its security interest in the Goods, lodging, discharging or amending any financing statement or financing change state ment, or otherwise complying with the PPSA.

- The Purchaser agrees (other than as provided in these terms and conditions) not to sell, lease, mortgage, deal with, dispose of or create or attempt to create any other security interest in or affecting the Goods unless and until the Purchaser's Debts have been satisfied.
- The Purchaser waives its rights under the following provisions of Chapter 4 of the PPSA-
- to receive a notice on enforcement action against liquid assets (section 121(4), to receive a notice to seize collateral (section 123);
- to receive a notice of disposal of Goods by Goldacres purchasing the Goods (section
- to receive a notice to dispose of Goods (section 130); to receive a statement of account following disposal of Goods (section 132(2)); to receive a statement of account if no disposal of Goods for each 6 month period (f)
- (section 132(4))
- to receive notice of any proposal of Goldacres to retain Goods (section 135(2)); to object to any proposal of Goldacres to either retain or dispose of Goods (section
- to redeem the Goods (section 142):

- to reinstate the security agreement (section 143); to receive a notice of any verification statement (section 157(1) and section 157(3); The rights Goldacres may have under the PPSA are supplementary and in addition to (9)those set out in these terms and conditions and do not derogate from the rights and remedies of Goldacres under these terms and conditions or under any other statute or under general law.
- (10)The Purchaser must give 10 business days prior written notice of any proposed change in the Purchaser's name or other identifying characteristics and details.

Purchasers property

(d)

Any property of the Purchaser under Goldacres's custody or control shall be entirely at the Purchaser's risk as regards loss or damage caused to the property or by it.

Storage

Goldacres reserves the right to make a reasonable charge for storage if delivery instructions are not provided by the Purchaser within (14) fourteen days of a request by Goldacres for such information.

Returned Goods

Goldacres shall not be under any obligation to accept Goods returned by the Purchaser and will do so only on terms to be agreed in writing in each individual case.

Goods sold

All Goods to be supplied by Goldacres shall be described on the purchase order agreed by Goldacres and the Purchaser and the description on such purchase order modified as so agreed shall prevail over other descriptions including any Purchaser's specification or enquiry.

Cancellation

No order may be cancelled except with the consent in writing and on terms, which will indemnify Goldacres against all losses.

No waiver

The failure of any party to enforce the provisions of these terms and conditions or to exercise any rights expressed in these terms and conditions shall not be a waiver of such provisions or rights and shall not affect the enforcement of this agreement. The exercise by any party of any of its rights expressed in this agreement shall not preclude or prejudice such party from exercising the same or any other rights it may have irrespective of any previous action taken by that party.

Force Majeure

If by reason of any fact, circumstance, matter or thing beyond the reasonable control of Goldacres is unable to perform in whole or in part any obligation under these terms and conditions then Goldacres shall be relieved of that obligation under these terms and conditions to the extent and for the period that it is so unable to perform and shall not be liable to the Purchaser in respect of such inability.

Passing of risk

Risk in the Goods shall pass to the Purchaser upon delivery of the Goods to the Purchaser or collection of the Goods by the Purchaser's agent or carrier as the case may be

To the extent permitted by law Goldacres shall not be liable to the Purchaser in contract or in tort arising out of, or in connection with, or relating to, the performance of the Goods or any breach of these conditions or any fact, matter or thing relating to the Goods or error (whether or not it is negligent or a breach of contract) in information supplied to the Purchaser or a user before or after the date of the Purchaser's or user's use of the Goods and Goldacres shall be under no liability for damages arising out of the use of any chemicals, liquids, or mixtures in the Goods, nor for any application, not for the application methods nor for the environmental effects, which may result therefrom or from the use of the Goods.

Exclusion of representations and arrangements

To the extent permitted by law the terms and conditions supersede and exclude all prior and other discussions, representations (contractual or otherwise) and arrangements relating to the supply of the Goods or any part thereof including, but without limiting the generality of the foregoing, those relating to the performance of the Goods or any part thereof or the results that ought to be expected from using the Goods.

Place of contract

The contract for sale of the Goods and the provision of the services is made in the State of Victoria and the Purchaser agrees to submit all disputes arising with Goldacres to the courts of such State and any court competent to hear appeals therefrom.

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