



# QUIK SPRAY<sup>®</sup>

## INSTRUCTION MANUAL

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### ALL PTO MODELS



Quik Spray<sup>®</sup>, Quik Reel<sup>®</sup>, Quik Corp<sup>®</sup> & Quik Blast<sup>™</sup> are  
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### INNOVATIVE HOSE REEL TECHNOLOGY



## **Congratulations**

Quik Spray would like to thank you for investing in this remote control retractable hose reel. Our speciality hose reels are manufactured to the highest standard of quality to give our customer the best product possible, which will be backed up by our best service possible.

**This instruction manual should be considered a permanent part of your Quik Spray unit and should remain with it at all times**

**THIS MANUAL COVERS THE OPERATION  
AND MAINTENANCE OF ALL PTO DRIVEN  
SINGLE AND TWIN REEL UNITS**

.

**IMPORTANT**  
**READ THIS INSTRUCTION MANUAL CAREFULLY  
BEFORE ATTEMPTING TO OPERATE THE UNIT**

No part of this manual may be reproduced without written permission.

All information in this manual is based on the latest product information available at the time of printing.

# CONTENTS

<b>UNPACKING .....</b>	<b>4</b>
<b>SET UP.....</b>	<b>4</b>
<b>FIG 1.2.....</b>	<b>5</b>
<b>PRE-OPERATION CHECK.....</b>	<b>6</b>
<b>SAFETY FIRST.....</b>	<b>7</b>
<b>BASIC OPERATION.....</b>	<b>8</b>
<b>TROUBLESHOOTING.....</b>	<b>9-10</b>
<b>MAINTENANCE.....</b>	<b>11</b>
<b>WARRANTY POLICY.....</b>	<b>12</b>
<b>WARRANTY REGISTRATION FORM.....</b>	<b>13</b>
<b>CONDITIONS OF WARRANTY.....</b>	<b>15</b>

When you write or call Quik Spray about any problem,  
please give us this information.

- 1 - Model and serial number.
- 2 - Who the unit was purchased from.
- 3 - Date of purchase
- 4 - Your name, address and telephone number.
- 5 - A detailed description of the problem.

## **UNPACKING**

When unpacking your new Quik Spray unit check thoroughly for any transport damage, and that all parts, accessories and extras are included.

1. Aerial/s.
2. Transmitter/s.
3. Instruction manual.
4. PTO shaft
5. Accessories as ordered .

## **WARNING**

***READ THIS MANUAL CAREFULLY BEFORE USING UNIT***

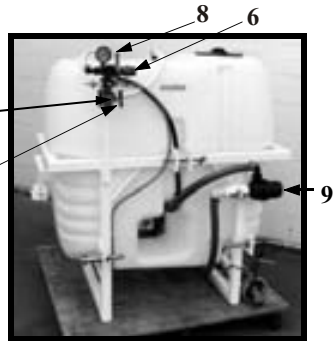
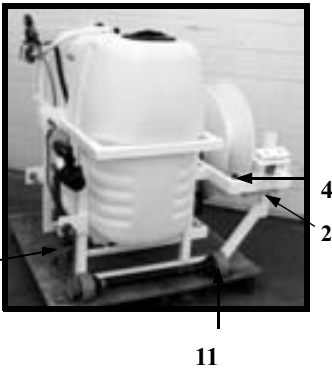
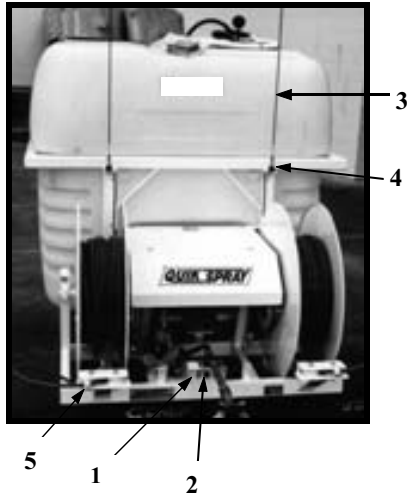
## **SET UP**

1. **DANGER:** Do not connect PTO shaft until steps 1&2 have been completed.
2. Attach the Quik Spray unit to the tractor 3 point linkage and adjust the top arm so that the unit is vertical in it's working position.
3. After lifting the unit through the full up and down travel, measure length required for drive shaft and cut to suit, allowing 50mm extra travel.
4. Connect PTO shaft to pump and read all safety instructions on shaft.
5. Fit aerial/s to mounting base (4) and tighten. **CAUTION:** Do not over tighten as this will result in a break in the coaxial cable.
6. Connect 2 core flex supplied to tractor's 12V battery with in-line fuse fitted in red positive wire. The 2 pin plug can be fitted between unit and tractor for ease of removal. **CAUTION:** Do not let flex rub on PTO shaft.

## **NOTE**

The negative ( ve) black lead is connected to the frame of the Quik Spray unit thus making this frame a negative "earth" unit.

**DO NOT ATTACH TO ANY POSITIVE EARTH MACHINERY**



- 1 "On/off" switch
- 2 Manual button
- 3 Aerial
- 4 Aerial mount
- 5 Hose stopper
- 6 Pressure adjustment
- 7 Outlet valve
- 8 Pressure release lever
- 9 Filter
- 10 2 core flex
- 11 PTO shaft
- 12 Safety valve

## **PRE-OPERATION CHECK**

- 1 - PTO shaft secure and guarded
- 2 - Connect to tractor 12V battery
- 3 - Spray gun/s connected
- 4 - Oil level (pump manual)
- 5 - Controller valves (7) off.
- 6 - Pressure lever (8) in by-pass position**
- 7 - Safety guards and shields are in place
- 8 - All nuts, bolts, and screws are tight.
- 9 - Radio switch off (Twin reel units only)
- 10 - All maintenance is completed (page13)
- 11 - Remove any lifting device.
- 12 - Start tractor and engage PTO

## **NOTE**

The hose feed-out direction on all single reel units can easily be changed from one side to the other if required. To change, remove hand spray gun and hose stopper Redirect hose to opposite side and feed through rollers. Replace hose stopper and adjust to approximately 1metre from the end of hose. Replace spray gun and pressure test.

### **FILLING TANK**

With Quik Spray “fast filler”

Connect suction hose to “fast filler” and into water supply. Start tractor and prime pump. If tank is completely exhausted add a bucket of water to facilitate priming. Once primed turn pressure on (lever 8) and adjust over 20 Bar. (*The higher the pressure the faster the fill.*) Remove lid from tank and turn on “fast filler” valve (7). When tank is full, remove suction hose from supply, while pump is still running to avoid back flow into water supply.

# SAFETY FIRST

**IMPORTANT: Heed all these warnings as failure to do so may result in serious and/or permanent injury**

1. **DO NOT** let any person near the unit while it is operating.
2. **DO NOT** start the unit until reading this manual carefully
3. **DO NOT** engage PTO with pressure lever in the “press” position.
4. **DO NOT** pull the hose out too fast, as the reel may run on, causing the hose to become tangled.
5. **DO NOT** alter equipment in any manner; if repairs are necessary, use only genuine factory repair parts.
6. **DO NOT** leave unit running unattended at any time.
7. **DO NOT** operate unit if there are any leaks from hoses, fittings, etc. Fluids which are under high pressure can penetrate skin.
8. **DO NOT** operate near power lines, as contact could result in electrocution.

## WARNING

**Improperly maintaining this unit, or failing to correct a problem before operating, could cause a malfunction in which you could be seriously injured.**

**Always perform a pre-operation inspection before each operation and correct any problem.**

## BASIC OPERATION.

- Ensure pre-operation check list is complete.
- Fill tank to desired level. (With venturi fast filler see pg. 6)  
**CAUTION** : Never fill tank with lid closed.
- Run pump for 2-3 minutes to prime pump.
- With pump primed, turn lever (8) to “press” position.
- Adjust working pressure with pressure knob (6) .  
(clockwise for more pressure, anti-clockwise for less.)
- Open control valve (7) to reel/s.
- Turn radio switch “on” and carry transmitter with operator.  
(TWIN REEL ONLY L = Left R = Right)
- Quik Spray reels will free-wheel out to desired distance.  
**CAUTION:** Do not pull hose out too fast, as reel may run on, causing hose to become tangled.
- To operate transmitter for retraction, the operator must be 2-3 meters away from the unit.
- When ready, press button on transmitter to retract hose back to unit.  
**CAUTION:** Be ready to release button when approaching reel/s as injury may result.
- After use flush out unit with Quik Flush, according to directions.
- Rinse tank with clean water through gun nozzle, until foaming reduces.
- Turn radio switch “off” (Twin reel) to prevent battery discharge.
- For winter storage, if freezing conditions are expected, empty pump completely or flush with a mixture of water and antifreeze.

### TUNING TRANSMITTER TO RECEIVER

- 1 - Connect power to the Quik Spray PTO Unit.
- 2 - Connect battery to transmitter but leave out of plastic case.
- 3 - Plug the red “tuning lead” into socket inside transmitter.
- 4 - Plug other end into socket on receiver board inside radio “box”.
- 5 - The red light should illuminate on the transmitter.
- 6 - Hold down transmitter button until red light stops flashing (3 seconds) then release button.
- 7 - The transmitter is now tuned to the receiver.
- 8 - Disconnect the red wire. Test, but make sure the hose is pulled out 5 metres to allow for retraction.
- 9 - Note: If needed, the receiver code may be reset by “short circuiting” the two pins sticking up next to the 28 pin black “computer chip”.

# TROUBLESHOOTING

PROBLEM	PROBABLE CAUSE	REMEDY
Pump does not deliver pressure	<p><i>IF GOOD FLOW FROM BY-PASS BACK TO TANK</i></p> <p>(1) Regulating valve not set for pressure</p> <p>(2) Damaged or worn seat or spring in regulator</p> <p>(3) Sticking regulator slide</p> <p>(4) Spray nozzles worn, missing, or exceed pump capacity</p> <p><i>IF IRREGULAR FLOW FROM BY-PASS TO TANK</i></p> <p>(1) One or more valves are not seating.</p> <p>(2) Sucking air through suction line or filter.</p> <p>(3) Air has not been entirely evacuated from pump.</p> <p>(4) Blocked suction filter or valve closed.</p> <p>(5) Reptured spray hoses or fittings.</p>	<p>(1) Set lever (8) to "press " and adjust knob (6)</p> <p>(2) Replace</p> <p>(3) Unstick and lubricate slide (C.R.C.)</p> <p>(4) Replace Spray Nozzles with appropriate size</p> <p>(1) Clean or replace valves.</p> <p>(2) Examine and repair.</p> <p>(3) Run pump with lever (8) on by-pass until all air is evacuated.</p> <p>(4) Clean filter. Open valve.</p> <p>(5) Repair.</p>
Pump delivers insufficient pressure.	<p><i>IF HOSES ARE JUMPING</i></p> <p>(1) One or more valves are not seating.</p> <p>(2) Diaphragm split (Oil will go milky) STOP PUMP.</p> <p>(3) Air has not been entirely evacuated from pump.</p> <p>(4) Sucking air through suction line or filter.</p> <p>(5) Oil level is low.</p> <p><i>IF HOSES ARE NOT JUMPING.</i></p> <p>(1) Damaged or worn seat or spring in regulator.</p> <p>(2) Sticking regulator slide</p> <p>(3) Spray nozzles worn, missing, or exceed the pump capacity</p> <p>(4) PTO Rpm. to low</p> <p>(5) Leaking hoses or fittings.</p>	<p>(1) Clean or replace valves.</p> <p>(2) Replace (see pump manual)</p> <p>(3) Run pump with lever (8) on by-pass, until all air is evacuated.</p> <p>(4) Examine and repair</p> <p>(5) Top up with 20W/30.</p> <p>(1) Replace.</p> <p>(2) Unstick and lubricate</p> <p>(3) Replace nozzles with appropriate size.</p> <p>(4) Adjust.</p> <p>(5) Repair</p>
Pump is noisy	<p>(1) Oil level is low.</p> <p>(2) Sucking air or air in pump.</p> <p>(3) Blocked filter.</p>	<p>(1) Top up with 20W/30</p> <p>(2) Examine and repair.</p> <p>(3) Clean filter.</p>
Oil is changing colour to white or oil in spray hose.	<p>One or more diaphragms are split. STOP PUMP.</p>	<p>Replace diaphragms.</p>
Water returning to tank through safety valve hose.	<p>Worn safety valve (Pressure adjusted to high.)</p>	<p>Replace safety valve.</p>

<b>PROBLEM</b>	<b>PROBABLE CAUSE</b>	<b>REMEDY</b>
Reel does not retract and manual button does not work	(1) Switch (1) not "on" or faulty.(twin reel) (2) Flat battery on tractor (3) Break in vehicle battery connection. (4) Blown fuse. (5) Broken reel drive belt	(1) Switch on or replace (2) Charge or replace. (3) Repair. (4) Replace (10 amp) (5) Replace
Reel does not retract and manual button works	(1) Digital code not synchronised. (2) Discharged transmitter battery. (3) Wrong transmitter (Twin reel) (4) Faulty receiver or transmitter.	(1) Tune radio as per instructions on previous page (2) Replace (216-9V) (3) R=right L=left (4) Return to factory.
Reel only retracts at a close distance	(1) Discharged transmitter battery. (2) Aerial broken or loose on base. (3) Coax broken inside of aerial base. (4) Low 12V. on tractor (5) Faulty receiver or transmitter. (6) Interference from overhead power lines, tractor alternator * see note	(1) Replace (216-9V) (2) Tighten or replace. (3) Repair. (4) Charge battery. (5) Return to factory.
Reel is hard to pull out	Reel brake is adjusted to tight.	Adjust brake.
Reel rewind speed is too slow	(1) PTO revs. to low (2) Drive belts to reel slipping	Increase engine revs. Adjust
Turbo 400 leaks	Worn seat or seal in handle.	Replace. Kit No. 5175

# MAINTENANCE

## PUMP MAINTENANCE SEE PUMP MANUAL

**DAILY**            Clean filter (9)\*  
                          Check oil in pump  
                          Grease PTO shaft  
                          Check reel belt

\* When cleaning filter make sure O ring is seating correctly.

**20Hrs.**            Grease reel swivel  
                          Check all hose fittings  
                          Check oil in gear box (twin reel)  
                          Wash off any salt  
                          Check aerial to base  
                          Flush out tank with Quik Flush

**YEARLY**            Pump and controller overhaul as per manual  
                          Check all nuts, bolts, screws and fittings  
                          Replace battery in transmitter (No. 216-9V)  
                          Check all safety guards and decals are in place

# SPECIFICATIONS

	PTOS 200	PTOS 300	PTOS 500	PTOS 700	PTOT 500	PTOT 700	PTOT 900
Reels	1	1	1	1	2	2	2
Pump/ PA530	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Litres per minute (max)	54	54	54	54	54	54	54
PSI (max)	580	580	580	580	580	580	580
Weight	148	152	173	200	248	270	288
Length (mm)	1255	1255	1300	1300	1620	1620	1720
Height (mm)	885	1080	1300	1400	1430	1530	1600
Width (mm)	990	990	1300	1440	1220	1420	1530
Safety valve	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Radio & clutch	12V	12V	12V	12V	12V	12V	12V
Transmitter battery	216-9V	216-9V	216-9V	216-9V	216-9V	216-9V	216-9V
Hose (metres)	100	100	100	100	100	100	100

## WARRANTY POLICY

Quik Spray Pty Ltd warrants to its authorised Dealer, who in turn warrants the original purchaser (Owner) that each new unit, part or accessory will be free from proven defects in material and workmanship for (12) months after delivery to the Owner according to the conditions outlined.

This warranty does not cover damages resulting from abuse, accidents, alterations, normal wear or failure to maintain or use the Quik Spray product with due care.

During the warranty period, Quik Spray Pty Ltd, or its authorised dealer shall repair or replace, at Quik Spray Pty Ltd option, without charge for parts or labour, any part of the Quik Spray product which fails because of defects in material or workmanship. The owner must provide to Quik Spray Pty Ltd or the authorised Dealer with prompt written notice of the defect (within 14 days of occurrence) and allow reasonable time for replacement or repair.

Quik Spray Pty Ltd (at its option) may request failed parts to be returned to the factory. Any travel time of a service technician and/or transportation of the Quik Spray Pty Ltd product to the authorised servicing Dealer for warranty work are the responsibility of the owner.

This warranty is in-lieu of all other warranties (except those of title), expressed or implied, and there are no warranties of merchantability or fitness for a particular purpose. In no event shall the authorised Dealer or Quik Spray Pty Ltd be liable for downtime expenses, loss of chemical, loss of machine use or other incidental, consequential or special damages.

Certain brands of pumps and motors used, may carry *additional warranties and conditions*. Check these warranties supplied from these manufactures for detailed information

# WARRANTY REGISTRATION FORM

THIS FORM MUST BE COMPLETED AND RETURNED TO  
QUIK SPRAY PTY LTD, 37 PRODUCTION AVE. WARANA QLD  
4575 WITHIN 14 DAYS OF TAKING DELIVERY.

ONLY WHEN THIS REGISTRATION FORM IS COMPLETED AND  
RETURNED, CAN QUIK SPRAY PTY LTD FULFIL ALL WARRANTY  
OBLIGATIONS.

## PRODUCT INFORMATION:

QUIK SPRAY MODEL/TYPE:.....

SERIAL NUMBER:.....

DEALER NAME (if applicable).....

PURCHASE DATE:.....

## PURCHASER DETAILS:

COMPANY NAME:.....

TITLE (Mr/Mrs/Ms).....

SURNAME:.....

GIVEN NAME: .....

POSTAL ADDRESS:.....

TOWN (OR CLOSEST):.....

COUNTRY: .....

TELEPHONE:.....FAX:.....

AFFIX  
STAMP

**QUIK SPRAY**  
**37 Production Ave.**  
**WARANA QLD 4575**  
**AUSTRALIA**

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## Conditions of warranty

- The warranty is only available to the first purchaser and is non-transferable
- The Warranty Registration Form (see over) must be returned to Quik Spray Pty Ltd 37 Production Ave Qld. 4575 Australia , with in 14 days of taking delivery of the unit. Only when the warranty registration form is completed and returned, can Quik Spray Pty Ltd fulfil all warranty obligations.
- Components and conditions **not covered** by warranty are:

**Abuse** Failure resulting from neglect, such as improper operation, lack of required maintenance or continued use of the unit after the discovery of a defect which results in greater damage to the unit.

**Environmental** Deteriorated or failed components such as: diaphragms, O-rings, seals, electrical wiring and connections caused by corrosive chemicals, dirt or sand, excessive heat or moisture. Owners should ensure the type and strength of chemicals used in the unit are compatible with the unit.

**Normal wear** Normal wear and consumable items such as: oils and lubricants, diaphragms, filter elements, clutches, drive belts pivot pins, paint, batteries, and nozzles are considered to be normal wear items and are not warranted.

**Maintenance** Component failure caused by not performing scheduled maintenance service such as: oils, grease, failure to clean tanks, spray lines, nozzles, or any components. Not tightening or replacing loose or missing bolts, nuts, fittings, shields and covers.

**Damage** Damage or machine failure caused by careless or accidental damage, improper operation, inappropriate transportation or storage of the unit.

**Power Source** Failures due to faulty or inadequate electrical sources of power. Owners who use their own 12 volt source must ensure it is suitable for operating the equipment.

**Alterations** Any unauthorised alteration, modification, attachments or unauthorised repairs to the Quik Spray unit. Written approval must be obtained from Quik Spray Pty Ltd for any such items to maintain warranty.

**Removal & Installation** The time taken to remove and re-install a warranted part or component into other brand equipment will not be covered by Quik Spray Pty Ltd warranty. Only parts and labour directly attributable to the repair of the Quik Reel unit is covered.

**Clean up time** Quik Spray Pty Ltd does not pay for cleaning the unit, parts or accessories, or work area before or after the warranty repair. Clean up time is affected by the application or condition in which the unit is operated and maintained. Since clean-up time can be so variable, cleaning time should be considered an Owners expense

**Transportation** Warranty does not cover transportation or insurance costs for units or other equipment requiring repair or replacement of warranted components. Nor does it cover any freight or insurance costs in obtaining new parts or returning old parts to Quik Spray for inspection purposes.

**Travel Time** Travel time required for warranty repairs is the responsibility of the Owner.

**Diagnostic Time** Warranty does cover time required to diagnose a warranty problem. Diagnostic time is affected greatly by the training and expertise of the technician employed to do the job. Since Quik Spray Pty Ltd is not in control of this factor, we do not cover the diagnostic time.

**Non- Genuine Parts** Use of parts other than Quik Spray Pty Ltd parts for repair of warranted parts will automatically negate any warranty. Warranted components must be replaced with genuine Quik Spray Pty Ltd repair parts.

**Unauthorised Repairs** Warranty repairs must only be carried out by an authorised Quik Spray Pty Ltd technician or Dealer.

# **QUIK SPRAY**®

Remote Control Retractable Hose Reel Systems



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