



**Innovative
Agriculture
Equipment**

SAXON

MAGIC EYE

SHEEP JETTER

PPP have been manufacturing sheep Jetters since the early 1980's. The **Saxon Sheep Jetter** has primarily been developed to meet the needs of farmers who want to control flystrike and external parasites but also have mixed aged ewes with average live weights in excess of 85kg. It is also ideal when dipping sheep with a full cover of wool and or sheep and goats with horns.



The **Saxon model** (manufactured by PPP in New Zealand from Stainless Steel) is larger than the Lincoln model and it is designed with adjustable sides and side nozzles. The advantage of these adjustable sides is when you are working with different mobs consisting of different sized/aged sheep, you can simply adjust the sides to suit. The side nozzles are specifically designed to target pesky lice in fine-wool breeds. Just like the Lincoln Jetter (our other model), there are two top rows of nozzles running length wise down the race (5 nozzles per row). There are also two rows of 3 nozzles on the bottom, angled at 30 degrees forward. However, with the **Saxon** Jetter, there is the addition of side rows on either side of the Jetter with 4 nozzles on each. This particular configuration of nozzles ensures complete saturation. This is designed to penetrate the wool to combat lice as there is more product being applied on either side.

SAXON MODEL





The system works efficiently so if sheep are not moving through the Jetter, then no product is dispersed. This means no liquid is being released; hence **no wastage** and no need to recycle contaminated dip. Once the sheep enter the race and break a sensor beam, they immediately get hit with product; and as soon as they're clear of the sensor beam, the dispersion of product ceases. PPP have been manufacturing and selling Sheep Jettors since 1982, the New Sensor Jetter models, including the Lincoln and Saxon, are part of an on-going development and innovation process to meet customers' needs for the control of flystrike/myiasis and parasites. **Te-Pari** has now come on board as our agent in Australia, which just goes to show how well-made the units truly are.



ADJUSTABLE

SIDES 6 different settings



SIDE ROW
4 NOZZLES

- Both sides
- Simple on/off valve easily turned off if you don't need to side jet sheep



SPECIFIC DESIGN PRINCIPLES

Valve Type

- A quick acting solenoid valve has a short reaction time and is not subjected to partial opening as in a mechanical setup.

Nozzles

- Fluid from a solid stream gives significantly better penetration of the fleece and fewer small droplets, reducing the risk to health and safety of operators.

Spray bar orientation

- With 2 top spray bars running in the direction of travel and 2 side spray bars, jetting is significantly increased. This is because greater efficiency is achieved where there is multiple wetting in the same place. Saturation is further ensured with two bottom spray bars angled forward by 30 degrees.

Adjustable sides

- With 6 different settings to choose from, the width of the Jetter can be adjusted to accommodate for different sized/aged mobs.

Spray pressure and rates

- Spray pressure determines the flow rate and the characteristics of the spray stream. The Jetter was designed with the correct number of nozzles to achieve the best range of pressure and flow rates.

Sheep flow

- The speed that sheep pass through the Jetter has a significant effect on wetting. For adequate wetting it is important that animals are controlled to less than 1 animal per second. General recommendations with respect to sheep flow are:

- As they approach the Jetter, sheep should move around a corner in order to achieve separation.
- The Jetter should be as free from clutter as possible.
- The lead-up race should have solid sides.
- The exit race should encourage sheep to run through the Jetter.
- The entrance and exit races should be similar colours.

*Honda Davey Firefighter Pump Twin Impeller 6.5HP comes standard with the Saxon Jetter.

*Handles come standard with the Saxon Jetter.

*Hose kit included with purchase.

*Lead-up & Exit Ramps are available as Add-ons.



Design Feature

Specification

Number of Top Spray Bars	2
Number of Top Nozzles	10
Top Bar Orientation	In line with direction of movement
Top Nozzle Type	Solid Stream
Top Nozzle Direction	Straight Down
Number of Bottom Bars	2
Number of Bottom Spray Nozzles	6
Bottom Nozzles Type	Solid Stream
Bottom Bar Arrangement	Across the line of movement
Bottom Bar Angle	30 Degree Forward
Valve Type	Solenoid
Number of Side Spray Bars	2
Number of Side Nozzles	8
Side Nozzles Type	Solid Stream
Side Nozzles Orientation	Facing Side of Sheep
Adjustable Sides	Yes

Exterior Dimensions

Saxon

Height	1150mm
Length	1270mm
Width	726mm

Interior Dimensions

Saxon

Height	980mm
Length	1170mm
Width	320mm (min) 550mm (max)

Weight

Saxon

110 kg

Honda Motor 6.5HP
Twin Impeller
Davey Firefighter Pump

**For the Saxon model*

