



The **Saxon model** is made here in New Zealand from High Quality Stainless Steel. It is designed with adjustable sides and side nozzles. The advantage of these adjustable sides is that 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, but a lot of farmers, despite not necessarily working with fine-wool breeds, have also been asking for this to be included in our PPP Jetters. There are two top rows of nozzles running length wise down the race (5 nozzles per row), 1 row of 3 nozzles on the bottom angled at 30degrees forward, as well as 2 side rows on either side of the Jetter with 4 nozzles 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.



The systems work efficiently so that 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 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 Jetters 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 for Australia, which just goes to show how well-made the units truly are.



**Adjustable sides with  
4 different settings!**



**Side Row (4 Nozzles)**  
\*Both sides





## 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** wetting is significantly better as greater efficiency is achieved where there is multiple wetting in the same place. Saturation is further ensured with a **bottom spray bar** angled forward by 30 degrees.

### Adjustable sides

- With 4 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 right 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	1
Number of Bottom Spray Nozzles	3
Bottom Nozzle 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	4
Side Nozzle Type	Solid Stream
Side Nozzle Orientation	Facing Side of Sheep
Adjustable Sides	Yes



Exterior Dimensions	Saxon
Width	606mm
Length	1270mm
Height	1050mm
Interior Dimensions	Saxon
Height	990mm
Length	1270mm
Width	320mm (min); 530 (max)
	<b>Saxon</b>
<b>Weight</b>	<b>110 kg</b>



Honda Motor 6.5 HP  
Twin Impeller  
Davey Firefighter Pump  
\*For the Saxon model