



The Lincoln model is manufactured here in New Zealand, from High Quality **Stainless Steel** which not only gives it a superior look, but also, more importantly, reduces the weight of the unit down to 48kg and renders it corrosion free. There are two top rows of nozzles running length wise down the race (5 nozzles per row), and one row of 3 nozzles on the bottom angled at 30 degrees forward. This particular configuration of nozzles ensures the animal is well-saturation. A greater amount of product is applied to the back of the sheep, which then dissipates and runs down either side of the sheep. Simultaneously, the bottom nozzles are spraying the brisket, and wetting the bum & tail as the sheep exits the race. This ensures the Jetter is just as effective in controlling flystrike, as it is for lice & keds. The success of this unit is based around the simplicity, reliability and competitive pricing coupled with the **high throughput of sheep per hour i.e. 800-1,000/hr.**

*Honda Davey Firefighter Pump Single Impeller 5.5HP comes standard with the Lincoln Jetter.

*Hose Kit included with purchase.

*Handles and/or Lead-up & Exit Ramps are available as Add-ons.



FEATURES



- Being quicker than hand jetting, an automatic Jetter allows for a more timely and efficient operation.
- Spray bar orientation based on research by NSW Department of Primary Industries Agricultural Engineering Research Unit.
- Electric sensor activation gives a clutter-free race, reducing vulnerability to flow of animals.
- Battery operated allows Jetter to be used in remote locations.
- Tapered V Frame to centralize animals of different sizes and reduce the effect of tunnelling.
- Constructed from High Grade Stainless Steel, allowing for a compact, lightweight design at only 48kg.
- No moving parts necessitating maintenance (visual pressure gauge and minimal plumbing and fittings).
- Larger solid stream spray nozzles operating at lower pressures produce less spray drift reducing risk of human exposure to pesticides.



EASE OF USE



- No adjustment required for different sized sheep.
- Camlock fittings allow for quick setup.
- Non-slip mesh floor.
- Simple lightweight design allowing ease of movement.
- Easily connects to yard gates including Prattle Yard.
- Ramps and Handles available as Add-Ons.



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, 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 30 degrees.

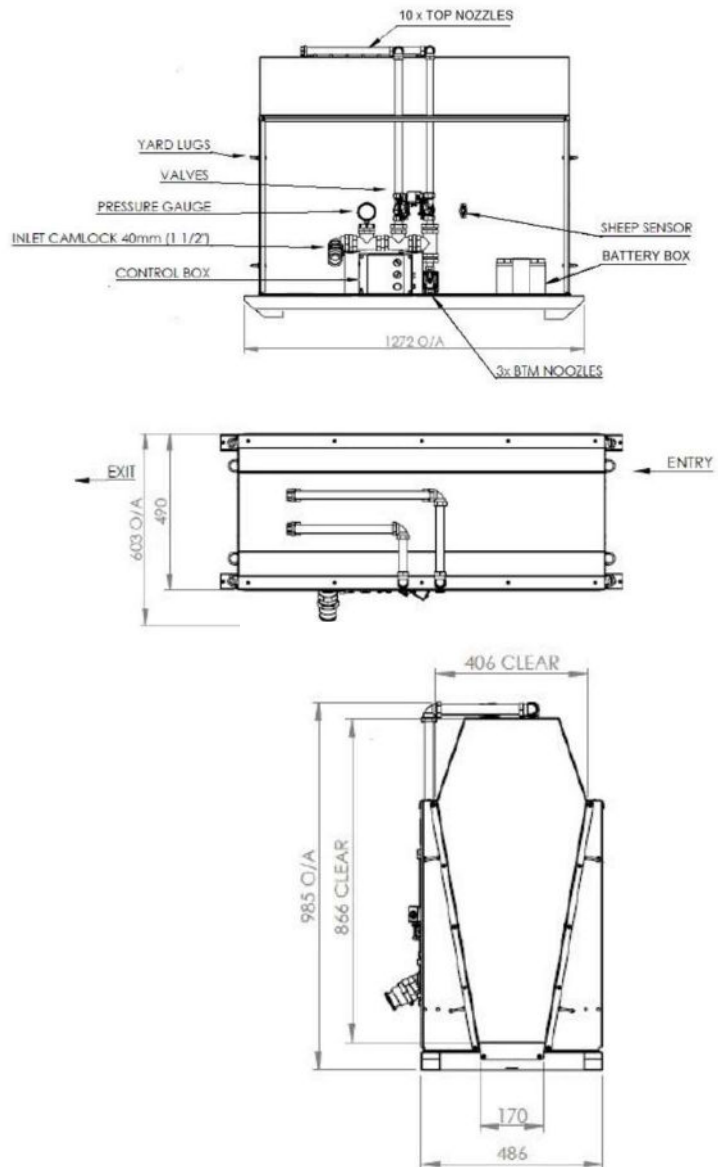
Spray pressure and rates

- 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.



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 for Australia, which just goes to show how well-made the units truly are.



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

Exterior Dimensions	Lincoln
Width	500mm
Length	1270mm
Height	1050mm
Interior Dimensions	Lincoln
Height	866mm
Length	1270mm
Width	410mm
	Lincoln
Weight	48 kg



Honda Motor 5.5 HP
Single Impeller
Davey Firefighter Pump
*For the Lincoln model

