

# Genesis

## 14,000L Water Cart

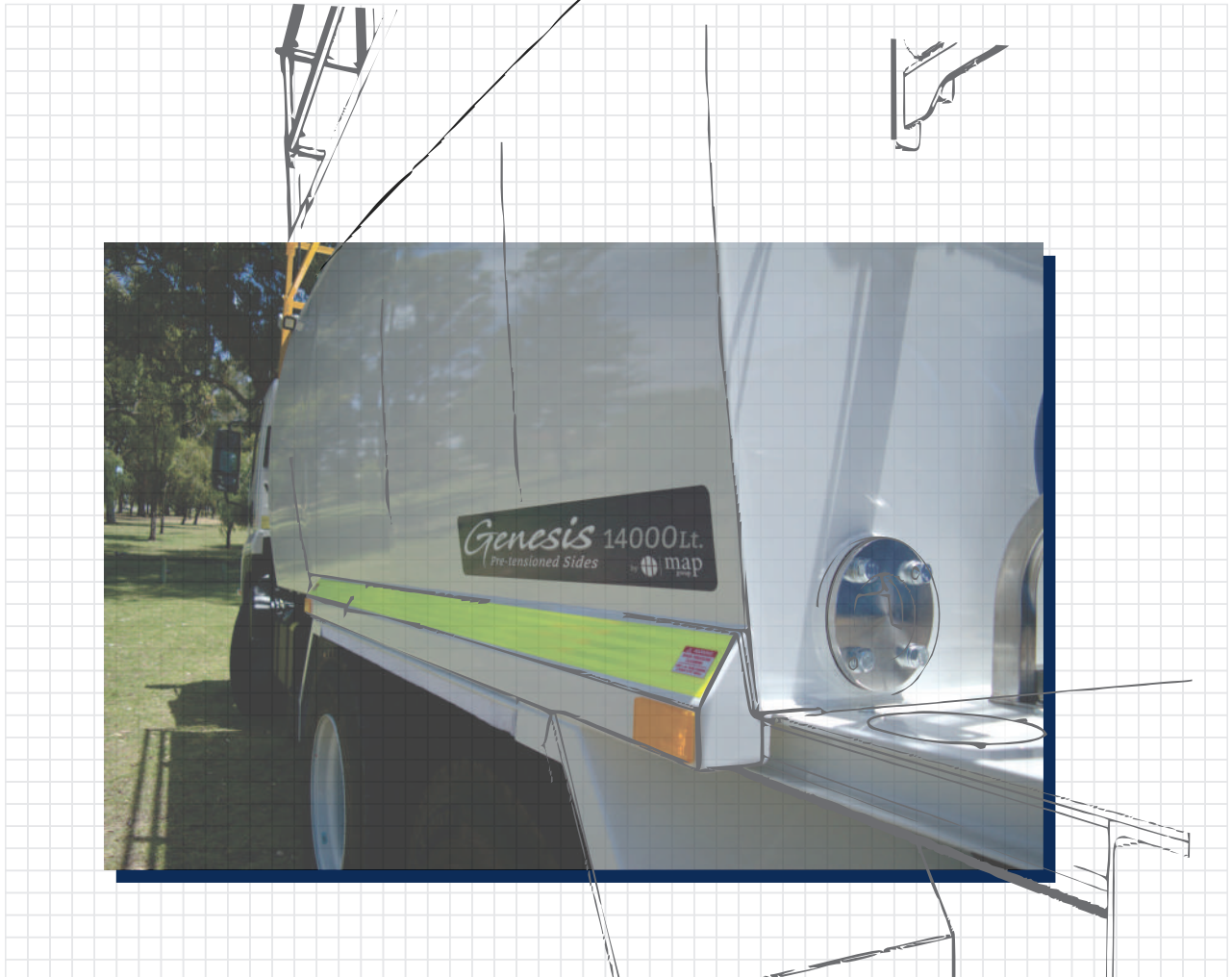


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## CONTENTS

<b>Pre-Tensioned Sides.....</b>	<b>1</b>
<b>Mine Spec. Compliance.....</b>	<b>2</b>
<b>In-Cab Controls.....</b>	<b>3</b>
<b>In-Cab Features.....</b>	<b>4</b>
<b>RHS Fire Extinguisher and Wheel Chocks....</b>	<b>5</b>
<b>Front of Tank.....</b>	<b>6</b>
<b>Tank Fill Indicator.....</b>	<b>7</b>
<b>Drop-Down Steps.....</b>	<b>8</b>
<b>Handrails and Stairs.....</b>	<b>9</b>
<b>Isolators, Emergency Stop, Jump Start.....</b>	<b>10</b>
<b>Control Box.....</b>	<b>11</b>
<b>Air Tank and LHS Fire Extinguisher.....</b>	<b>12</b>
<b>Rear Tank Components.....</b>	<b>13</b>
<b>Water Dispersion.....</b>	<b>14</b>
<b>Rear Tank Components (cotd.).....</b>	<b>15</b>
<b>Handrail Locking and Funnel.....</b>	<b>16</b>
<b>Aerial.....</b>	<b>17</b>
<b>Wheel Nut Tension Indicators.....</b>	<b>18</b>

# Pre-Tensioned Sides



Our unique pre-tensioned water cart side walls give our modules that extra element of safety, strength and longevity.

In contrast to the traditional method of pressing or rolling sidewalls and fitting them to the sides, we in fact wrap the walls around the module.

This results in a water cart that's built to last and perform.



# Mine Spec. Compliance



Every module produced by MAP Group is fully compliant with mine specifications. With rotating amber beacons, reverse lights and alarm, jump start receptacle, starter isolator, wheel chocks and emergency stops, you can be sure you'll be safe and seen on site.

The module is also completely labelled and includes reflective strips on both sides for visibility.



# In-Cab Controls



Our customisable in-cab control box features easy to operate switches for each element of the water dispersion system meaning full operation can take place from within the cabin. This means a much safer, smoother and faster operating experience.

Due to the backlit facia of the console, operation at night time is easy as the screen remains legible at all times.



Figure 1. Control Unit

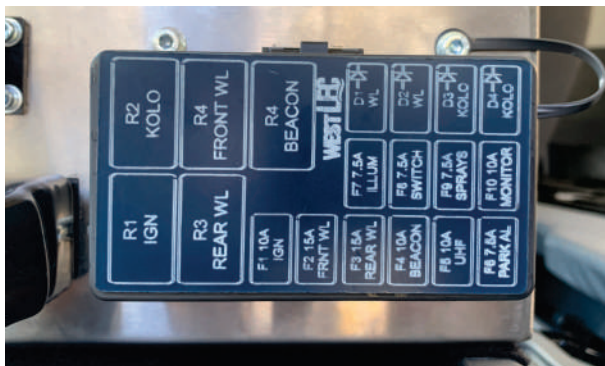


Figure 2. Fuse box on back of control unit

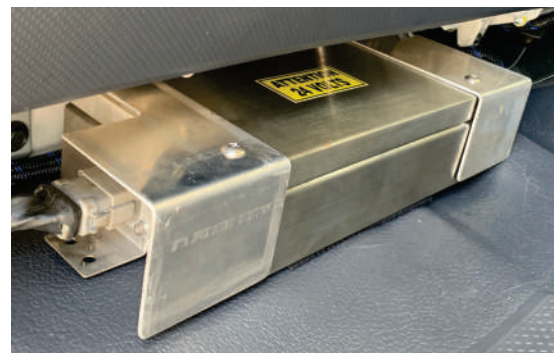


Figure 3. Canon control box in passenger footwell



Figure 4. First aid kit



Figure 5. Two-way Radio





Figure 6. 9kg Fire extinguisher and grease line point behind cab on driver side.



Figure 7. Wheel chocks on front driver side mudguard

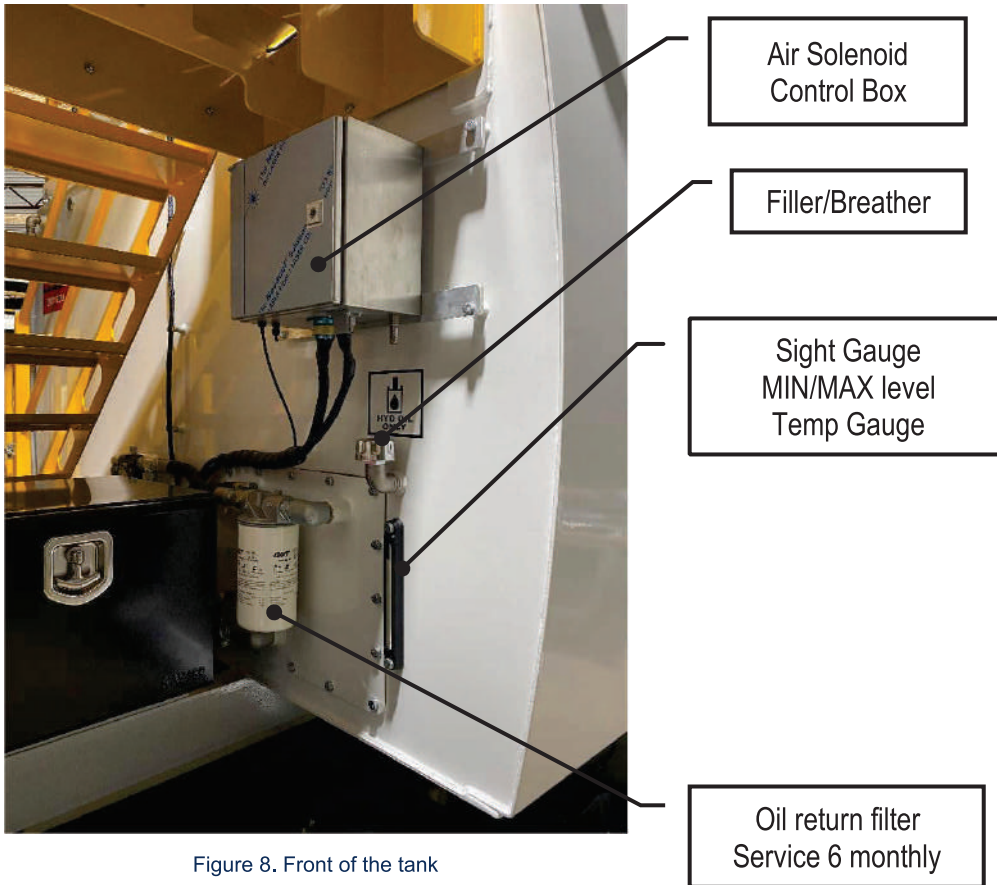


Figure 8. Front of the tank



Figure 9. Flow control valve under the steps

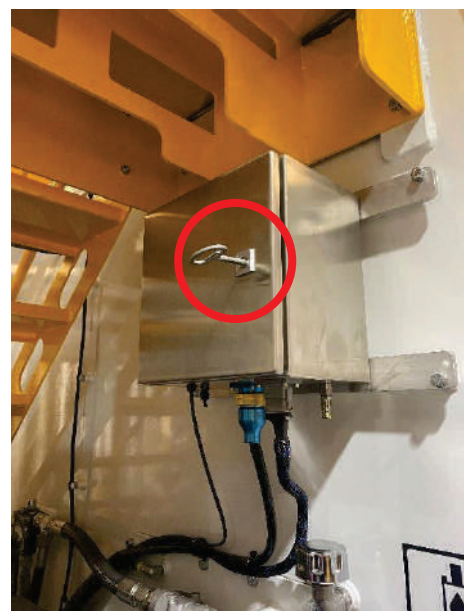


Figure 10. Control box key stored in the cab





Do not fill past the black line on-road

On-Road Level Indicator Valve

Figure 11. Tank fill indicator and ADR level point



Figure 12. Steps unfolded



Figure 13. Steps locked



Figure 14. Steps unlocked



# Handrails and Stairs



**Folded down position**

Our handrails make the full extent of the water cart module accessible by personnel without any fall risk during maintenance or servicing.

Painted in Y14 Safety Yellow with fold-down abilities, they are fully compliant to AS1657-1992. Utilising two anti-luce fasteners and two gas struts, they are quick and easy to stand up or lay down.

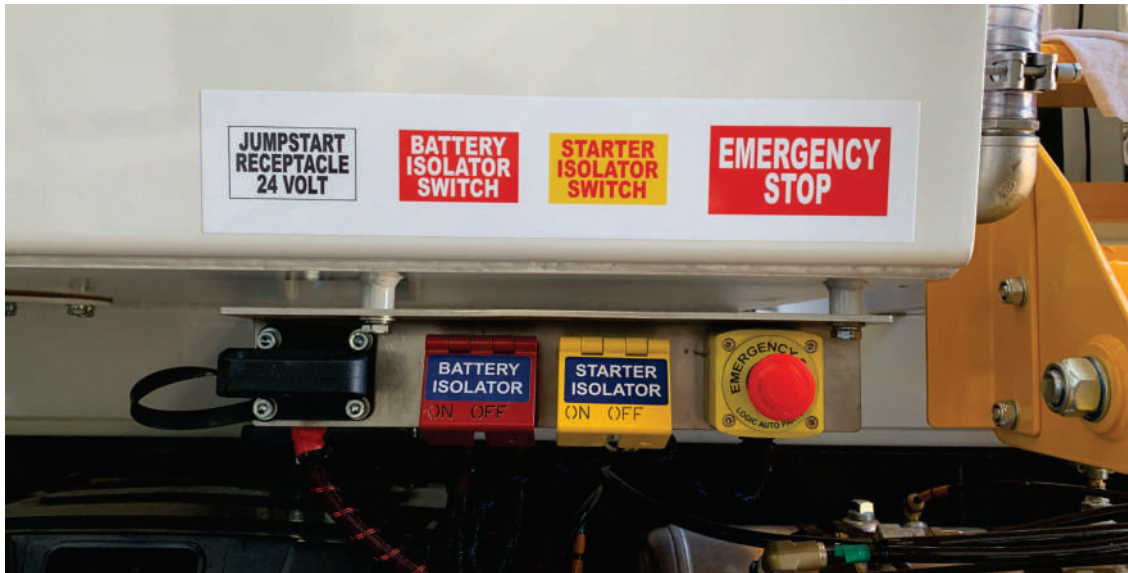


Figure 17. Isolators, Emergency Stop and Jumpstart Receptacle



Figure 18. On-road Level Indicator Valve





Figure 15. Air solenoid control box, key in cab

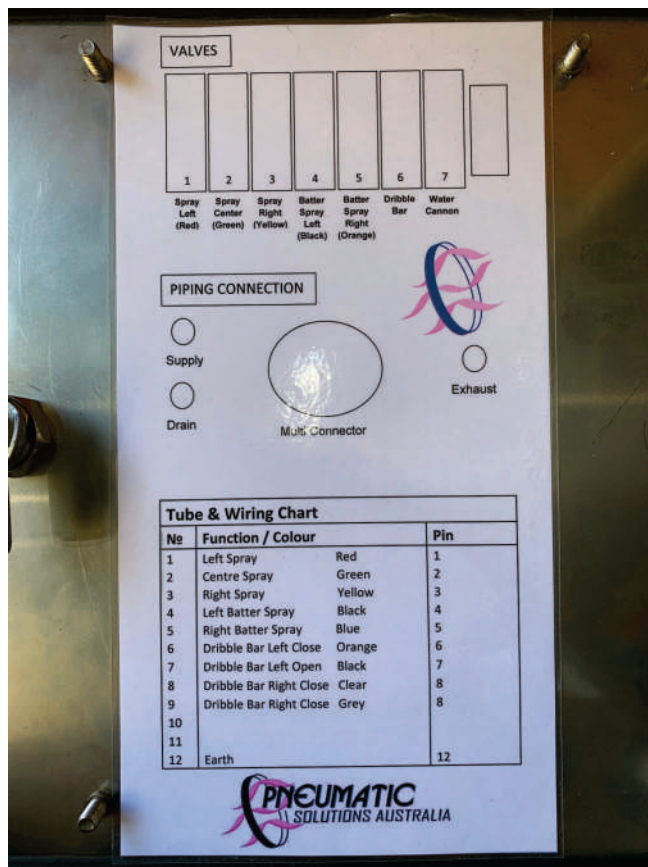


Figure 16. Air solenoid control box diagram



Figure 19. Spare tyre carrier and air tank on the passenger side

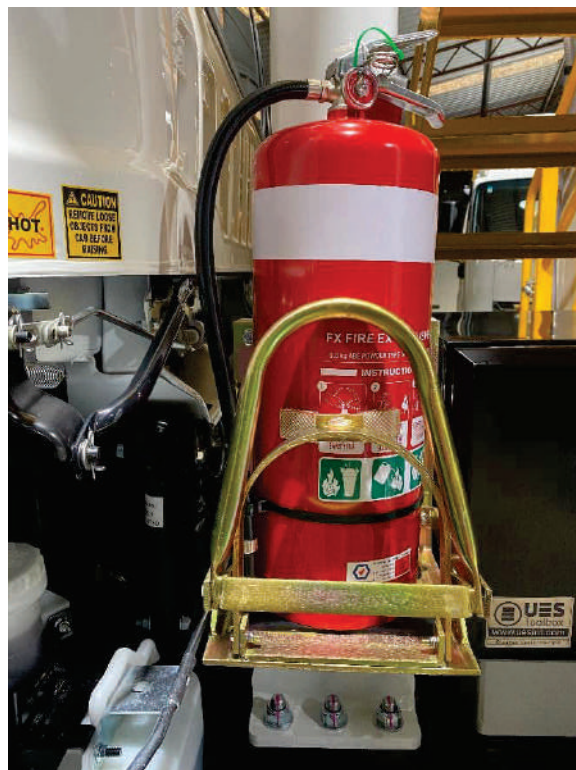


Figure 20. Fire extinguisher on the passenger side



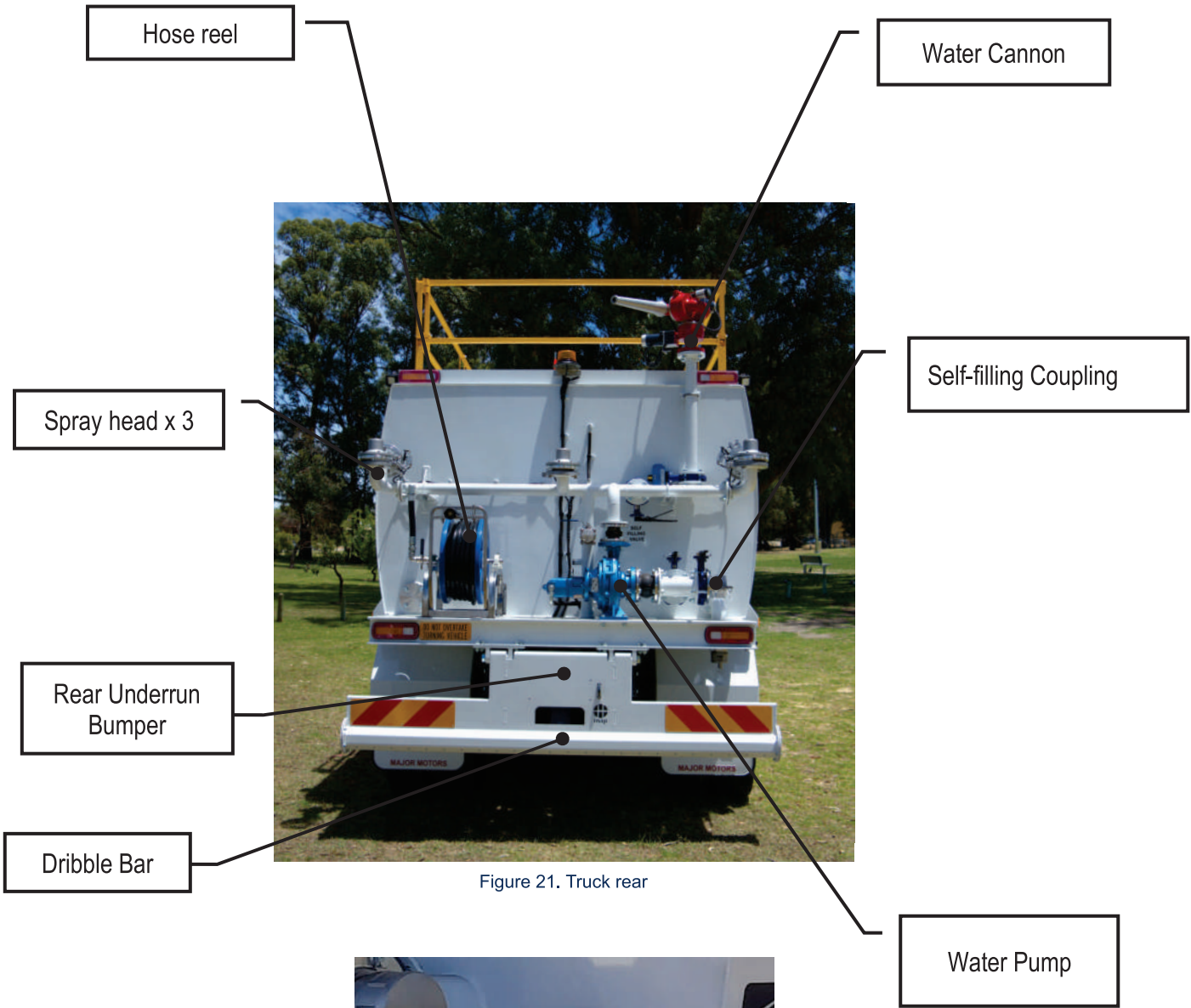


Figure 21. Truck rear

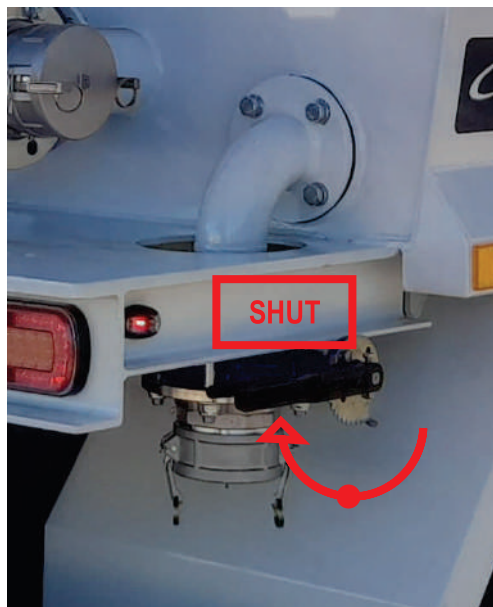


Figure 22. Dump valve on rear driver side

# Water Dispersion

### Water Cannon

Our cannon of choice is the Magnum RM65H-360 which offers great control and reliability.

We pair this with in-cab controls so you can commence spraying without even leaving the comfort of the cab!

The nozzle is interchangeable and ready for a fogging nozzle if desired.



### Spray Heads

We can offer various combinations of spray heads on our water carts.

From none (for potable applications) to 5 heads offering 3 regular sprays with 2 batter sprays.



### Dribble Bar

Our dribble bar is fully designed and fabricated by us. Most of our competitors use a piece of drilled pipe for this, however our unique design ensures a tailored fit that not only looks the part, but is also a highly effective underrun protection system as well.





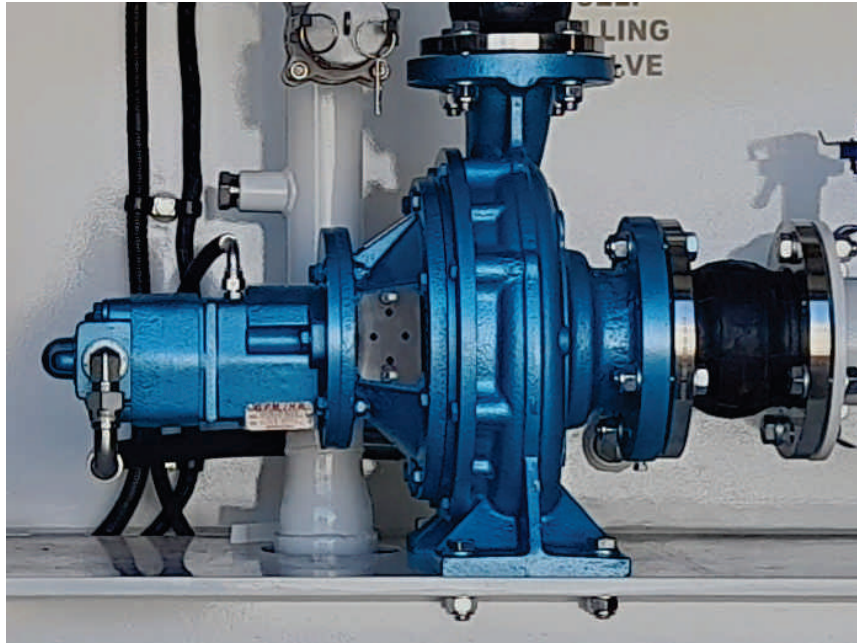
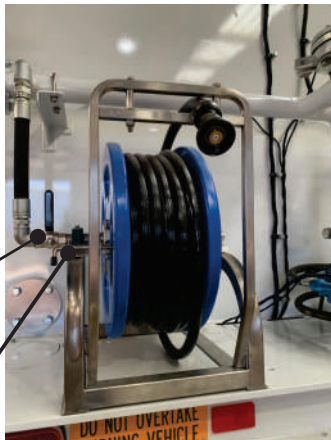


Figure 23. Southern Cross 100 x 65 x 250 Hydraulically driven water pump



Ball Valve

Lock



Winder Handle

### Hose Reel

We can offer a choice of hose reel depending on requirements and preference.

Our water carts can either come with:

- 20mm x 40m
- or
- 25mm x 25m

Figure 24. Hose reel



Figure 25. Magnum Water cannon



Figure 26. Dribble bar



Figure 27. Driver side railing

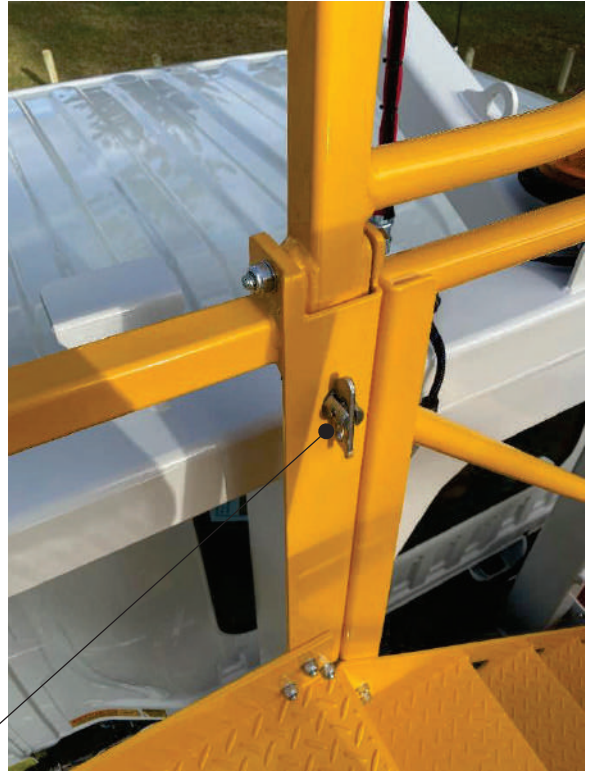


Figure 28. Passenger side railing

Unlock to unfold



Figure 29. Funnel, located in desired position





Figure 30. Antenna, stored in the cab





Figure 31. Wheel nut indicators must face each other



*Thank you for choosing a MAP Group Product*  
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