

NH3 Tank Tracking

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Tank tracking is best handled by setting up the individual tanks as Vehicles in Agvance then using the Agvance Scale Interface to record the weights and tanks as they move in and out. There is a report in the Scale Interface called Vehicle Throughput that shows the quantities that have moved through each tank.

Setting Up Tanks as Vehicles

Vehicles can be set up under *Hub / Setup / Vehicles*. When adding the tank, the most important fields to fill out are the *Vehicle ID*, *Vehicle Type*, *Description*, and *Location*. It may be necessary to type *Tank* for the *Vehicle Type* one time if it has not already been added.

The screenshot shows a software window titled "Add Vehicle Information". It contains the following fields and controls:

- Vehicle ID: Text box containing "Tank12345"
- Vehicle Type: Dropdown menu with "Tank" selected
- Description: Text box containing "NH3 Tank 12345"
- Make/Model: Empty text box
- Model Year: Empty text box
- Capacity Type: Dropdown menu with "Volume" selected
- Purchase Date: Date picker showing "/ /"
- Capacity: Text box containing "1000"
- Serial #: Text box containing "12345"
- License Plate: Empty text box
- Lic. Exp.: Date picker showing "/ /"
- Weight: Empty text box
- Notes: Large empty text area with scrollbars
- Inactive: Checkbox (unchecked)
- Location: Dropdown menu with "00MAIN" selected
- Buttons: "Threshold", "Save", and "Cancel"

The rest of the fields are optional and not important for tracking Product movement through the tanks.

Choosing Tanks on Scale Tickets

The Agvance Scale Interface is located under *Hub / Utilities / Scale Interface / Agvance Scale Interface*. This interface is designed to hook into the scale and capture weights automatically, but weights can also be entered manually.

There are three fields on a scale ticket that allow for vehicle selection – *Vehicle*, *Trailer 1*, and *Trailer 2*.

Edit a Scale Ticket (Scale 1)

<Location> 00MAIN Ticket Type Unknown

Ticket # 85365 Inbound or Outbound Outbound

Ticket Date 02/15/2024 <Weighmaster>

<Gross Weight> lb

<Tare Weight> lb

Net Weight 0 lb

<Customer> Cust PO #

Comment 1 <Driver>

Comment 2 <Vehicle>

Comment 3 <Trailer 1>

Comment 4 <Trailer 2>

Comment 5 <Freight Vendor>

Ready For Transfer Print

Change Scale To Use

Scale Weight:

60480 lb

Capture Gross Weight

Capture Tare Weight

Save Weight to File

Print Current Scale Weight

Filter List Direction Both

Filter Apply

Auto Refresh Secs 60

Ticket #	Location	Date	Document Type	Direction	Comment 1	Product	Cu
55131	00MAIN	12/14/2020	Blend Ticket (VRT)	* Outbound		28-0-0	10
85365	00MAIN	02/15/2024	Unknown	* Outbound			

Ticket #

New Save Void Delete Close

- For NH3 tickets, typically the *Vehicle* field is left blank.
- If there is only one tank, select it in the *Trailer 1* field.
- If there are two tanks, use *Trailer 1* and *Trailer 2*.

The **Capture Dual Weight** button can be used to capture the combined weight of two trailers. An opportunity is then given to capture the weight of the second trailer. From these two weights, the weight of the first trailer is calculated and two individual Scale Tickets will be created, one for each trailer. For more detailed instructions on using the *Dual Weight* feature in Agvance Scale Interface, refer to [Dual Weight](#).

Running the Vehicle Throughput Report

There is a report in the Agvance Scale Interface called the Vehicle Throughput that shows the inventory quantities that have run through each tank. The report can be filtered by *Vehicle ID*, *Vehicle Type*, *Vehicle Location*, *In Process* status, and/or *Scale Ticket Date*. Agvance will show the filtered Scale Tickets grouped by vehicle.

Scale Interface Reports

Product Movement
Vehicle Throughput
 Imported Scale Ticket Recon

Report Criteria

Select Vehicle ID All Select Scale Ticket Date

Select Vehicle Type All Select Start Date 02/27/2024

Select Vehicle Location All Select End Date 02/27/2024

In Process
 All

Print
 Preview

Load Set Save Set OK Cancel

This report runs off Scale Tickets, so if a Scale Ticket gets through with an incorrect weight it will need to be voided and corrected by adding another Scale Ticket.

Vehicle Throughput

<u>Vehicle Type</u>	<u>Vehicle ID</u>	<u>Scale Ticket #</u>	<u>Direction</u>	<u>Type</u>	<u>Date</u>	<u>Driver Name</u>	<u>Product Name</u>	<u>Gross Wt./ Date</u>	<u>Tare Wt./ Date</u>	<u>Net Weight</u>
Anyhydrous Tank	AT 123456	9158	Out	DT	10/11/21	Kent Schneider	Anyhydrous Ammonia	7480 10/11/21	3480 10/11/21	4000
									Total:	4000