

# Capture Dual Weights

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The Capture Dual Weight function in Agvance Scale Interface is designed to improve weighing efficiencies and can be used to create separate Scale Tickets for two outbound Anhydrous tanks connected in tandem. It can also be used when two connected trailers are being returned from a Customer to add tare weights and complete two *In Process* Scale Tickets.

## Procedures For Creating 2 New Scale Tickets

With the *Add a Scale Ticket* window open in Agvance Scale Interface, pull both anhydrous tanks onto the scale. Complete as much information on the *Add a Scale Ticket* window as it applies to both Scale Tickets (Product, Ticket Type, etc.) and then select **Capture Dual Weight**.

The screenshot shows the 'Add a Scale Ticket (Scale 1)' window. The 'Scale Weight' is displayed as 39480 lb in a red box. The 'Capture Dual Weight' button is highlighted with an orange box. The window contains the following fields and controls:

- <Location>: 00MAIN
- Ticket Type: Delivery Ticket
- Ticket #: 14
- Inbound or Outbound: Outbound
- <Delivery Tk #>: [Empty]
- Ticket Date: 04/29/2026
- <Weighmaster>: [Empty]
- <Gross Weight>: [Empty] lb
- <Tare Weight>: [Empty] lb
- Net Weight: [Empty] lb
- <Customer>: [Empty]
- Cust PO #: [Empty]
- <Product>: [Empty]
- Lot Number: [Empty]
- Comment 1-5: [Empty]
- <Driver>: [Empty]
- <Vehicle>: [Empty]
- <Trailer 1>: [Empty]
- <Trailer 2>: [Empty]
- <Freight Vendor>: [Empty]
- <Ship To>: [Empty]
- Ready For Transfer:
- Print: [Button]
- <Field ID>: [Empty]
- Field Name: [Empty]
- Change Scale To Use: [Button]
- Scale Weight: 39480 lb
- Capture Gross Weight: [Button]
- Capture Tare Weight: [Button]
- Save Weight to File: [Button]
- Print Current Scale Weight: [Button]
- Capture Dual Weight: [Button]
- Filter List: [Dropdown]
- Direction: Both
- Filter: [Button]
- Apply: [Button]
- Auto Refresh:  Secs 60
- New: [Button]
- Save: [Button]
- Void: [Button]
- Delete: [Button]
- Close: [Button]

Ticket #	Location	Date	Document Type	Direction	Customer Name	Comment 1	Product

Ticket #: [Empty]

The *Dual Weight* screen will display with the current scale weight and the combined scale weight previously captured. If necessary, select **Capture Dual Weight** again to overwrite the combined scale weight with the correct weight. The next two Scale Ticket numbers in sequence will default into the Scale Ticket to be created for Trailer 1 and Trailer 2. Select the appropriate *Trailer IDs* for both trailers. Make sure *Weight Type* is set to *Gross* for both. Then pull the trailers forward so only the last trailer is on the scale and select **Capture Dual Split Weight**. The gross weight of the second trailer will be captured. The gross weight of the first trailer is calculated as:

[Combined Scale Weight (-) gross Trailer 2 Weight = gross Trailer 1 Weight]

**Combined Scale Weight:** 84480 lb  
**Trailer 1 Weight:** 40000 lb

**Trailer 1 Information**  
Ticket Number 14  
<Trailer ID> NH3 2000  
Weight Type Gross

**Trailer 2 Information**  
Ticket Number 15  
<Trailer ID> NH3 2203  
Weight Type Gross

**Trailer 2 Weight:** 44480 lb

**Scale Weight:** 60480 lb

Decouple the 2nd trailer and capture its weight using the Capture Dual Split Weight

Save Weights to File  
Save Cancel

Ticket #	Location	Date	Document Type	Direction	Customer Name	Comment 1	Product	Vehicle	Trailer 1	Ship To
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Auto Refresh  
 Secs 60

New  
Save  
Void  
Delete  
Close

Choose **Save** to create the two new tickets.

## Procedures For Completing 2 In Process Scale Tickets

When two tanks are brought back (does not have to be two tanks that went out together), pull both tanks onto the scale and select **New** then **Capture Dual Weight**.

**Add a Scale Ticket (Scale 1)**

<Location> 00MAIN      Ticket Type Delivery Ticket

Ticket # 16      Inbound or Outbound Outbound      <Delivery Tk #> [ ]

Ticket Date 04/29/2026      <Weighmaster> [ ]

<Gross Weight> [ ] lb

<Tare Weight> [ ] lb

Net Weight [ ] lb

<Customer> [ ]      Cust PO # [ ]

<Product> [ ]      Lot Number [ ]

Comment 1 [ ]      <Driver> [ ]

Comment 2 [ ]      <Vehicle> [ ]

Comment 3 [ ]      <Trailer 1> [ ]

Comment 4 [ ]      <Trailer 2> [ ]

Comment 5 [ ]      <Freight Vendor> [ ]

<Ship To> [ ]      Ready For Transfer       Print

<Field ID> [ ]      Field Name [ ]

**Change Scale To Use**

**Scale Weight:**

**15200 lb**

Capture Gross Weight

Capture Tare Weight

Save Weight to File

Print Current Scale Weight

Capture Dual Weight

Filter List

Direction Both

Filter      Apply

Auto Refresh

Secs 60

**New**

Save

Void

Delete

Close

Ticket #	Location	Date	Document Type	Direction	Customer Name	Comment 1	Product
Ticket # [ ]							

**Add a Scale Ticket (Scale 1)**

**Combined Scale Weight:** 33480 lb

**Trailer 1 Weight:** 18280 lb

Trailer 1 Information

Ticket Number 16      Weight Type Gross

<Trailer ID> NH3 2000

**Trailer 2 Weight:** 15200 lb

Trailer 2 Information

Ticket Number 17      Weight Type Gross

<Trailer ID> NH3 2203

**Scale Weight:**

15200 lb

Capture Dual Weight

Capture Dual Split Weight

Filter List

Direction Both

Filter      Apply

Auto Refresh

Secs 60

Save      Cancel

**Save Weights to File**

**Decouple the 2nd trailer and capture its weight using the Capture Dual Split Weight**

Ticket #	Location	Date	Document Type	Direction	Customer Name	Comment 1	Product	Vehicle	Trailer 1	Ship To
Ticket # [ ]										

**New**

Save

Void

Delete

Close

With both tanks still on the scale, check to see if the scale weight being displayed is different than the combined scale weight previously captured. If so, select **Capture Dual Weight** again to get the correct combined weight. Select the Trailer 1 and Trailer 2 IDs. (The *Weight Type* can be *Gross* or *Tare*; it does not matter in this case.) Pull the trailers forward so that only the second trailer is on the scale and select **Capture Dual Split Weight**. (Individual weights for Trailer 1 and Trailer 2 will now be displayed.) Choose **Save Weights to File**. (This saves the two weights without creating new Scale Tickets.)

A message will appear saying Trailer 1 already exists. Select **Yes**. Another message will appear saying Trailer 2 already exists. Choose **Yes**.

Back on the *Add a Scale Ticket* window, highlight and double-click on the *In Process* ticket previously added for the first trailer to edit it and add the saved weight. (A message may display stating information has changed and will ask if this should be saved. Choose **No**.) Double-click in the *Tare Weight* field and select the appropriate saved weight for the trailer on this ticket. Review all information on this ticket to make sure it is now complete and select **Save**.

Repeat the above steps for adding the saved tare weight to the *In Process* Scale Ticket that exists for the second tank.

Double-click on the second *In Process* ticket previously added for the second trailer to edit it and add the saved weight. (A message may display stating information has changed and will ask if this should be saved.) Double-click in the *Tare Weight* field. Select the appropriate saved weight for the trailer on this ticket. Review all information on this ticket to make sure it is now complete. Select **Save**.



