Tunnel Applicator Guide

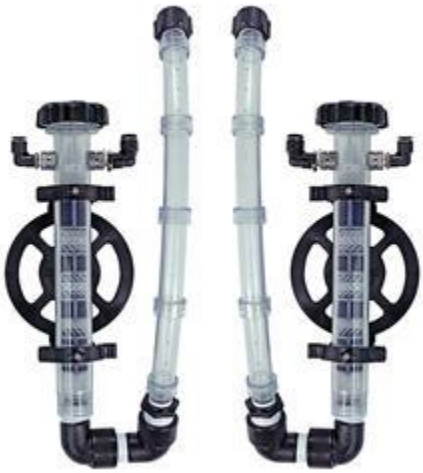
Use this guide as a resource for learning more about the different tunnel applicators that we use in the car wash tunnel, as well as important guidelines about the routine maintenance services they will require.

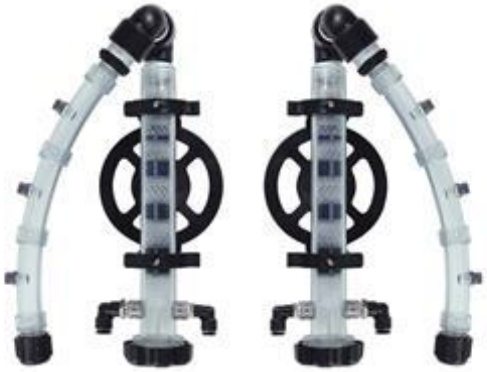
Banana Foamers (0° & V-Jet Styles)/CTA/K-Stick Foamers (0° & V-Jet Styles)

- ***0° Style Banana Foamer***
  - Uses small pre-drilled holes to deliver soaps to vehicles compared to the twist in nozzles on the V-Jet style
  - Used for different applications like **presoak, triple foams, wrap foam, etc**
  - This style will give a more even, foamy soap appearance to chemicals applied to vehicles than using smaller nozzles.
  - The foamer attached has a **twist-off cap** that holds the **foam inserts**. These inserts will need to be taken out **bi-weekly** to prevent excess chemical build-up inside of the foamer.
  - Combines the **chemical** sent from the **Hydraflex** via a **½" poly line** with the **air pressure** sent from the **Hydraflex** via a **⅜" poly line**
  - Receives its signal to turn on from the air and water solenoids on the **Hydraflex** which receives its signal from the **tunnel controller.**

- ***V-Jet Style Banana Foamer***
  - Uses **3 separate ¼' size nozzles** with a **65° spray pattern** to deliver soaps to vehicles in the tunnel

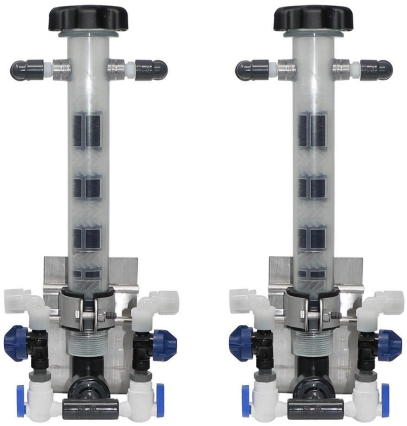
- Used for different applications like **presoak**, and **wrap foam.**
- The **65° spray pattern** allows this applicator to apply a less foamy, wider coat that gives better chemical coverage of the vehicle's surface.
- The foamer attached has a **twist-off cap** that holds the **foam inserts**. These inserts will need to be taken out **bi-weekly** to prevent excess chemical build-up inside of the foamer.
- Combines the **chemical** sent from the **Hydraflex** via a **½" poly line** with the **air pressure** sent from the **Hydraflex** via a **⅜" poly line**
- Receives its signal to turn on from the air and water solenoids on the **Hydraflex** which receives its signal from the **tunnel controller.**





- ***CTA (Chemical Tire Applicator)***
  - Used in the tunnel to apply chemicals to the wheels and tires of vehicles.
  - Uses **2 ¼" cone nozzles with a 65° spray pattern**
  - Used in the tunnel for the **wheel cleaner** application.
  - Combines the **chemical** sent from the **Hydraflex** via a **½" poly line** with the **air pressure** sent from the **Hydraflex** via a **⅜" poly line** to produce a foamy application that covers the tire to break down road films, brake dust, etc.before entering the tire brushes.

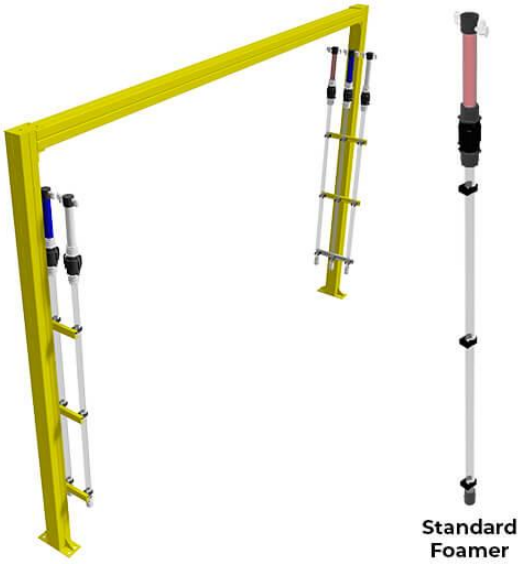
- Some locations may have a 2nd set of CTAs further down in the tunnel that serve the same purpose.
- Receives its signal to turn on from the air and water solenoids on the **Hydraflex** which receives its signal from the **tunnel controller.**

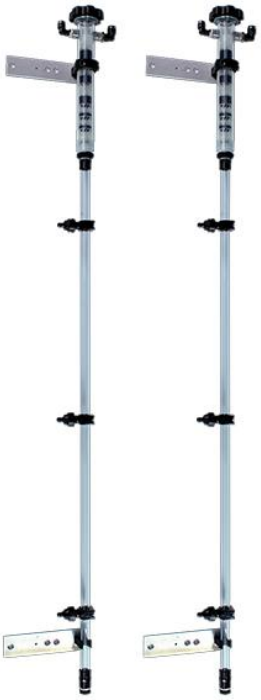


- ***K-Stick Foamers (0° Style)***
  - Long tube style foam applicator with pre-drilled holes that delivers chemicals to vehicles with a straight lined, foamy appearance.
  - Used for different applications in the tunnel like **wrap foam.**
  - The foamer attached has a **twist-off cap** that holds the **foam inserts**. These inserts will need to be taken out **bi-weekly** to prevent excess chemical build-up inside of the foamer.
  - Combines the **chemical** sent from the **Hydraflex** via a **½" poly line** with the **air pressure** sent from the **Hydraflex** via a **⅜" poly line**
  - Receives its signal to turn on from the air and water solenoids on the **Hydraflex** which receives its signal from the **tunnel controller.**

- ***K-Stick Foamers (V-Jet Style)***
  - Long tube style applicator with **3 separate** nozzles that have **65° spray patterns** designed to give a wide, less foamy coat of chemical on the top and sides of vehicles in the car wash
  - **3 separate ¼' size nozzles with a 65° spray pattern**
  - Used in the tunnel for different applications like **presoak, and wrap foam.**

- The foamer attached has a **twist-off cap** that holds the **foam inserts**. These inserts will need to be taken out **bi-weekly** to prevent excess chemical build-up inside of the foamer.
- Combines the **chemical** sent from the **Hydraflex** via a **½" poly line** with the **air pressure** sent from the **Hydraflex** via a **⅜" poly line**
- Receives its signal to turn on from the air and water solenoids on the **Hydraflex** which receives its signal from the **tunnel controller.**





Foaminators (Stream Style)

- ***Foaminator***
  - The **foaminator** is a foaming bar that has **3 separate foamers** attached to the top so that it can deliver a **high volume** application to vehicles in the tunnel.
  - Used for different applications in the tunnel like **lava/foam bath, triple foam, wax applications, ceramic applications**
  - Combines the **chemical** sent from the **Hydraflex** via a **½" poly line** with the **air pressure** sent from the **Hydraflex** via a **⅜" poly line** to each of the 3 individual foamers attached.

- The foamers attached have a **twist-off cap** that holds the **foam inserts**. These inserts will need to be taken out **bi-weekly** to prevent excess chemical build-up inside of the foamer.
- Receives its signal to turn on from the air and water solenoids on the **Hydraflex** which receives its signal from the **tunnel controller.**