



## PROGRAM PUMPER OFFERINGS EXPANDED

### OVERVIEW

The sales department is always striving to keep the dealer network informed as much as possible with new product updates as well as keeping SQS2 as updated as possible. The following information outlines how Sutphen will be expanding the offerings of the Program Lines currently, and in the near future. We are currently working on getting the following options written up and updated in SQS2. In the meantime please work with your STM for pricing and verbiage. We will contact the dealer network once this has been accomplished. If you have any other questions regarding this bulletin please feel free to reach out to your Sales Territory Manager (STM), and we will be happy to discuss these options in more detail. We will also be available to discuss these options with you and your team on the show floor at this year's FDIC show.

Our engineering team has been working directly with Hale to bring more options to the Program Pump Module Offerings. A few months ago the sales team released a bulletin showing a couple new options that are now offered. We would like to elaborate on some of those options since everything has been finalized with Hale. Please note that these options only apply to Hale Program Pump Modules, and not Waterous Program Pump Modules. We are still working with Waterous to see if they can match what Hale is offering. Until that is finalized please note that none of the below options will be available on Waterous Program Pump Modules with approval from Sales.

- Hale has always offered larger pump volumes such as 1750 gpm and 2000 gpm, but the issue comes with having enough discharges to support that large of a pump. With all of the new offerings below Hale can now offer larger pumps in all program pump modules. Please note that if a larger pump is selected, that more discharges will have to be reviewed by Sales before this option is offered to the customer to meet the demand of the pump. This will have to be coordinated with your STM until we can update SQS with all the following option changes.



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- Hale is now offering a Mechanical Seal on all Program Pump Modules.
  - Each Pump Module will have to be modified from its standard width to accommodate the new mechanical seal. This modification is only if a mechanical seal is selected.
    - Crosslay module extends from 44" to 47"
    - Speedlay module extends from 44" to 51"
    - Top Mount Module does not get extended, but the walkway goes from 24" to 20". We decided to keep the same length and take the room out of the walkway. This will help keep the overall wheelbase the same as a top mount modules wheelbase is general longer.
- Hale is now offering a 3" deckgun discharge with electric control
- Hale is now offering three different configurations to add a crosslay in place of the dunnage area on a top mount pump module only
  - Crosslay 2.5" (with right rear discharge)(water only)(manual control only)
  - Crosslay 2.5" (with right rear discharge)(foam capable)(electric control only)
  - Crosslay 2.5" (replaces right rear discharge)(foam capable)(manual control only)
  - The option for a diamond plate cover with hinge will also be offered from Hale
- The standard swing handle on the #1, and #2 discharge on the driver's side of the pump have now gone to rack and sector actuators for both discharges. This will be done for both crosslay and speedlay modules. This was done to help save space to accommodate the additional options.
- The standard option for the #3 discharge on the officer's side of the speedlay pump module only is now a 3" valve with a 4" NH threaded discharge. A credit will be given to go to a 2.5" valve with a 2.5" NH threaded discharge, or a 3" valve with a 3" NH threaded discharge. All of these discharges will only be operated by a push pull handle.
- As for the crosslay pump module. Hale is now offering the following that is in place of the standard 2.5" valve with a 2.5" NH threaded #3 discharge on the officer's side.
  - 3" valve with a 3" NH threaded discharge (push/pull control)
  - 3" valve with a 4" NH threaded discharge (push/pull control)



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- On the top mount pump module. Hale is now offering the following that is in place of the standard 2.5" valve with a 2.5" NH threaded #3 discharge on the officer's side.
  - 3" valve with a 3" NH threaded discharge
  - 3" valve with a 4" NH threaded discharge
- Hale is also offering a 4" valve with a 4" NH threaded #3 discharge on the officer's side of all program pump modules that is electrically actuated only.
- Another new option for the #4 discharge on the officer's side of all program pump module is Hale will now offers. A 3" valve with a 4" NH threaded discharge. It will be controlled by a push/pull on the crosslay and speedlay modules.
- The next new addition is a #5 discharge being added to the officer's side of the program pump module.
  - For the speedlay module:
    - The discharge will be 2.5" valve with 2.5" NH threaded discharge electrically controller.
  - For the crosslay module:
    - The discharge will be 2.5" valve with 2.5" NH threaded discharge with a push/pull control.
  - For the top mount module:
    - The discharge will be 2.5" valve with 2.5" NH threaded discharge with a manual control.
- With this update to the discharges Hale is still unable to offer handwheels for any program modules.
- Hale is also offering a 2.5" front bumper discharge valve in place of the current standard 2" valve. Sutphen will then continue the plumbing to the front of the truck with 2.5" pipe.



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- The list of foam options has changed/updated for all program modules. Please see the following options for foam systems:
  - Akron Brass 3096 on-board foam system (95 gpm) (single discharge only)
  - Akron Brass 3096 on-board foam system (95 gpm) with off-board foam access (single discharge only)
  - Akron Brass off-truck foam access system
  - Elkhart Brass on-board foam system (single discharge only)
  - Elkhart Brass foam supply kit
  - The following options replaced the old foamlogix system that Hale was installing.
    - Hale 2.1A SmartFoam with ITL-4 foam level gauge
    - Hale 3.3 SmartFoam with ITL-4 foam level gauge
    - Hale 3.3 AB SmartFoam with Dual ITL-4 foam level gauges
    - Hale 5.0 SmartFoam with ITL-4 foam level gauge
    - Hale 5.0 AB SmartFoam with Dual ITL-4 foam level gauges
- When it comes to the governor Hale is now offering the new Sentry with Twister
- Another offering that you can upgrade to will be the ITL-40 in place of the ITL-4 water level gauges or foam gauges if selected. All color options will be available for the program pump modules from Hale.
- Hale is now offerings a 4" tank to pump suction intake valve that will only be operated by air in place of the standard 3" valve that is currently push/pull.
- Hale will also be installing OEM provided Trident Air Primer in place of the PVG. Hale will also be able to accommodate the Trident Auto Primer if that is requested by the customer.
- Hale has new offerings on pump panel finish, and please note that this has been updated in SQS2 during the last update. Those options included black power coat, 14 gauge brushed stainless steel, and 12 gauge brushed stainless steel. If you have any questions on current offerings please contact your STM.
- Hale has also updated their standard offering for the tank fill valve. The new standard will be a 2" fill tank valve, and they will no longer be offering a 1.5" valve. If you have selected a 1.5" valve in a current order or quote in SQS2. It will automatically be upgraded to a 2" valve at no additional cost.

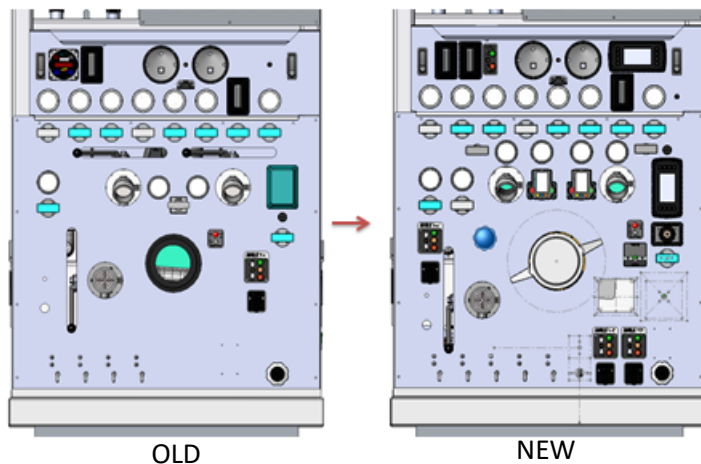


## PROGRAM PUMPER OFFERINGS EXPANDED

Here is a visual representation of how the old program modules use to be set up, and how they will be configured now.

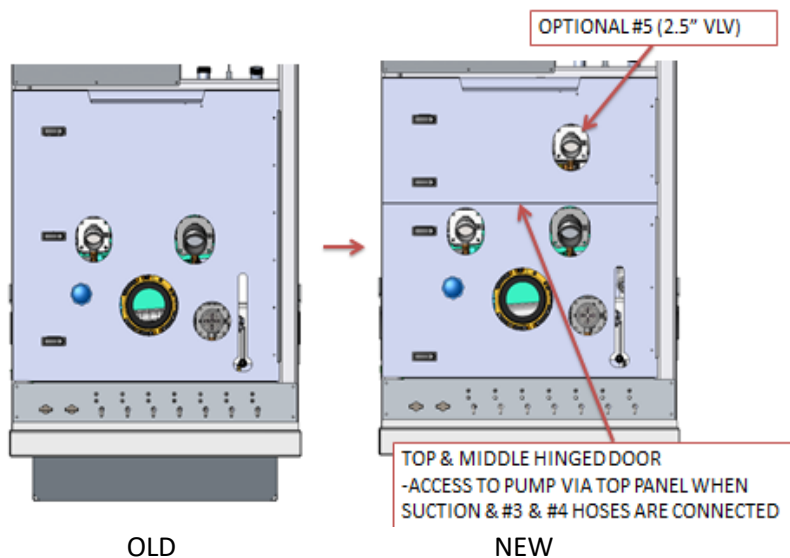
Side Mount with Crosslays

### SM OPERATOR PANEL (FULL OPTION)



Here is the location of the #5 discharge on the officer's side of the side mount crosslay module.

### SM RH SIDE PANEL



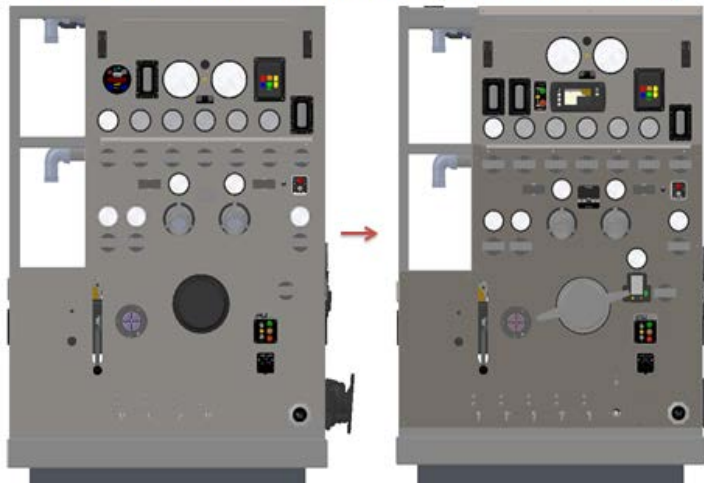
TOP & MIDDLE HINGED DOOR  
-ACCESS TO PUMP VIA TOP PANEL WHEN  
SUCTION & #3 & #4 HOSES ARE CONNECTED



## PROGRAM PUMPER OFFERINGS EXPANDED

Side Mount with Speedlay

### SMS OPERATOR PANEL (FULL OPTION)

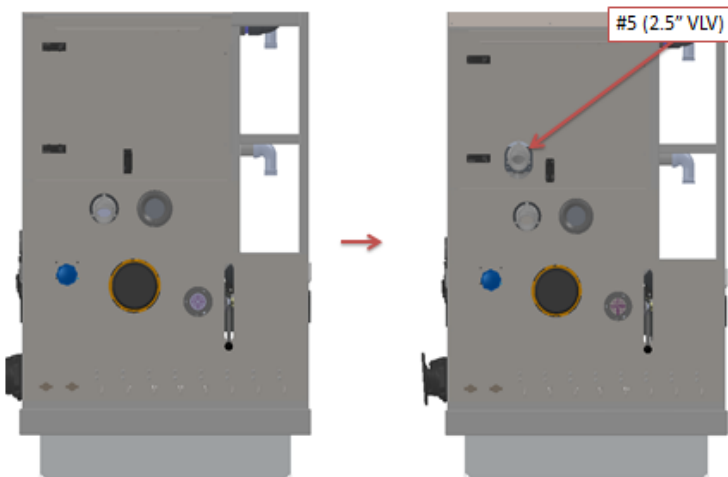


OLD

NEW

Here is the location of the #5 discharge on the officer's side of the side mount speedlay module. You will notice that this location is different than the crosslay module previously shown. The #5 discharge is above the #4 on the speedlay module, and the #5 is above the #3 on the crosslay module. Please keep this in mind when specing this option for the customer that they are aware of the two different locations.

### SMS RH SIDE PANEL



OLD

NEW

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By: J. Howell

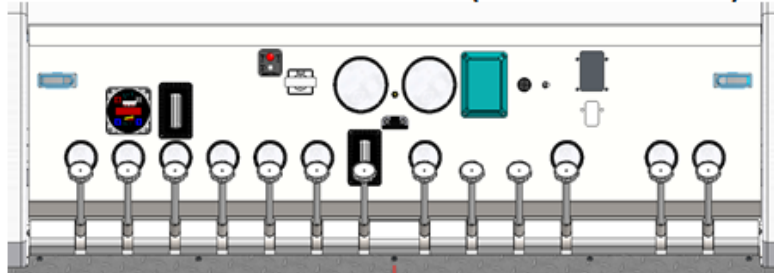
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## PROGRAM PUMPER OFFERINGS EXPANDED

Top Mount

### TM OPERATOR PANEL (FULL OPTION)



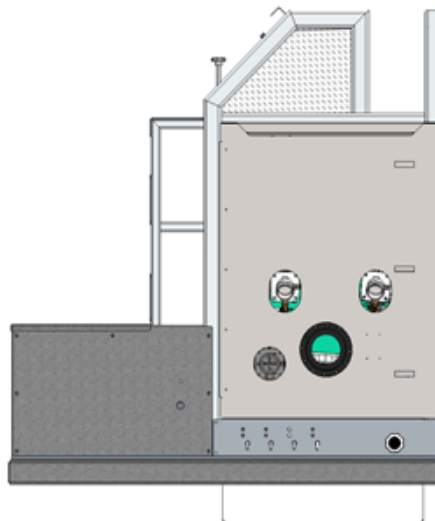
OLD



NEW

Here is the layout for the additional crosslay option that will replace the dunnage area on a top mount module only. Please keep in mind that if the customer wants a generator we will not be able to mount it in the dunnage area with this option.

### TMS W/ 2.5" CROSSLAY

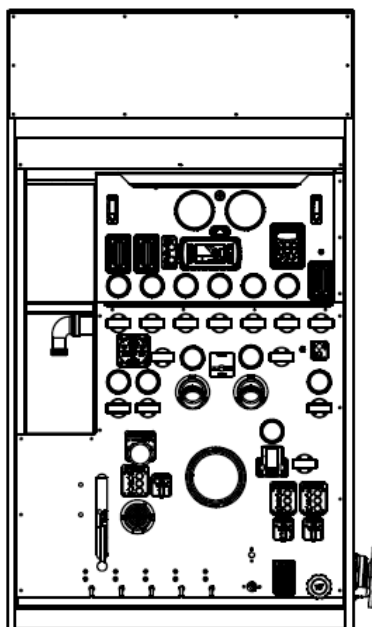


DIMENSIONS: 9.625" W X 17" H  
 -250' DOUBLE STACK HOSE  
 -USES RRR OPTION FOR PUSH-PULL CONTROL  
 -FOAM CAPABLE (IF NO RRR)  
 -IF RRR REQUIRED, USES 2<sup>ND</sup> LRR FOR PUSH-PULL  
 -WILL BE WATER ONLY  
 -IF REQUIRED FOAM CAPABLE, WILL NEED TO BE ELECTRIC CONTROL  
 -DUNNAGE AREA: 8.5" X 17" H (IF DECK GUN OMITTED)  
 -WILL ADD EXTRA DRAIN ON LH OR RH PANEL DEPENDING ON LOCATION OF VALVE

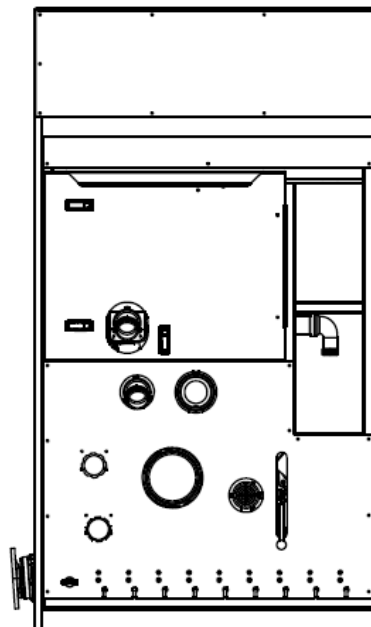


## PROGRAM PUMPER OFFERINGS EXPANDED

Sutphen is also proud to announce that Hale will also be offering a roll-up door with speedlays only. Further details and pricing will be coming in the next couple months, but the majority of the design has been accomplished by the engineering team both at Hale and Sutphen. Please reference the photo below for what the Hale Program Module from Hale will look like.



LH VIEW



RH VIEW

This module is nearly identical to the side mount speedlay module with a few exceptions:

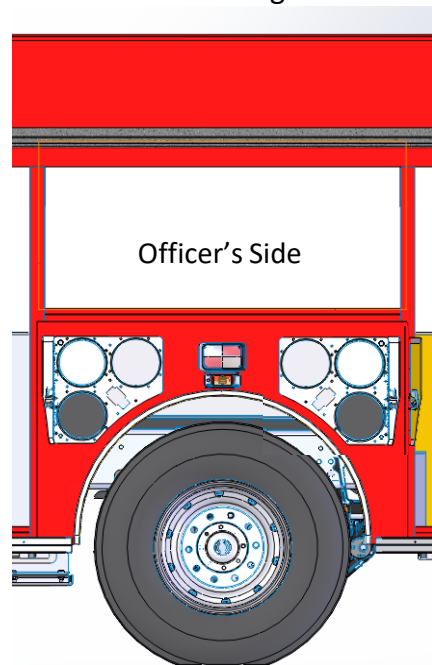
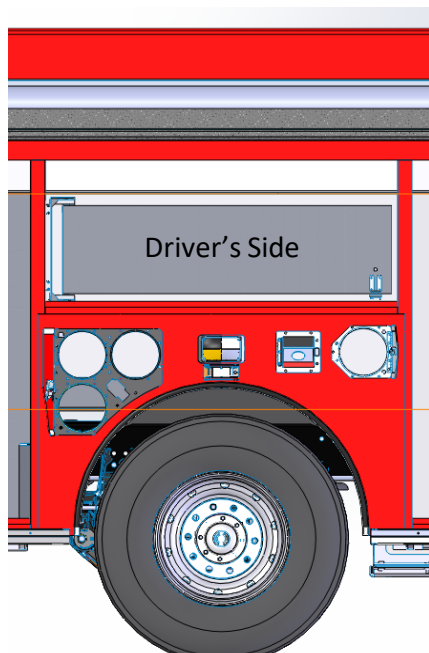
- Deleted the option for a crosslay above the speedlays due to the rollup doors.
- Module width grew 2" on each version (packing and mech. seal) to accommodate the rollup door frame.
  - 46" overall width with packing
  - 53" overall width with mechanical seal
- Panel-to-panel is 72" to allow an external intake valve to fit inside the door.
- Pump Module was lowered by 1" to better align with the body doors.



## PROGRAM PUMPER OFFERINGS EXPANDED

Along with the new additions above for the Hale Program Pump Module. The Sales Team is proud to announce that we are opening up a few more options on the Program 2 product line.

The first option that we are proud to introduce is the Triple Bottle Storage in all Program 2 Bodies. This option is currently offered on the Program 1 Body Line, and is now being offered for the Program 2 Body Line. This design differs from the Program 1 triple bottle storage by being capable of holding (3) 8.5" SCBA bottles. The exterior of the compartment will match the existing single bottle storage compartments with an exterior brushed stainless door, and interior poly tubes. The image below is a depiction of how the triple bottle storage will be represented in a Program 2 Body. This design can also be reference on Palm Bay HS-6220 as this design is currently in production. Working with the engineering team in Dublin we have decided to take space from the L2 or R2 compartments depending on which side this option will be on. Instead of taking space form the forward and aft compartments like other manufactures do. A small amount of space was taken to accommodate the triple bottle storage that can hold large diameter bottles. Please note that this will not be the standard compartment height for all Program 2 bodies. If a triple bottle storage compartment is chosen on a Program 2 body this will be the new design.



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By: J. Howell

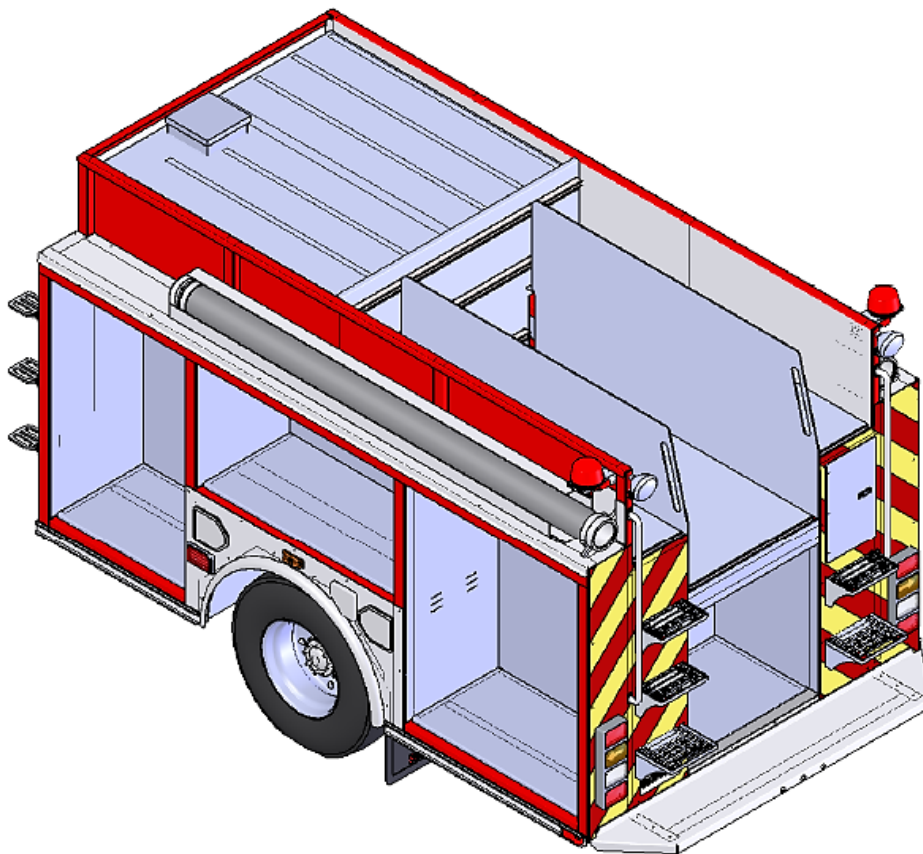
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The second option that we are introducing will not only be available on the Program 2 Body Line, but also the Program 1 Body Line. As of right now the current body styles this option is available on is the G2 and S2. We will continue to evaluate the demand for low hosebed on the Program Body Lines, and address this option on other body styles. The main difference between the two designed is that the center section only on a G2 will be lower. The S2 body the entire hosebed floor left of the ladder chute will be lower. So if your customer wishes to have a low hosebed, and not sacrifice compartment space then the G2 body with low hosebed is the route they should go. If the department would like the rest of the hosebed dropped then the S2 body with low hosebed is the best choice for them. If you need further detailed drawings please reach out to your Sales Territory Manager.

Program 1 - G2 Body with Low Hosebed

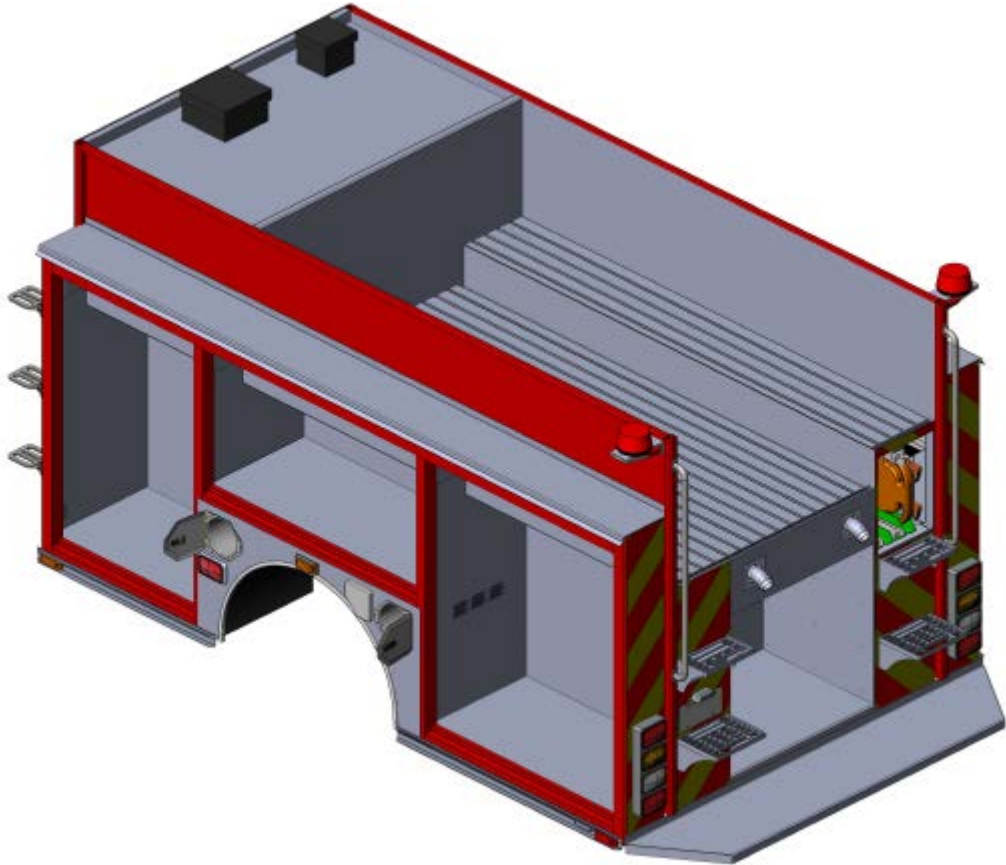




## PROGRAM PUMPER OFFERINGS EXPANDED

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Program 2 - S2 Body with Low Hosebed



Here at Sutphen we appreciate your cooperation as we try to expand the offerings of the Program Lines, and really tailor to your customers' needs. With this bit of information we hope to make you, and your dealership as successful as possible. The Sales Team will continue to work hard to get these options into the configurator. If you have any questions or concerns in the meantime, please contact your Sales Territory Manager directly.