



EHL Pumper

Safety is our first concern at Smeal.

In 1998, Smeal designed the Ergonomic Hose Load system for Aerial devices to make for a safer method to carry, deploy and reload large diameter hose. The idea was a new concept to the industry, and was just a matter of time before it needed to be developed for today's Engine Companies as well.

Designed to keep the firefighters from having to climb on top of the apparatus and reducing the chance for injuries makes good sense.



Ground Ladder Storage and Additional Hose

Additional Storage Capacity

Ground ladders are stored fully enclosed within the body on the left side of the EHL. This storage location still allows full height side compartments.

Additionally, there is hose storage on a pull out tray located to the right of the EHL. This hose storage compartment has the capacity for 500' of 2-1/2" hose.

"We feel this product will revolutionize the industry and create a safer apparatus."

Delwin Smeal



EHL in the reload position.

LDH Capacity and Operation

The EHL has a capacity for 1000' of 5" large diameter hose.

The EHL is activated by one switch. Simply hold the switch in the 'out/down' position and the EHL will extend to full extension out the rear and then down to a convenient level to reload the LDH.

To retract, hold the switch in the 'in/up' position and the EHL will raise and then retract into the body.

It doesn't get any easier!

Water Tank Capacity

Water tank size is up to 750 gallons on a single axle. The water tank is located above the EHL substructure. Center of gravity is comparable to a standard pumper hose bed configuration.

The apparatus shown has 600 gallons of water which allowed for a recessed area above the water tank for installation of a elevating light tower.

Space has been allowed for hard suction storage and up to 60 gallons of foam.

The apparatus pictured features a 4" rear steamer and a 2-1/2" rear discharge, as well as, a traffic directional light, 110 Vac cord reel and oversized LED tail light configuration. Fort McMurray in Alberta, Canada purchased three of these units for their fleet. We look forward to them placing these units in service.



Full height compartmentation.



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