

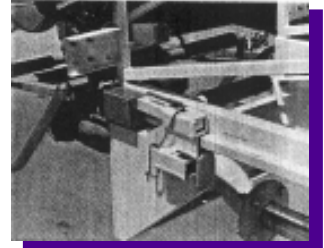
NEW

Electric Actuated Positional Waterway



Smeal Fire Apparatus Co. first came out with the positional waterway back in the early 1980's. While conversing with numerous fire departments Smeal decided that aerial rescue and ventilation operations would be greatly enhanced if we had a design that would allow the aerial waterway to be positioned at the lower section. We needed to come up with a design that would still allow the waterway monitor to be positioned at the outer most fly section to achieve maximum water-tower reach when needed. The positional waterway option allowed us to achieve this goal of maximum aerial operation capabilities.

Smeal Fire Apparatus Co. designed our initial positional waterway system in such a way that it required the aerial operator to reposition two pins, one on each side of the positional assembly and then disconnect and reconnect the electrical hook-up in order to reposition the placement of the waterway monitor.



Then, in the early 1990's Smeal made a design change to a "lever" type of arrangement that was easier for the operator to change the position of the waterway monitor. However, this design still required a changing of the electrical hook-up.

In the late 1990's we made a further design change that allowed what we called the "One-Step" positional waterway. This design was unique to Smeal Fire Apparatus Co. The new design required only the one lever to be moved in order to position the waterway monitor to the desired position. The electric monitor and nozzle wires remained "hot" at all times without having to reconnect plugs. The new design deleted the need to change the electrical hook-up.

Now, in 2002, Smeal has invented a positional waterway design that allows the position of the waterway to be moved to the desired location without leaving the turntable control console. A flip of the switch located at the control console is all that is required. No longer is the operator required to climb out to the end of the aerial in order to change the location of the monitor. This design is simple, easy, dependable!



The NEW Smeal positional waterway is as simple as flipping the switch. That is it!

Patent Pending