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# Big Water Rigs

**Ashland 2-Ladder-1  
75-ft/1,500 gpm Quint  
Ashland FD  
Ashland, New Hampshire**

# Facts & Figures...

- 2-Ladder-1 is a 75-ft quint operated by the Ashland Fire Department located in the Lakes Region of New Hampshire.
- The rig is a 2005, Smeal quint built on a Spartan chassis and powered by a 350hp Cummins diesel motor.
- It has a single-stage, Waterous 1,500 gpm pump, a 400-gallon tank and carries 1,000-feet of 4-inch hose.
- The 75ft ladder has a 4-inch, pre-piped water waterway with a 1,250 gpm tip.
- The Ashland FD protects a semi-rural area of central New Hampshire.

# Ashland 2-Ladder-1



This quint's short wheelbase makes it versatile in maneuvering through the tight areas of an old New England town like Ashland.

# Ashland 2-Ladder-1



While the use of the “quint” concept is often debated in designing a municipal fire protection delivery system, quints do allow smaller departments to acquire aerial ladder capability combined with elevated master stream ability and additional pumping capacity. In some applications, this may help improve a FD’s ISO rating.

# Ashland 2-Ladder-1



- Equipped with a 1,500 gpm pump, this quint is quite capable of supporting an elevated master stream or working as a traditional pumper.

# Ashland 2-Ladder-1



Of course, with most any hybrid vehicle there are trade-offs. With a quint, one trade-off is water tank size: the reason is the space needed for mounting the aerial device and its hydraulic system. In addition, ground ladder space can be limited for the same reason.

# Ashland 2-Ladder-1



Compartment space becomes another concern because a quint must also carry traditional “truck company” equipment if it’s crew is expected to function as such.

# Ashland 2-Ladder-1

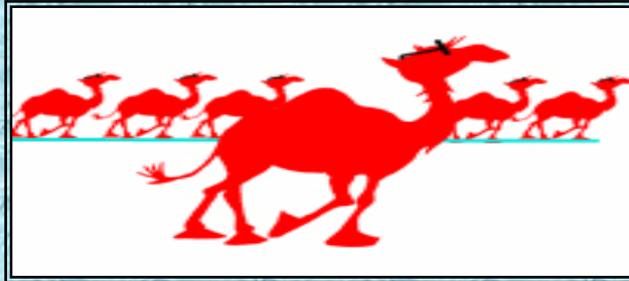
- Ashland's quint has "big water" capabilities in that it can receive multiple LDH lines and can discharge through high-flow outlets.



# Ashland 2-Ladder-1



The 1,250 gpm nozzle on the tip of this ladder may very well make the difference when the “big fire” happens in downtown Ashland.



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