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Big Water Rigs

**Belmont 3-Tanker-1
1,250-gpm/2,500-gallon Engine/Tanker
Belmont FD
Belmont, New Hampshire**

Facts & Figures...

- 3-Tanker-1 is a 1,250 gpm/2,500-gallon engine/tanker operated by the Belmont Fire Department located in the Lakes Region of New Hampshire.
- The rig is a 2002, Pierce engine/tanker built on a Mack chassis and powered by a 450 hp Mack motor.
- It has a Waterous, single-stage 1,250 gpm and a 2,500-gallon tank.
- The Belmont FD protects a semi-rural area of central New Hampshire.

Belmont 3-Tanker-1



Belmont's 3-Tanker-1 is set-up to function in a "rural hitch" operation where tankers pump off their water instead of using portable dump tanks.

Belmont 3-Tanker-1



The rig carries a basic complement of engine company equipment but it is really more designed to function as a water hauling piece.

Belmont 3-Tanker-1

- By having a traditional, mid-ship mounted pump, this unit has the capability of pumping large volumes of water in addition to serving as a water hauling piece.
- It's 1,250 gpm pump is set-up to support 4-inch LDH operations.



Belmont 3-Tanker-1



This engine/tanker has no dump valve or chute because it is set-up to operate strictly in the “rural hitch” mode when hauling water. It does however, have a 4-inch direct fill line which allows for quick filling.

Belmont 3-Tanker-1

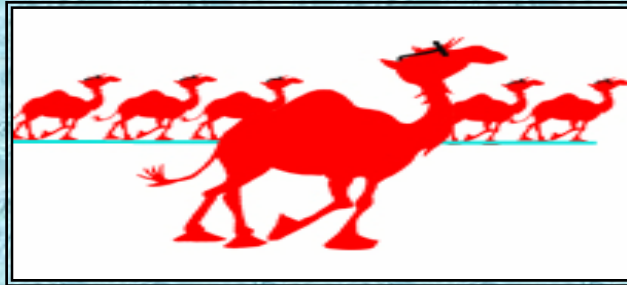


3-Tanker-1 is shown above pumping off its water into a rural hitch set-up at a 2009 water supply drill in nearby Ashland, NH. Three key items to consider when using the rural hitch are the size of the tank-to-pump line, the capacity of the pump, and the volume capability of the high-flow discharge.

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When no rural hitch is used, the unit must pump off its water using what some folks call a “ram horn.” The one above is made of PVC pipe.



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For more information contact us at

thebigcamel@gotbigwater.com