



Tool and Equipment

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Flush Master [Video](#)



Description

The Flush Master utilizes a quick connect two-inch water hose on back of cinder bed, directing water to an inlet that is installed in the front of the cinder bed. This allows for a large volume of water to flow directly on the auger to flush salt from cinder bed, which helps avoid erosion and rust.

Benefit

This innovation saves the department money by minimizing corrosion and damage to auger components by providing a thorough clean and removal of salt. Time is saved by maximizing the water feed in the cinder bed reducing the amount of time needed to clean inside the cinder bed. It simplifies work by only needing to attach a quick connect hydrant hose to rear of cinder bed and allow the water to do the work for you. By eliminating the need to climb a ladder to wash the inside of the cinder bed, the cleaning now takes place from ground level which increases safety for the workers.

Materials and Labor

Total costs of materials were \$150 with approximately \$15 in reoccurring costs after years of use to replace fittings or hoses. The innovation takes four hours of labor to assemble.

For More Information Contact

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Additional information, photos or videos can be seen by accessing Innovations Challenge SharePoint page at: <http://sp/sites/tp/planpol/SitePages/InnovationHome.aspx>

Material List:

- 1-12" galvanized pipe
- 2-6" galvanized pipe
- 4-1.5" hose barbs
- 3-1.5" 90 degree pipe elbows
- 1-1.5" 45 degree pipe elbows
- 1-1.5" male cam shell fitting
- 1-1.5" street 90 degree elbow
- 1-20' by 1.5" water hose

