

### Cab Operated Pull Roller



#### Description and Benefit

Various operations within maintenance require the use of a pull roller. This commonly used piece of equipment has manual adjustments that require frequent stops, two-people to adjust (driver and passenger) with the passenger required to leave the cab each time a change in roller position as needed to maneuver around various obstacles including mailboxes and guardrail, etc. The second person places a block under the tire on one side of the roller then moves away to direct the driver to pull up to the correct position allowing one side of the roller to be on top the block. This alleviates the tension on the tongue so it can be adjusted to the correct offset. This innovation adds a hydraulic cylinder to the pull roller to allow for safe, efficient and easy adjustments. By utilizing a trucks existing hydraulic system, the position of the roller can be adjusted as needed by the operator from inside the cab through the use of the joystick controller, eliminating the need for the second person. The cab operated pull roller improves safety and efficiency.

#### For More Information Contact

Northeast District – Maintenance

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Vendor	Item	Pricing
Viking Cives	Cylinder (part number 7656101733)	\$ 340.80
Palmatory Towing	2 Hydraulic Hoses 3/8" diameter, 15 ft. in length with standard MoDOT couplers	75.00
Palmatory Towing	Steel (1 ft. of 1" round stock used to fabricate mounting pins for the cylinder)	15.00
	Total	\$ 430.00