

Hot Box Lid Assist



Description and Benefit

Instead of having to climb up the side of our trucks to lift heavy and awkward lids by hand, our crew now uses the Hot Box Lid Assist. This innovation uses a hydraulic valve assembly that can redirect hydraulic flow from the truck to a spinner motor that powers a wench that can open and close the lids. The Hot Box Lid Assist removes the dangerous task of climbing trucks and allows a person to open and close the lids from the safety of the ground.

For More Information Contact

Kansas City District – Maintenance

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Kansas City District – Maintenance

George Rich at George.Rich@modot.mo.gov or 660-530-5580.

Hotbox Hydraulic Lids

- 2 Ball valves \$30.00
- 1 Log splitter valve \$74.98
- 2 Hydraulic hose ½"x 48" \$42.40
- 1 hydraulic hose ¾" x 20" \$18.98
- 8 Hydraulic crimp fittings at \$13.16 each =\$105.28
- 12 Hydraulic Threaded fittings at \$5.99 each =\$71.88
- 1 Worm drive winch \$37.99
- 1 Hydraulic motor \$189.00
- 15' of 1/8" steel cable \$0.47/foot =\$7.05
- 2 Cable clamps 1/8" \$2.88
- 3 Cable pulleys 1/8" \$26.58

Total for project \$607.02