

Tool and Equipment April 2026

Houston Handy Hopper



Description and Benefit

The Houston Handy Hopper is a compact, solar-powered pothole material box designed to improve efficiency, safety, and accuracy in patching operations. Its ergonomic tray allows workers to load material easily from a pickup truck instead of climbing into a dump truck, reducing strain and simplifying the process. The smaller volume heats material faster, enabling quicker job completion, while an integrated counter tracks material usage for precise inventory control. Fully self-contained, the unit includes a solar panel, battery storage, strobe lights for visibility, and a damper system for safe transport. This innovation saves money through accurate asphalt charging, saves time by eliminating the need to unload and reload traditional equipment, simplifies work with easier access, and improves safety by reducing roadside exposure and heavy lifting. The Houston Handy Hopper delivers a faster, safer, and more efficient solution for pothole patching.

For More Information Contact

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Southeast District / Maintenance
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Houston Handy Hopper

<i>Quantity</i>	<i>Description</i>	<i>Cost</i>
1	T&S Trip Hopper #1250	\$4,326
14'	1"X 1/8" Square tubing	\$14
16'	1 1/2" X 1/8" Angle iron	\$16
10 Sqft	1" Expanded Metal	\$18.75
15'	3"x 1/4" pipe	\$60
14'	6"X 1/8" flat	\$36
1	15"x15"x1/8" flat	\$7
8'	2"X 1/4" square tubing	\$50.48
1	Rain Cap	\$17.90
1	Solar Pannel	\$70.00
1	Solenoid	\$15.72
1	Weed burning torch	\$56
1	Battery box	\$15
1	Battery	\$120
1	Switch	\$10
2	strobe lights	\$3.30
1	propane tank	\$49.99
30'	12/2 wire	\$35
Total		\$4,991.14