Asphalt Reclaimer



2THBR-TD
SHOWN

The HDE Asphalt Hotbox Reclaimer efficiently maintains asphalt temperature, offering a dual functionality of keeping virgin asphalt hot and re-heating cold material to workable temperatures. This versatile system is a year-round solution, whether sourcing material from local asphalt plants or recycling leftover asphalt to create hot patching material, even in the depths of winter.

Re-heating leftover material eliminates disposal needs and significantly reduces the amount of cold patch material required for repairs. The process typically takes 8-12 hours, varying with ambient temperatures and the amount of asphalt being heated. Utilizing a digital temperature controller, the system ensures safe heating, automatically turning off heaters at a preset temperature (e.g., 300 °F) to prevent asphalt burning.

Hotmix any time any place!

Features & Benefits

- **Dual Infrared Heaters -** Stainless heaters providing 70,000 BTU's
- **Venturi -** Eliminate the need for batteries and blowers, reducing the risk of malfunctions and minimizing maintenance requirements.
- **PLC (programmable logic controller -** Maintains proper working temperatures of asphalt for up to 48 hours.
- **Automatic Spark Ignition -** Shuts off the gas in case of ignition failure, enhancing safety.
- **Insulated Dual Hopper -** Aids in better heat distribution for hotbox use and assists in reclaiming cold asphalt.
- **Hopper Vents -** Allows hot air from the heating chamber to evenly heat the asphalt.

Productivity

- **Available in 2 to 4 Ton models with various mounting options**
- **Ideal for heating high volumes of asphalt**
- **Loading doors form a chute for easy loading of virgin hot mix at plant.**
- **Unloading doors include automatic lock to prevent accidental closure during asphalt removal**
- **Operates on one or more 100 lb vapor-drawn LPG tanks with quick fill multi-valve, easily refill at any propane depot.**

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GENERAL SPECIFICATIONS

MODEL		2THBR-T (D)	2THBR-TDE	3THBR-T(D)	4THBR-T (D)	4THBR-TDE
OVERALL LENGTH	*A*	195-1/2”	232-5/8”	195-1\2”	203-5/8”	240-3/4”
OVERALL WIDTH	*B*	98-3/4”	98-3/4”	98-3/4”	98-3/4”	98-3/4”
DECK HEIGHT	*C*	22-1/2”	22-5/8”	22-1/2	22-5/8”	22-5/8”
HOTBOX CHUTE HEIGHT	*D*	33-3/4	34-1/8”	33-3/4”	34-1/8	34-1/8”
OVERALL HEIGHT	*E*	77-3/8”	78-3/8”	82-1/8”	87-1/8”	87-1/8”
CHANNEL HEIGHT	*F*	20”	21”	20”	21”	21”
HOTBOX SHOVEL WIDTH	*G*	59-7/8”	59-7/8”	59-7/8”	59-7/8”	59-7/8”
HOTBOX SHOVEL LENGTH	*H*	40”	40”	60”	64-3/4”	64-3/4”
TRAILER DECK SPACE LENGTH	*I*	66-1/2”	110”	58”	54-5/8”	106-1/2”
TRAILER DECK SPACE/HOPPER WIDTH	*J*	73-1/4”	73-1/4”	73-1/4”	73-1/4”	73-1/4”
TRAILER USEABLE DECK SPACE	*K*	34 SQ. FT.	52 SQ. FT.	28 SQ. FT.	25 SQ. FT.	50 SQ. FT.
SHOVEL OPENING WIDTH	*L*	19-3/4”	19-3/4”	19-3/4”	19-3/4”	19-3/4”
SHOVEL OPENING HEIGHT	*M*	13”	13”	13”	13”	13”
LID OPENING *(SIDE TO SIDE)*	*N*	72-3/4”	72-3/4”	72-3/4”	72-3/4”	72-3/4”
LID OPENING *(FRONT TO BACK)*	*O*	91-5/8”	91-5/8”	102-1/4”	116”	116”

OTHER SPECIFICATIONS

MODEL	2THBR-T (D)	2THBR-TDE	3THBR-T (D)	4THBR-TD	4THBR-TDE
TRAILER - EMPYT WEIGHT	4160 LBS	4460 LBS	4700 LBS	5600 LBS	5875 LBS
GROSS WEIGHT	10100 LBS	10100 LBS	10100 LBS	14000 LBS	14000 LBS
TORSION FLEXRIDE AXLES	(2) 5200 LBS	(2) 7000 LBS	(2) 5200 LBS	(2) 7000 LBS	(2) 7000 LBS
WHEELS & TIRES	ST225/75 R15 LRC 6 PLY	ST235/80 R16 LRC 6 PLY	ST225/75 R15 LRC 6 PLY	ST235/80 R16 LRC 6 PLY	ST235/80 R16 LRC 6 PLY
HOPPER- INFRARED RADIANT HEATERS	2 x 35,000 BTU	2 x 35,000 BTU	2 x 35,000 BTU	2 x 35,000 BTU	2 x 35,000 BTU
HOTBOX CAPACITY	2.4 TONS	2.4 TONS	3.4 TONS	4.4 TONS	4.4 TONS
INSULATION	2”	2”	2”	2”	2”
INNER WALL (STAINLESS STEEL)	16 GA.SS	16 GA.SS	16 GA.SS	16 GA.SS	16 GA.SS
OUTER WALL (MILD STEEL)	14 GA.	14 GA.	14GA.	14 GA.	14 GA.
HOPPER CONSTRUCTION (MILD STEEL)	11 GA	11 GA	11 GA	11 GA	11 GA
LPG 100# VAPOUR – ACME FAST FILL	1-2	1-2	1-2	1-2	1-2

