

## T-2 Operation Procedure

1. Start by turning the key on the engine control panel to the accessory position noting the light for the glow plugs is lite, once it goes out rotate the key to engage the starter.
2. Allow the engine 1-2 minutes for warm up then flip the toggle switch located on the engine control panel to the work position, this will bring the engine RPM's up into the work mode.
3. Make sure drum is empty, if water is present use the dump feature to evacuate the drum.
4. Load material into drum while spinning in the "Load" direction.
5. Actuate the loading hopper up out of the way into the upper position
6. Remove burner cap
7. Rotate burner into the drum, put locating pin in at the swivel point and lock the burner into position with the tension screw. Pay attention to the welded stop that locates the burner in the correct position.
8. Using the red power key, power the burner.
9. "Flip" the toggle switch to the on position. Watch the fuel pressure gauge and to verify you have fuel pressure (it should read firmly @120 psi) and within 5 seconds the burner should ignite.
10. Once heating the material within 5 minutes you will have steam present in the exhaust. Pay attention to this as it will tell you when the moisture from the material has evaporated.
11. As the steam from the exhaust starts to dissipate it's time to add the asphalt cement or the rejuvenating agent that you are using- if you add this too early you will end up coating the drum instead of the aggregate in the drum.
12. If using Asphalt Cement, once added you will need 7-8 minutes for it to completely melt and disperse throughout the load.
13. If using a liquid rejuvenating agent give it 3-5 minutes to disperse through the drum.
14. Check your temperature by turning the burner off, rotating it out of the way and use supplied infrared thermometer. **NOTE: Burner is hot use caution!** The desired temperature for Hot mix asphalt is 350° F
15. If you start to exceed 400° F the asphalt cement will start to burn off and the exhaust will emit a grey or bluish tinted smoke, try to avoid this to ensure a quality mix.
16. Once at the desired temperature rotate the burner into the cradle making sure it is parallel and clear of the drum cage.
17. Pull the awaiting front end loader up close to the drum opening
18. Reverse the direction of the drum to the "unload" position
19. Operate the lever for the dump action making sure not to exceed the maximum dump angle as noted on the safety sticker that is affixed to the side of the drum cage.
20. Once the material is all evacuated return the dump to the lowered or "Home" position.
21. Repeat steps for another load or start shut down procedure- **\*\*See back of sheet\*\***

## Shut Down Procedure

1. Make sure drum is not spinning and lever is in the neutral position.
2. Burner is pinned back into the “Home” cradle.
3. Burner power key is removed.
4. Leave the loading chute in the upper position if storing outdoors, this will help keep the majority of the rain or snow from entering the drum.
5. Leave the loading chute in the lower position if traveling on the road to keep your overall height at the minimum level.
6. Return the toggle on the engine control panel to the “Idle” or lower position
7. Allow the engine to idle for 20-30 seconds
8. Turn the engine to the off position.
9. Make sure the Burner key, Engine key and the infrared thermometer are placed in the provided storage enclosure.

## Cleaning Procedure

1. After making asphalt while machine is still warm
2. Use the supplied scraper to scrape and clean the flights and floor area of buildup.
3. Using the dump feature dump all the loose material of the drum after scraping.
4. Repeat as needed.
5. It may also be helpful to load 1 Skidsteer bucket or equivalent of 3”-4” round stone into the drum and apply heat for 10-15 minutes while the stone are tumbling in the drum to remove excess build up. These stone can be re-used for cleaning for many times. \*\*\*DO NOT USE CRUSHED CONCRETE, RIP RAP OR ANY TYPE OF STONE THAT WILL BREAK DOWN OR CONTAINS SMALL PARTICLES. THIS WILL MAKE A HUGE MESS AND COULD DAMAGE THE RECYCLER.