

## QUICK REFERENCE GUIDE

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## **Safety**

- Wear Safety glasses at all times.
- Always wear gloves when handling hot mix
- **NEVER** contact moving parts while mixer is in use.
- Keep hands, hair, and clothing, as well as spatulas and other utensils, away from beater during operation to reduce risk of injury to persons, and/or damage to mixer.
- Do not use mixer for other than intended purpose, this machine could cause injury if used improperly.
- **NEVER** attempt to operate the mixer without pot in place.
- **NEVER** bypass safety mechanisms or machine guards. They are there for the operator's protection.
- Always turn off mixer before removing mixture

## **Information**

Please read through this entire procedure. If you have any questions about it, please contact Troxler at 1-919-549-8661 or toll free at 1-877-TROXLER (876-9537).

**IMPORTANT NOTE:** The user should **NEVER** adjust the drive settings without aid and direction. If you think they need to be adjusted, contact Troxler at 1-919-549-8661 or toll free at 1-877-TROXLER (876-9537).

## **Before using the PMW High Energy Asphalt Mixer**

In order to protect the components of the High Energy Asphalt Mixer, the upper drive motor and paddle assembly is positioned so that the paddle does not come in contact with the bottom or sides of the bowl. In order to reduce the potential of materials adhering to the inside of the bowl during use it is recommended that the mixer paddle be positioned such that it lightly contacts the side and bottom of the bowl during operation. To adjust the position of the mixer paddle:

- To Adjust paddle to lightly contact side of bowl, loosen 4 nuts on top of mixer frame attaching the upper drive motor mount to the frame and slide the upper drive motor mount to the left until the paddle contacts the side of the bowl.

- To adjust paddle to lightly contact bottom of bowl, loosen top and bottom (DO NOT LOOSEN THE MIDDLE) set screw of the mixer paddle coupling and adjust the vertical position of the mixer paddle until the bottom of the paddle lightly contacts the bottom of the mixing bowl.

## **Before/During use of the mixer**

1. Plug the machine into 208/230V single-phase power
2. Confirm that there is only one bowl in place on the machine (if you purchased multiple bowls)
3. Notice the LED readout on the frequency drive
4. Confirm that with the mixer paddle lifted up the LED displays “nSt”
5. Lower the mixer paddle into the bowl
6. Confirm that the LED displays “rdY”
7. With the paddle lowered in the empty bowl, press the green “RUN” button on the drive
8. Confirm that the bowl and paddle turn in opposite directions
9. Use the pot (knob) on the drive to adjust the speed of the mixer. Left is slower, right is faster
10. Press the red “STOP” button on the drive
11. Confirm that the bowl and paddle stop turning
12. Press the green “RUN” button on the drive again to start the mixer
13. While the mixer is running, use the handle in front of the mixer to raise the paddle out of the bowl
14. Confirm that the bowl and paddle stop turning

Default Drive Settings (Altrivar 31)

Once this procedure has been completed, the mixer should be ready for use.



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