



## Getting Started

The Versa-Pak universal compactor control system is available in many forms. We build control panels, rebuilt power units, field install systems, and new power units.

The Versa-Pak is a universal compactor control system that will run virtually and stationary or self contained compactor from most any manufacturer. It is a timer shifting unit and, in most cases, has smart-shift, which shifts the compactor into reverse if it deadheads for more than a few seconds. This system is easy to install, troubleshoot, and understand. It's best to read the included information so you get the most out of your system. There are a lot of great features for field techs such as indicator lights and control buttons in the panel to bypass the remote and run the unit from the ZEN.

A few things to remember

- Get familiar with the ZEN by studying the drawings included. It will not only save you time, but there are a lot of great features you'll want to use. Refer to it frequently.
- You will use OK, Esc, Up, Down, Left, and Right Keys
- Most user adjustable settings are in PARAMETERS. Press OK, Select PARAMETERS using Down arrow.
- You change digits not numbers. In other words if the number is 10 and you press down one time it will be 19 because the 0 will turn into a 9.
- When setting counter you will go to PARAMETERS, press OK, and the select LEFT and then go up until you see C0.
- When changing settings or navigating through PARAMETERS you will use OK a lot. OK indicates you want to change the setting or parameter or you are done changing the setting or parameter.

Forward- T0

Reverse- T1

Multi-Cycle- T2

Auto Shut-Down- T3

Counter- C0

As always, if you have any problems, please call me on my cell at 352-636-9083!



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**This unit is equipped with a proprietary control system especially designed for single-phase motors. The control system, Versa-Pak V3.0 with Motor Saver and Smart Shift, is manufactured by PSI Waste Equipment Services, Inc. If you have any questions about the operational characteristics or wish purchase a system please call 352-636-9083.**

#### General Characteristics

- Forward has a 3 second delay to allow motor to start without full load
- Motor continues to run after the end of the cycle for 20 seconds. This allows the user to start a new cycle without restarting the motor.
- If the ram deadheads for 3 seconds the unit will shift to reverse.
- The reverse button is instant and momentary. Reverse must be held for ram to continue back. Motor will run for 20 seconds after button is released. This is a good way to stop ram movement without stopping motor. Start and Reverse can be alternated to move ram back and forth. Start has a 3 second delay before moving forward.

#### Basic Timer Settings- Factory set. Set only if options are added or need to be changed.

- T0 Forward
- T1 Reverse
- T2 Multi Cycle timer
- T3 Auto Shut Down if unit runs too long (Set for 5 minutes or more). Reset with Stop button.
- T4 Full Shut Down. Set on 00.06 for normal operation- no shut down. If shut down when unit is full is desired set at 00.04. Once unit shuts down reset with Stop button and press reverse until unit is all the way back.
- T5 Forward delay. Set on 03.00 If using two position valve set on 00.01
- T6 Stop Delay. Set on 20.00. If using two position valve or not desired set on 00.01
- T7 Set on 00.01

#### Auto Start with counter

- Use the wires on 2 and 3 to hook up door switch.
- Set C0 and C1 for counter function. C0 is for how many times door opens and closes before automatically starting.

PLC Buttons- Press Two Buttons at the same time. Be sure you know where the power disconnect is before attempting this in case you accidentally start the unit and don't know how to stop it.

- 0 and 1 – Start
- 0 and 2 – Stop
- 0 and 3 – Forward solenoid only
- 0 and 4 – Reverse
- 0 and 5 – Light
- 0 and 6 – Starter only
- 0 and 7 – Program version

**FOR MORE INFO READ MANUAL OR CALL 352-636-9083!**

