

1. How is all the data that is displayed on the touch screen changed or originated?

A: Data is entered or modified using the TFC™ Data Management Tool which is provided as part of the TFC kit.

2. Can the load data file be emailed?

A: Yes.

3. What is the total number of unique load types that can be handled using TFC™ ?

A: 486 (9 categories x 9 product types x 6 load configurations).

4. Can each of the 486 load types have a separate clamp pressure?

A: Yes.

5. When is the clamp circuit active to allow clamping on a load?

A: Clamping is possible when the load confirmation screen is displayed showing the details of the load that is to be clamped. Clamping on a load should only be done when you see the load confirmation screen.

6. What setting do I use for mixed loads?

A: Mixed loads should only be handled if approved by management and only if the configuration screen confirms that the particular mixed load has a suitable pressure.

7. Can a partial pull (referred to as feathering the auxiliary handle) be used to clamp a load?

A: No. The system is designed to clamp every load uniquely without feathering. Feathering will prevent proper clamp force from being applied. Refer to the User Manual.

8. Can the driver re-clamp the load after the timer countdown reaches zero?

A: The driver will not be able to re-clamp at the previous chosen clamp pressure. To clamp with the previous pressure, the driver can touch the repeat button.

9. Does the setup procedure need to be performed for every truck and clamp combination:

A: Yes. The hydro-mechanical variability of the truck and clamp when combined results in a unique operating environment that will require the set up variables to be set individually from truck to truck.

10. Can the same load and pressure data established for the warehouse environment be used on all lift truck and clamp combinations?

A: Yes, the load and pressure data remains constant as long as it contains all potential load types.

11. Will I be able to clamp if I do not agree to the acknowledgment statement on the opening screen and click OK?

A: No, the pressure relief is set to an ultra-low pressure. The attachment arms will likely not move.

12. What is the pressure if I do not select a load?

A: After you press OK on the acknowledgment screen, the default pressure is active. The default value is meant to be adequate to move the arms at an acceptable speed but not enough to crush the low clamp force loads.

13. How is the default pressure set?

A: This pressure, which is available when a load configuration is not chosen, is set during the set up procedure.

14. What is the recommended default pressure?

A: This pressure is the lowest value that will move the arms at an acceptable speed and minimizes the chance of load damage if it is used on a load without choosing a preset load configuration. A good starting pressure is 800 to 1000 psi (55 to 70 bar). The default pressure can be lowered or raised depending on the minimum pressure required that balances arm speed and clamp force.

15. What is the purpose of the countdown timer on the confirmation screen?

A: The timer is a reminder to the driver to check and confirm that the product being handled is the same as that shown on the confirmation screen. This assures the correct clamp force is being used.

16. What happens when the timer reaches 'zero'?

A: The hydraulic pressure reverts to the default pressure. This then requires the driver to confirm the load configuration.

17. Can the timer be set to different values for different products and categories?

A: Yes, the amount of time is preset when the system ships. The time can be changed as required for each specific load selection using the TFC™ data management tool. This is useful if loading or unloading large quantities of the same product on a repetitive basis.

18. Can the timer be shut off?

A: No. This is a critical aspect to assuring the proper clamp force is being used for each load configuration.

19. Does the clamp lose clamp force (hydraulic pressure) after clamping when the timer countdown reaches zero and the load is being moved?

A: No. The clamping pressure is maintained in the clamp cylinders by hydraulic check valves.

20. What happens if the driver does not wait for the arms to stop moving while clamping or does not continue to clamp for 1-2 seconds?

A: Adequate clamping pressure to hold the load may not be developed which then may allow the load to drop. This potential is the same as on all mechanical based pressure control systems.

21. What unit of measure will the display show hydraulic pressures?

A: The display will show pressure in either psi or bar, as chosen during the setup procedure.

22. What unit of measure is used when entering the clamping pressure in the TFC™ Data Management Tool?

A: Both psi and bar can be used. The data entered must be the same as the unit of measure established during setup.

23. What is the clamp pressure if the TFC™ unit is OFF or there is no power to the unit?

A: The pressure setting is ultra-low and the arms will normally not close.

24. Can I wear gloves?

A: Yes, the touch screen is pressure activated. The only requirement is that the glove finger must be small enough to not activate two buttons at once.

25. What voltage is required to run the TFC™ system?

A: The TFC™ components require 12 volts. If 12 volts is not available, a voltage converter will be required.

26. How many unique screen touches will the Datalogger store?

A: The total number of screen touches exceeds 100,000.

27. What does the  repeat button do?

A: At any time you can hit the repeat button. It will take you directly to the last load confirmation screen and allows the driver to confirm the same load configuration as previously chosen or resets the timer if the confirmation screen is shown. No need to step through buttons if handling the same load again.

28. What if I don't have 486 load types?

A: You can configure the display to leave buttons blank and disabled. A Ø will show over blank and disabled buttons.

29. Can I turn Manual Mode off?

A: Yes, manual mode can be toggled on and off from the settings screen. Manual off removes any reference to it from all screens.

30. Is the display moisture proof?

A: Yes, it is rated to IP67.