



Perfect clamp force every time.
No more guesswork.

Touch, clamp and go ... it's that easy.

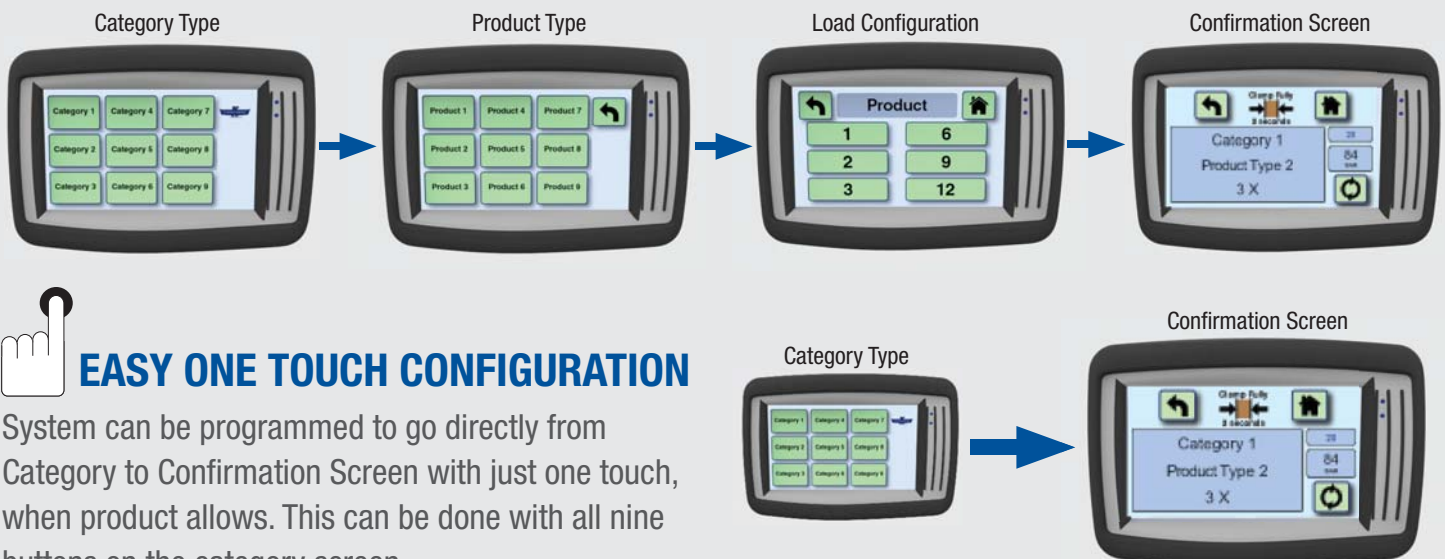
TFC is a pressure and force control system that allows drivers to easily select the product being handled which then automatically applies the appropriate clamp force. The system is targeted towards operations using Cascade Carton Clamps to handle loads with different packaging types, box integrity, load size or weight. TFC is also suitable with Cascade Paper Roll Clamps, Cascade Layer Pickers or any application where regulating clamp force is required.

TFC uses application-specific load information to properly set clamp force which requires loading customer data into the system. Cascade's proprietary data management tool facilitates this process. We provide the initial one-time data load which you will easily maintain going forward.



Easily identify product → System automatically selects accurate clamp force

In just three quick touches or less.



EASY ONE TOUCH CONFIGURATION

System can be programmed to go directly from Category to Confirmation Screen with just one touch, when product allows. This can be done with all nine buttons on the category screen.

TFC FEATURES & BENEFITS:



INTUITIVE INTERFACE

Interactive and easy-to-use pressure sensitive touch screen display that is so simple, drivers will want to use it.



NO PRIOR CLAMP FORCE KNOWLEDGE REQUIRED

Take all driver guesswork out of the equation. TFC eliminates the driver's need to remember clamp force settings or consult complicated charts.



FAST LEARNING CURVE

An ideal solution for environments with high driver turn-over. Minimal training time – new drivers will typically master basics in 10 minutes and can learn the entire system in 60 minutes or less.



TARGETED PRESSURE CONTROL

As simple or as powerful as needed to handle all potential load configurations. Don't settle for just three pressure control settings for the entire warehouse, TFC provides hundreds of settings.



LOAD CONFIRMATION SCREEN ENSURES DRIVER COMPLIANCE

The system will prompt the driver to confirm that the load they are picking up matches what is displayed on the screen.



ONE TOUCH LOAD SELECTION

The system can be programmed to jump from the Category screen directly to the Confirmation screen in just one touch, when product allows. This can be done with all nine buttons on the Category screen.



REPEAT LOAD SELECTION

Repeat button easily allows driver to select the same load type with just one touch, improving driver efficiency and productivity.



DATALOGGER

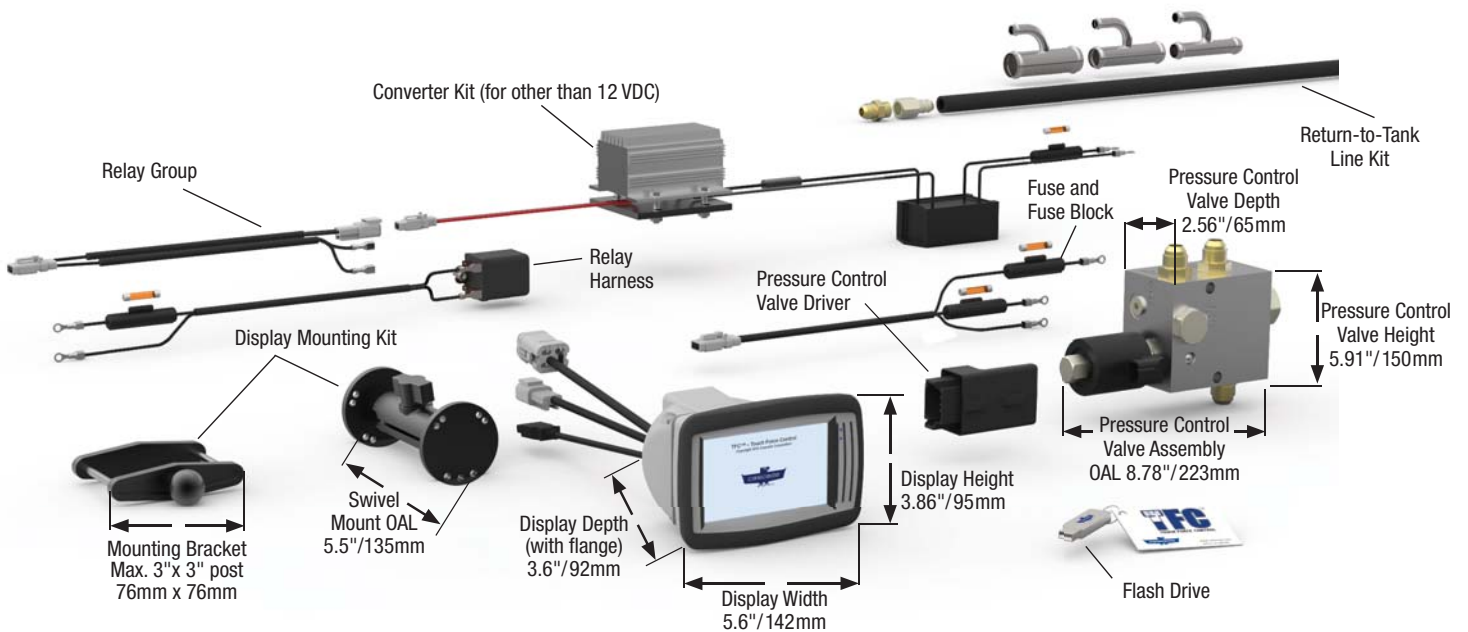
Automatically and continuously records and stores every touch selection the driver makes. Stores months of data, allowing management to review and assure driver conformance.



ERGONOMIC HARDWARE PLACEMENT

Swivel mounting optimizes ergonomics with easy-to-mount display that's simple to use and encourages driver's proper use of the device.

Product Specifications:



- Pressure sensitive touch screen display (4.3"/109mm diagonal)
 - Input power: 12 VDC (3 amp)
 - 24-48 VDC (2 amp) using DC/DC converter
 - 72-80-96 VDC (1 amp) using DC/DC converter
- Hydraulic Valve Assembly
 - System pressure output range – 500-2300 psi (35-160 bar)
- Wire harness fused for protection
- Swivel mounting hardware
- Flash drive that stores customer's specific product info
 - Load and pressure data input via USB
- Converter Kit provided for other than 12 VDC trucks
- UL Classified up to 48 VDC input

Clamp Force Indicators (CFI):

Clamp Force Indicators measure the amount of clamp force applied to clamped product. They are recommended to monitor and establish proper clamp force and determine the clamp's ability to retain clamping force.

If the data is clamp force centric, use a Clamp Force Indicator to aid in the setup of TFC. Cascade offers both analog and digital versions as well as portable and stand options.



Carton Clamp CFI

A measuring device for Carton Clamps that accurately shows the clamping force applied to the load (Digital Clamp Force Indicator shown).



Paper Roll Clamp CFI

A measuring device for Paper Roll Clamps that accurately shows the clamping force applied to the load (Portable Clamp Force Indicator shown).