

产品性能特征
Product Specifications:



- 压力传感触屏式显示装置 (对角长109mm)
 - 输入电源: 12V直流电压 (电流3安)
 - 24-48V直流电压 (电流2安), 采用 DC/DC 稳压器
 - 72-80-96V直流电压 (电流1安), 采用 DC/DC 稳压器
 - 液压阀总成
 - 系统压力输出范围 - 35-160 bar (500-2300 psi)
 - 有保险断电保护功能的线束
 - 带旋转关节的安装设备
 - 用于存储客户具体产品信息的U盘
 - 通过USB接口输入货物和压力数据
 - 变压器套件 (12V直流电压的叉车除外)
 - 输入电压最大可达48V (符合UL分级标准)
- 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

夹紧力测试仪 CFI
Clamp Force Indicators (CFI):

测量施加在所夹持货物上的夹紧力总值。推荐用于监测及设定合适夹紧力的场合，并可检测夹紧力保持状态。

如果首要关注的是夹紧力，建议同时采用一台夹紧力测试仪配合TFC使用。卡斯卡特可提供模拟式和数字式两种版本，同时还有便携式和立式两种类型可供选择。

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.



纸箱夹紧力测试仪
Carton Clamp CFI

这是一种用于测量纸箱夹的设备，可精确显示施加在货物表面的夹紧力大小（图中显示的是数字式夹紧力测试仪）。
A measuring device for Carton Clamps that accurately shows the clamping force applied to the load (Digital Clamp Force Indicator shown).



纸卷夹紧力测试仪
Paper Roll Clamp CFI

这是一种用于测量纸卷夹的设备，可精确显示施加在货物表面的夹紧力大小（图中显示的是便携式夹紧力测试仪）。
A measuring device for Paper Roll Clamps that accurately shows the clamping force applied to the load (Portable Clamp Force Indicator shown).

触屏式夹紧力控制装置TFC
TFC™ - TOUCH FORCE CONTROL



每次都能精确设定夹紧力。不必再依赖经验猜测。
Perfect clamp force every time. No more guesswork.



官方微信号 天猫旗舰店

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点击屏幕，夹持，前行... 一切变得如此容易。 Touch, clamp and go ... it's that easy.

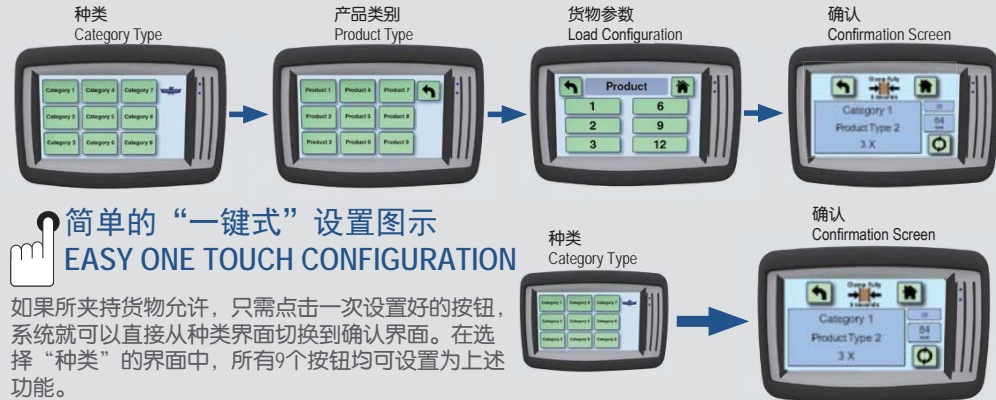
触屏式夹紧力控制装置TFC是一种叉车属具工作油压和夹紧力控制系统，它可让叉车司机便捷地选择所需要夹持的产品并自动施加相应的合适夹紧力。该装置配套应用于卡斯卡特纸箱夹/白色家电夹对不同包装类型、包装箱强度尺寸、重量的货物进行夹持、搬运的场合。同时，也适用于卡斯卡特纸卷夹、分层拣货器等配套以及任何需要对夹紧力进行调整控制的情况。TFC is a pressure and force control system that allows drivers to easily select the product being handled which then automatically applies 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.



触屏式夹紧力控制装置TFC采用特定的货物夹紧力合适值、经验数据进行夹紧力初始设定。另外，需要导入用户货物参数数据。通过卡斯卡特专有的数据管理工具软件处理后，这些数据将使得用户能够便捷地进行调试维护。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.

快速识别货物 → 系统自动选择精确夹紧力 Easily identify product → System automatically selects accurate clamp force

只需要点击屏幕三次或更快。
In just three quick touches or less.



简单的“一键式”设置图示 EASY ONE TOUCH CONFIGURATION

如果所夹持货物允许，只需点击一次设置好的按钮，系统就可以直接从种类界面切换到确认界面。在选择“种类”的界面中，所有9个按钮均可设置为上述功能。
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.

触屏式夹紧力控制装置TFC的性能特征和优点 TFC FEATURES & BENEFITS:



直观界面
采用交互式、便于操作的压力传感触屏显示器，使用是如此简便，驾驶员将非常乐意使用。
INTUITIVE INTERFACE
Interactive and easy-to-use pressure sensitive touch screen display that is so simple, drivers will want to use it.



无需事先学习夹紧力的相关知识
所有的驾驶员都无需进行猜测性操作。TFC无需驾驶员记忆夹紧力设定值或寻求复杂的图表。
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.



快速学习曲线
这是一种能在很短的时间内让司机熟悉操作的理想方案——新司机通常只需要10分钟就能够掌握基本操作，能在1个小时或更短的时间内掌握整个系统。
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.



精确的压力控制
根据需要可以便捷地设置多种压力来适应可能的货物参数。不要仅为整个仓储系统设置三种压力控制，TFC可以提供上百种不同压力值。
TARGETED PRESSURE CONTROL
As simple or as powerful as needed to handle all of the potential load configurations. Don't settle for just three pressure control settings for the entire warehouse, TFC provides hundreds of settings.



载荷确认界面确保司机选择夹紧力时有据可依
该系统能够让司机通过显示屏上的数据快速确认他们所搬运的货物需要的夹紧力大小。
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.



“一键式”货物选择
如果所夹持货物允许，只需点击一次设置好的按钮，系统就可以直接从种类界面切换到确认界面。在类别的界面中，所有9个按钮均可设置为上述功能。
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.



重复货物选项
重复按键可便捷地让司机仅通过一次触碰即可选择相同的货物类型，提高了司机的效率和生产率。
REPEAT LOAD SELECTION
Repeat button easily allows driver to select the same load type with just one touch, improving driver efficiency and productivity.



数据记录器
它可自动、持续地记录和存储司机每一次的触屏选项。数据存储数月后，可以对其进行复核从而确保驾驶员的操作一致性。
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.



符合人体工程学的硬件安装
带可转动球型关节的挂装支架优化了人体工程学设计，简化了显示器安装，从而让TFC的使用变得更加便捷同时也使叉车司机更加乐意使用该设备。
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.