

# EASYDOS PRO

## Perfect feed control by Gericke

The next generation.  
A new standard of  
controllers for continuous  
feeding processes  
incorporating high  
accuracy, userfriendliness,  
and immunity against  
any disturbances.



The controller fully supports all  
loss-in-weight-, belt weighing and  
batch weighing applications.

# Weigh feeders more efficiently controlled by *EASYDOS PRO*

## ENCLOSURE AND POWER SUPPLY

- New modern enclosure design, incorporating a graphics panel window
- The front panel is a 'hygienic' design with aluminium/steel bezel (may be removed separately)
- The enclosure design is compatible with existing **EASYDOS** fixings and plugs
- The controller is powered from a single 24 Volt DC power supply
- The new analogue modules incorporate isolated power supplies
- The controller operating temperature range is extended
- Sealed security input provided in main electronics unit housing

## CONFIGURATION

- The controller application programs and configuration may be uploaded/downloaded from a PC
- The controller may also be loaded using a USB memory stick
- The controller configuration data can be exported in an XML file format
- All display message languages are stored in 'on board' serial flash memory

## ELECTRONICS DESIGN

- Latest 32 bit ARM microcontroller, running at 48 MHz, and incorporating flash memory
- Additional 8 MBit external serial flash memory
- Spartan III FPGA (used also to map graphics display)
- Display is a single monochrome 128 x 240 pixel LCD graphics panel with blue LED backlight
- Primary load cell input with 24 bit resolution (16 Million Increments)
- Expanded digital I/O (6 digital inputs, and 11 digital outputs)
- USB memory stick now supported
- Plug in optional module, supporting ProfiBus DP, Ethernet and Ethernet/IP
- Plug in optional analogue output modules (up to 2 off)
- Plug in optional analogue input module
- A new relay interface PCB assembly, with optional 5 relay expander



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