

# EasyPrint

## 32 Bit Controls

### FEATURES / BENEFITS

#### Faster data transmission...

- new 32-bit RISC (reduced instruction set computing) processor
- fast real-time variable calculation/update times
- fast print speeds for 128 mm continuous motion product 500+ mm/sec at full resolution
- faster communication/downloads using parallel, USB, or Ethernet port

#### More fault-tolerant...

- protected against miswiring to packaging machine
- protected against wrong line voltage - universal input
- air pressure detection protects printhead

#### More application features...

- New Multi-Pack printing
- New Die-Counting feature with synchronization
- Electronic registration
- Hand Scanner input
- Built-in Linear Bar Codes to meet FDA Proposal including new RSS-14 Code

#### Environmental...

- IP-65 wash tolerant

#### Less complex to operate...

- easier to learn, less to remember
- more intuitive menus, simpler menu structure, fewer keystrokes
- fewer user-settable operating parameters
- One-Touch built-in test print

#### Smarter...

- automatic real-time parameter compensation tracks packaging machine

#### Fewer electronics...

- printed circuits having reliable surface-mount technology and fewer interconnections.
- only 1 cable between control & printer



### What is RISC ?

In order to offer the highest performance the EasyPrint's 32 bit state-of-the-art microcontrollers are based on the RISC (reduced instruction set computing) design philosophy.

The RISC design philosophy is based on several principles such as a simple instruction set, a powerful pipeline concept for a very fast instruction execution, register orientation, and a uniform instruction decode process.

Simply put, reducing the instructions needed for processing real time data, will increase the processors efficiency.

