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## Upgrades and Service

Process Control recently completed upgrades for a major packaging companies four continuous blenders. This shows by upgrading to a touchscreen control and brushless motors you can stay up to date with your existing equipment.

Equipment upgrades and our board repair department help maintain existing equipment for years and lower the cost of ownership. PCC has a full time team of 5 service engineers on hand for free telephone support or ready to travel to keep your investment productive.

Contact us and see why we still set the **Standard in Extrusion Control, Gravimetric Batch and Continuous Blending as well as (ASR) Automatic Scrap Recycling** just as we have for over **50 Years!**

Please visit our website at [www.process-control.com](http://www.process-control.com)

For more information, contact:

Jim Collins at (770) 449-8810 ext. 243 or [jcollins@process-control.com](mailto:jcollins@process-control.com) Follow PCC for the Latest Company News:



### Color Touch Screen Controller Upgrade



Old Operator Interface



New Operator Interface

#### STANDARD FEATURES

- ▶ Off-the-shelf solution with PLC Controls
- ▶ Direct drop in panels and cabling
- ▶ Intuitive 5.7" color touch screen interface
- ▶ Ability to save configuration to XML
- ▶ Remote control by PC via VNC compatible Ethernet connection, with embedded OPC Server
- ▶ Touch screen replaces old operator interface in existing enclosure
- ▶ Saves and restores configuration data and recipes to USB drive
- ▶ Alarm notification via email or SMS text messaging
- ▶ Option for a calculated rate vs. speed when a new recipe is entered
- ▶ Standard Ethernet port
- ▶ Ability to download settings and log files over a network via FTP connection
- ▶ Advanced control loop for increased accuracy
- ▶ Ability to show in real time the actual blender and each hopper set and actual metering rate
- ▶ Optional Gravimetric extrusion control and self loading also available

### Brushless DC Motors and Drives Upgrade



Brushless

Permanent Magnet

As compared to the previous versions, the new gearmotors are both brushless and encoderless, for far superior reliability, performance and a longer life span. The new motors come with more torque and a far greater speed range than before. Only two power/gear ratio combinations are required to cover the required RPM range for our line of blenders and feeders, versus eight power/gear ratio combinations for the previous permanent magnet gearmotors. The new drive/gearmotor package is 100% compatible with PCC blenders and feeders already in service.

#### Pricing for Brushless Drive and Motor Kits

BRUSHLESS DRIVE AND MOTOR KITS (PWM drive replacement only)

