

Goss/Heidelberg NP200 Controls Upgrade

NP200 press gripper delivery systems contain obsolete motion controllers and DC drives. These parts include the positioning module (Reliance QUIQ and Electro-Craft) and FlexPak drives.

NSi and EDG offer a package that replaces the DC drives and motion controllers with current technology that is innovative but cost effective. This is a viable offense to tackle obsolescence of conveyor systems nearing extinction in many mailroom operations. Additional benefits include PLC I/O and a local touch screen to graphically announce the various conditions and faults of the system.

THE QUESTION OF AC OR DC?

The NSi/EDG solution offers a DC drive replacement or an upgrade to AC technology. A single DC drive controlling multiple motors presents setup challenges with adjustable resistors for load share and speed trim. This cumbersome setup also requires personnel with DC drive/motor theory to successfully make the correct adjustments. With an AC upgrade you get a system that rids this setup and provides more readily available parts for the long haul.

DC SOLUTION: Provides a new DC drive, but does not rid the load share and speed trim resistors.

AC SOLUTION: Provides a new AC drive, as well as the associated AC motors. Load share is inherent so the trim resistors and their setup are not required.

Other benefits include:

- No load share or speed adjustments results in simplified solution
- Provides more current technology; DC drives are essentially a legacy product
- Affordable, off the shelf AC motors
- Motors are totally enclosed and no brushes to maintain
- Efficiency benefits
- Less expensive than DC solution



MITIGATE RISK - The NSi/EDG solution is a UL/CSA approved panel that includes all parts mounted, wired and tested before arriving on site. This approach minimizes installation and startup time.



EDG
ElectronicDesignGroup.ca
Tel: 519-662-4776

NSi Newspaper Solutions LLC
www.nsiparts.com
Tel: 937-694-9370 / 815-735-6903