

***Increase speed,  
enhance reliability  
and simplify  
troubleshooting  
with the Super CLM  
Conversion***



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**The Super CLM conversion package is a series of updates that incorporates the newest technologies into your existing CLM, CMM or CM equipment, extending its lifecycle and increasing efficiency.**

## Available Updates

### Variable frequency drives on strapping heads and press conveyor motors

Strapping head motor starters are replaced with Danfoss 2800 series variable frequency drives to:

- Provide controlled stopping capabilities
- Extend the life of press conveyor components
- Increase feed and take-up speeds
- Supply easy-to-read error codes and record performance through data collection
- Provide early feed option for improved cycle rates
- Ensure strap release regardless of load size

### External data port with outlet

By upgrading to an external data port, PLC monitoring and troubleshooting can be performed while the electrical panel remains closed and locked.

### External panel display

With the PV 300 Micro option, cycle data can be viewed and reset externally without the need to open the panel door or connect a laptop to the PLC. Information displayed includes cycles attempted and completed, strapping head errors, duration of last strap cycle, status of early feed and the presence of any active errors.

### Variable frequency drives on PVFA motors

PVFA motor starters are replaced with Delta VF-M variable frequency drives to:

- Reduce clutch wear and frequent adjustments
- Create two-speed extend and retract speeds

### Dispenser upgrade

When used in conjunction with the strapping head variable frequency drive upgrade, the PSD-109 strapping dispensers allow the strapping heads to feed with less effort, helping to maintain positive control of the strap, while extending the life of the feedwheel and brake block.

