

Vanguard Singlefacer 400 MPM (1300FPM) Controls & Drive Upgrade

Upgrade

Upgrade Application

Applicable to all Vanguard Singlefacers

Upgrade Description

Eliminated the mechanical main drive gearbox with low maintenance Belt Drive System to run at 400 MPM (1300 FPM.) This upgrade includes the AC Main Motor & Drive, AC Glue Roll Motor & Drive, AC Capstan Roll Motor & Drive, AC Pressure Roll Motor & Drive, Allen Bradley CompactLogix PLC controls system with new touchscreen, pre-assembled main electrical cabinet with PLC-I/O and drives installed, wiring to the new motors, all necessary engineering, instructions, prints, and manual updates. This upgrade may require relocation of the main drive cabinet and electrical service. Upgrade also assumes existing machine sensors, hydraulics, switches, etc. are in proper working order.

Upgrade Benefits

- Modern Controls Platform
- AC Motor Technology for increased performance, efficiency (energy savings) and reduced maintenance
- Eliminates hydraulic capstan motor, providing better medium control for increased board quality
- Eliminates main motor gearbox, replaced with low maintenance belt/pulley system
- Increased speed performance to 400 MPM (1300 FPM)
- Online troubleshooting ability

