

LIFT MAGNET SYSTEM CONTROLS

SSC CONTROL MASTER



The Solid State Controller (SSC) is compatible with all electromagnets. It includes the option to have infinitely variable power control. These controllers have fanning/dribble options and are radio control compatible. Reduced initial power (RIP) safety feature included on all standard models. They are lighter than traditional magnet controls. Outdoor enclosures are available upon request. Multiple magnet selection options are also available upon request along with multi-drive options for independent operation.

- » Enhanced magnet performance
- » Infinitely variable power control available
- » Reduced maintenance
- » Solid state digital design
- » AC line circuit breaker disconnect
- » Fanning/dribble
- » Radio control compatible
- » Reduced cycle time (faster lift/faster drop)
- » Compatible with all electro magnets
- » Smaller and lighter than traditional magnet controls
- » Magnet "ON" indicator light
- » AC noise suppression circuit
- » Runs cooler
- » Type 12 enclosure with forced air - standard
- » Type 3R, 4 and 4X enclosure available
- » Magnet temperature monitor alarm available
- » Multiple magnet selection available
- » Multiple drive option available
- » Reduced initial magnet power feature standard



BATTERY BACK-UP SYSTEM



Battery Back-Up Units are used to provide 20 minutes of emergency power to the magnets in the event of an interruption of power to the crane. The Battery Back-Up System is designed for use with the SSC Controlmaster Solid State Digital Power Converter/Magnet Controller and Traditional Walker PCCU Controller. This unit provides a highly regulated charging system that never requires adjustment in the field to provide maximum battery life with minimal maintenance. The charging system monitors both the charging voltage and the charging current. A PLC monitors the data and keeps the batteries at the correct float voltage regardless of line fluctuations. Outdoor enclosures are available upon request.

- » PLC based solid state controls for reduced maintenance and ease of troubleshooting
- » Continuous voltage monitoring
- » Continuous current monitoring
- » Door mounted: charging indicator light, charger fault light, magnet-on-batteries indicator light, horn silence push button, battery voltmeter, and battery ammeter
- » Diagnostic circuitry and feedback
- » Remote mounted 98dB alarm sounds to indicate magnet-on-batteries and fault conditions
- » Optional remotely mounted display section
- » Type 12 enclosure with louvers, Type 3R, 4, and 4X available
- » Door mounted battery disconnect switch



CUSTOM CONTROL OPTIONS

All controls can be customized for individual needs.