



Solid-State IGBT Magnet Control

Infinitely variable current control for all lifting magnets
Magnets operate at the lowest possible temperature

Optimize Every Magnet

Adjustable current and times for all operating modes
to maximize performance, optimize production and
prolong magnet life

Save Energy Costs

Magnet energy consumption reduced by up to 75%

Save Maintenance Costs

Solid state construction, no wear components

Save Magnet Repair Costs

Eliminate voltage spikes and electrical magnet wear, reduced magnet rewinds

Improve Production Capacity – Run Cooler

M350GENII-240D Patented Technology

- Increased throughput up to 50%
- Reduced drop time
- Reduced cleaning time
- Reduce cycle time up to 38%
- Improved lift capacity by 10-25%, 15-20% average
- Reduced magnet operating temperatures

Additional Benefits

- Solid-state construction
- Uses existing operator controls
- Eliminates need for dual voltage magnet controls
- Uses existing DC power supply
- Uses existing connections
- Multiple Magnets, Magnet Beams,
Other custom applications

Specifications

- **Voltage:** 230 VDC Nominal, 300 VDC Max, 120 VDC min
- **Current:** For use on magnets rated up to 350 Cold Amps Maximum
- **Ambient Operating Temperature:** +50°C Maximum to -10°C Minimum
- **Operating modes:** Lift, Hold, Feather, Dribble, Clean
- **Dimensions:** 35.7" (L) x 24" (W) x 15" (D) Approx.
- **Weight:** 190lbs approx.
- **Diagnostics & Parameter Adjustment** – Data Terminal, Part No. A62499

**Control the Current
Control the Magnet**



Designed and Manufactured by:

Cableform, Inc. — 8845 Three Notch Road — Troy, Virginia 22974 — U.S.A.

Tel: 434/589-8224 — Fax: 434/589-3803 — Email: sales@cableform.com — www.cableform.com

Specifications subject to change without notice.

© 2012 Cableform, Inc. BR-0003_R1