



Billet Master...Hot...Hot...Hot!
Billet Master is HOT-Metal Magnet Management...
Billet Master detects a magnet that is too hot...

Optimize Every Magnet—Save Money

Adjustable current and times for all operating modes to maximize performance, optimize production and prolong magnet life — **Reduce and Eliminate Costly Rewinds**

Operating Modes

with existing ON / OFF operator control

- LIFT – 100% voltage applied in less than 50ms
- DROP – Instant discharge through IGBT Discharge Circuit – No voltage spike
- CLEAN – 100% Reliable – Instant reversal of magnet current – No voltage spike
- **Message...HOT MAGNET— HOT MAGNET...**
plus alarm activation



Improve Production – Run Cooler – Save Energy

- Increased Lift Capacity
- Reduced drop time
- Reduced cleaning time
- Reduce power consumption up to 75%
- Voltage spikes eliminated – Protects the entire electrical system
- Reduced magnet temperature

Additional Benefits

- No contactors
- Less maintenance
- Use existing magnet or new
- Use existing connections
- Solid-state construction – No moving parts
- Use existing DC power supply
- Use existing operator controls or new
- Eliminates need for dual voltage magnet controls

Hot Billet Handling
Hot Plate Handling
All Hot Metal Handling

Specifications

- **Voltage**
 – 230 VDC Nominal
 – 300 VDC Maximum
 – 130 VDC Minimum
- **Type** – Microprocessor
- **Weight** – 190 lbs. Approx.
- **Operator Control Input Voltage** – 230VDC, 24VDC available
- **Ambient Temperature Range** – +50°C Maximum to -10°C Minimum.
- **Diagnostics & Parameter Adjustment** – Data Terminal, Part No. A62499
- **Current**
 – Up to 350 Cold Magnet Amps Maximum
- **Size** (Approx.)
 – 36 inches tall
 – 26 inches wide
 – 18 inches deep

Designed and Manufactured by:

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Specifications subject to change without notice.

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Control the Current — Control the Magnet