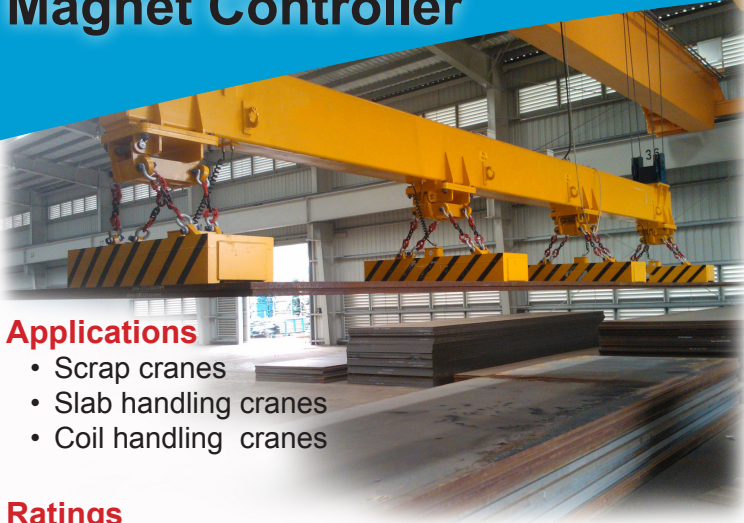


MAGNIFIERAC™

HUBBELL MAGNIFIER AC™ Magnet Controller



Applications

- Scrap cranes
- Slab handling cranes
- Coil handling cranes

Ratings

Input: 380/480 VAC $\pm 10\%$, 3 Ph, 50/60 Hz
Output: 100-650 Volts DC, 10-300 Amps DC
Operating Ambient: 0°C to 50°C
Enclosure: NEMA 12, Floor Mount
Dimensions: 48"W x 68"H x 21"D

Product Features

- Voltage boosts for the fastest magnet charge available
- Voltage cutback for cooler running magnets
- Magnet discharge energy is regenerated to the AC supply for the fastest discharge available
- Integrated magnet disconnect
- Integrated protection for magnet cut cables and short circuits
- Magnet temperature monitoring and alarm
- Status & Diagnostic Indicators
- Programmable for up to four magnet parameter sets
- Suitable for full or partial voltage magnets
- Eliminates traditional DC equipment (transformer, rectifier, DC disconnect switch) required on AC sourced EOT Cranes.
- Standard Lift/Drop master switch or pushbuttons
- Manages the entire charge and discharge cycle by
 - controlling the voltage and current in the magnet
 - Contactor maintenance is reduced
 - Patented design



Powered by AC - Magnifying DC

When it comes to Hubbell's MAGNIFIER AC, less is more. After more than 100 years designing crane controls, we've got the experience to engineer and package crane systems like no one else in the industry. Just one MAGNIFIER AC replaces four traditional AC to DC magnet system products -- the AC transformer, rectifier, DC magnet disconnect and magnet controller. That means less maintenance, space, weight and wiring. And while traditional AC to DC magnet control systems require five to twenty seconds for each magnet charge and discharge, the MAGNIFIER AC takes less than 25-50% of existing charge and discharge time.

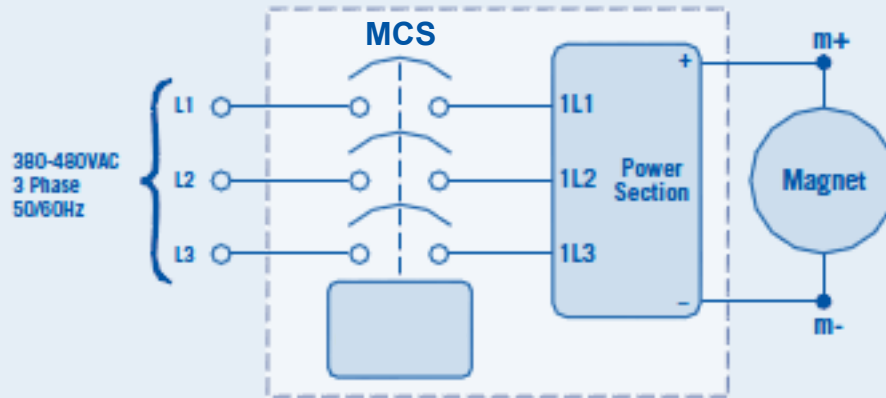
Simply connect the AC power and the DC magnet to the MAGNIFIER AC and you'll lift more material and move it faster. The results are improved efficiency, greater throughput, usable energy savings and increased profits.

The Brains Behind Cranes.



www.hubbell-icd.com

MAGNIFIERAC™



Simplified Power Wiring:

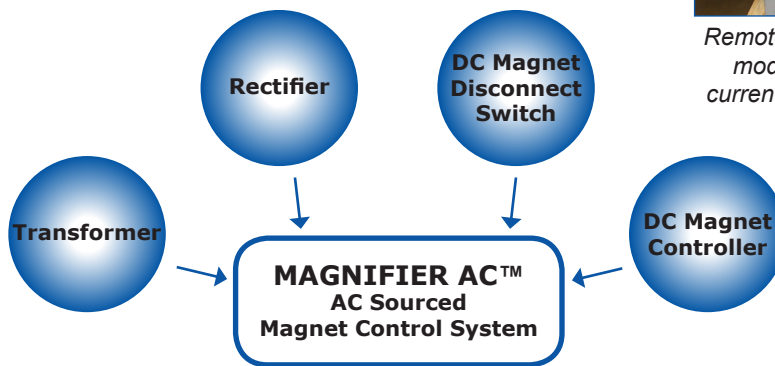
- 3-Phase AC input
- DC output to the magnet
- No other electrical components are required to operate a magnet

MAGNIFIER AC Benefits

- Faster operations
- AC sourced magnet control system
- More protection and control
- Cold current lift each time without magnet overheating, for maximum throughput
- More energy savings
- Less wiring
- Less maintenance
- Reduction in weight and space when replacing a typical 100A magnet controller, rectifier and DC disconnect switch
- Total Solid State Magnet Controller. No moving parts to wear out and repair.



Remotely monitor your controller with our 3G phone modem. Record magnet temperature, voltage, current, number of lifts/drops, plus change settings.



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MagnifierAC0516c