

Introducing the Next Generation of Magnet Controllers.

NORTHSTAR

Magnet Generator Control System

**THE FIRST MAGNET
CONTROLLER DESIGNED
TO SAVE YOU MONEY!**

Increases productivity up to 30%.

**Virtually eliminates costly
downtime and maintenance.**

**Never purchase or install
expensive contactors and
varistors again.**

**Improve efficiency and lifting
capacity by operating the
magnet at cooler temperatures.**

Move the most material at the lowest cost.

Easy installation, setup and service.

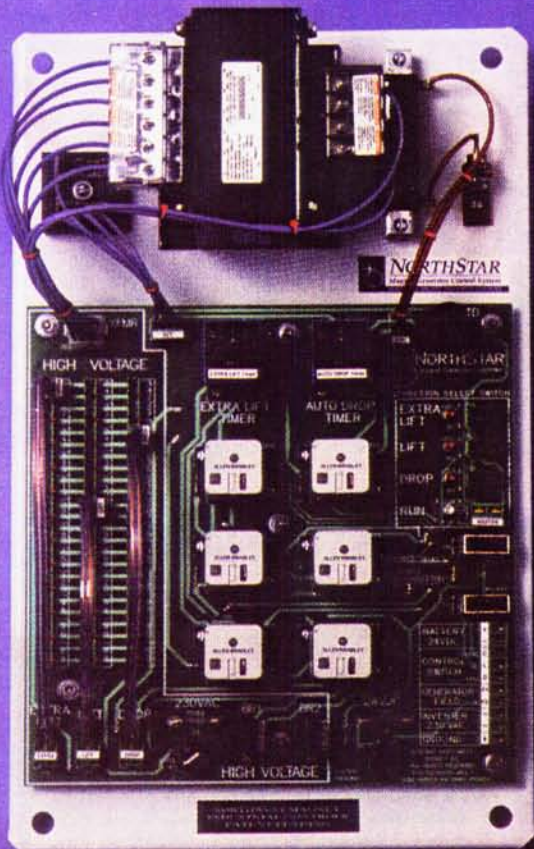
2 Year Limited Warranty.

Call (503) 282-1441

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The NorthStar Magnet Generator Control System is designed to replace contactor type controls currently used in mobile magnet cranes. The NorthStar Controller increases profits, productivity and reliability by effectively eliminating the problems associated with dc power switching. The following are only a few of the advantages the NorthStar has to offer:

Increases Productivity

- Extra Lift function increases magnet lifting capacity by 30%.
- Lift (reduced voltage carry) function keeps the magnet cooler while moving ferrous materials. Cooler magnets operate more efficiently and will work longer without compromising lifting capacity.

Improves Reliability & Decreases Downtime

- Solid state circuitry and components are designed to last longer and offer greater reliability.
- Uninterrupted magnet/generator circuit eliminates destructive high voltage arcing and power surges, greatly increasing the life of the magnet, generator and controller.
- NorthStar controller operates at less than 5 amps and can run indefinitely without generating any heat.
- No time consuming and costly maintenance required.

Decreases Maintenance Costs

- No costly contactors, varistors, discharge resistors or any other bypass circuitry.
- Standard relays, timers and voltage-regulating components available nationwide from multiple vendors at competitive prices.
- Modular plug-in design allows for quick and easy replacement of electrical components. Absolutely no tools are required to change these parts.
- Self monitoring components take the guess work out of trouble-shooting.

Minimizes Operating Costs

- Easy to install, set-up and maintain.
- Can be run by most existing operator control switches without additional equipment or modifications.
- Works with any size 230V DC magnet and generator eliminating the need to resize the controller when changing the size of the magnet or generator.
- Knowledgeable customer service staff ready to answer any questions you may have.