

WINKLE

NEW from Winkle
OptiGen[®]

5 kW – 40 kW Magnet Generator Systems

Optimize Your Magnet Power System For Productivity, Dependability And Safety

The next generation in lifting magnet generator systems from Winkle!

- **Proven brand name components**
Hubbell controllers, Baldor generators and Kubota engines for maximum dependability and maintenance support
- **Compact accessibility and visibility**
Low-profile design allows improved line-of-sight for operators and more flexibility in mounting
- **Operator convenience & safety**
Increase productivity with all-day fuel supply, electric fuel pump and more; make worksites safer with low-throttle magnet lock-out



OptiGen: exclusively from the industry leader in lifting magnet technology

Engineered by Winkle...
Manufactured by Winkle...
Supported by Winkle...



OptiGen: 5 kW to 40 kW magnet generator systems for heavy duty scrap handling and mobile crane applications

Trust the leader in lifting magnet technology to lead the way to optimized magnet power for end-to-end productivity, dependability and safety.

Winkle engineering brings together the best in generator components with advanced engineering for today's most compact and efficient magnet generator systems.

Engineered For Long-Life Dependability

Kubota

Top components: OptiGen gensets are built on the industry's leading brand name components trusted for reliability, ease of service and ready parts availability.



Less heat stress: The OptiGen incorporates a magnet controller that maintains a lower voltage, up to 60% less than comparable gensets. Lower return voltage means less heat stress in your magnet for extended service life.

BALDOR

Direct coupling: OptiGen's direct-drive coupling eliminates misalignment between the engine and the generator. Take the trouble and cost of rubber flex couplings out of your parts inventory! Winkle engineering ensures a compact fit, accurate alignment, and smooth running operation for less wear on critical components.

Anti-vibration package: The OptiGen system uses the largest anti-vibration mounts in the industry. The complete system mounts to a thicker plate than any comparable unit to reduce warpage, vibration and misalignment. Reduced "chatter" in the controller prevents arcing when the contactors are engaged, so brushes and tips last longer!

Engineered For All-Day Productivity

OptiGen systems are designed end-to-end for heavy duty lifting magnet environments. Their high efficiency engines and 100% duty-cycle generators are spec'd for extended daily and weekend service in municipal, demolition, and any high volume, rugged scrap handling and C&D applications.

The built-in fuel tank keeps your equipment running around-the-clock with no downtime. The engine block heater gives you maximum all-season uptime with quick cold-weather starts.

Engineered For Safer, Convenient Operation

Compact, low profile design: Complete with heavy-duty steel frames and optional enclosures give operators an unobstructed view around and behind the machine. OptiGen allows more mounting choices for the most convenient access and best machine balance.

Remote monitoring: An in-cab monitoring package is available with OptiGen systems to keep operators continuously alert to the magnet's power status. In-cab starting is also available for added convenience.

Low-throttle magnet lock-out: An inline electrical relay is available in OptiGen's standard 2 speed throttle to ensure that operators can't drain the battery while the machine is shut down, and can't engage the magnet inadvertently on start-up. If the engine is OFF or in idle speed, the magnet controller will not operate, protecting the engine from damaging voltage draws.

No dropped loads: An electric fuel pump, standard with OptiGen systems, prevents engines from stalling on uneven terrain for improved magnet safety.

WINKLE 

Engineered for end-to-end productivity

2080 West Main Street, Alliance, Ohio 44601
Tel: 330.823.9730 Fax: 330.823.9788
www.winkleindustries.com

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