

# WINKLE

NEW from Winkle  
**OptiGen**<sup>®</sup>

## 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.

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