

## OptiGen®

### Diesel Engine Driven Magnet Generator

Winkle continues to provide material handling solutions by offering **OptiGen**, the markets' most dependable and diverse line-up of self-contained genset packages; engineered to fit any material handling machine.

Customers throughout the Scrap, Reclamation, Construction, Demolition, Railroad and Iron & Steel industries continue to choose **OptiGen** for any lifting magnet application.

Upgrade your equipment capabilities with a Winkle **OptiGen** Diesel Engine Driven Magnet Generator for best value, higher productivity and optimum performance.



### **OptiGen** - Diesel Engine Driven Features:

- Portable Compact Designs
- Available in Sizes from 8 kW to 30 kW
- Liquid Cooled Kubota Engines with Block Heater
- GTS Brushless Magnet Generator
- GTS Electronic Magnet Controller
- Fully Enclosed Direct Drive Flexible Coupling
- Built-In or Remote Mount LOFA Instrument Panel
- High Capacity Fuel Tank & Electric Fuel Pump
- Heavy-Duty Skid and Enclosure
- Easily Accessible Engine Components
- Complete with Plug-and-Play Installation Kit



Complete your **OptiGen** Diesel Engine Driven Magnet Generator  
with a Winkle **OptiMag** Scrap Magnet!

**CALL NOW FOR IMMEDIATE DELIVERY!**

**Engineered Material Handling Solutions**

2080 West Main Street, Alliance, Ohio 44601  
Tel: 330-823-9730 Fax: 330-823-9788  
[www.winkleindustries.com](http://www.winkleindustries.com)



## Diesel Engine Driven Magnet Generator – Specifications

Model Number	GTS Generator Output	Magnet Size	Kubota Diesel Engine HP & RPM	GTS Magnet Controller	Boost Voltage / Nom Current Run Voltage / Nom Current	Length Width Height in (mm)	Weight lbs (kg)
GS08TDKUDT1-1140	8 kW	18 - 40"	3 Cylinder Liquid Cooled 21.6 HP@3200 RPM	Electronic 100% Duty Cycle	280 VDC / 28 Amps 230 VDC / 35 Amps	45 (1143) 23 (584) 34 (864)	650 (294)
GS13TDKUDT1-1140	13 kW	40 - 53"	3 Cylinder Liquid Cooled 24.8 HP@3000 RPM	Electronic 100% Duty Cycle	280 VDC / 46 Amps 230 VDC / 57 Amps	45 (1143) 23 (584) 34 (864)	975 (442)
GS17TDKUDT1-1140	17 kW	53 - 63"	3 Cylinder Liquid Cooled 29.1 HP@3000 RPM	Electronic 100% Duty Cycle	280 VDC / 61 Amps 230 VDC / 74 Amps	48 (1219) 23 (584) 34 (864)	1010 (458)
GS20TDKUDT1-1140	20 kW	63 - 68"	3 Cylinder Liquid Cooled 35.1 HP@3000 RPM	Electronic 100% Duty Cycle	280 VDC / 71 Amps 230 VDC / 87 Amps	52 (1320) 23 (584) 34 (864)	1075 (487)
GS25TDKUDT1-1140	25 kW	68 - 72"	3 Cylinder Liquid Cooled 48.1 HP@2800 RPM	Electronic 100% Duty Cycle	280 VDC / 89 Amps 230 VDC / 108 Amps	66 (1676) 28 (711) 43 (1092)	1270 (576)
GS30TDKUDT1-1140	30 kW	72 - 78"	3 Cylinder Liquid Cooled 59.0 HP@2700 RPM	Electronic 100% Duty Cycle	280 VDC / 107 Amps 230 VDC / 130 Amps	66 (1676) 28 (711) 43 (1092)	1305 (591)



### PLUG-and-PLAY INSTALLATION KIT:

#### Includes:

- Operator Joystick
- Magnet Cable
- Magnet Plugs
- Control Cables
- Cab Mounted MMI (Man-Machine-Interface)

#### MMI Provides:

- ▶ LED Display
- ▶ Magnet Status
- ▶ Sorting Feature
- ▶ System Testing
- ▶ Diagnostic History

#### Options:

- Remote Meter Package
- Operator Foot Switch



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