

SPECIFICATIONS

40" SCRAP HANDLING MAGNET, WINKLE LDSA OR EQUAL & 13KW OPTIGEN DIESEL GENSET, WINKLE WI-GS13TDKU1-0040 OR EQUAL

It is the intent of these specs to provide for the purchase of a new self-contained magnet power /control system which incorporates the Kubota, or equal, diesel engine, GTS I-MAPLA, or equal DC generator and solid-state magnet controller.

The town had evaluated different types of magnet power/control systems and has determined that these specifications best suit the needs in safety, quality, and performance.

This specification shall not be interpreted as restrictive, but rather as a measure of safety, quality, and performance against which all magnet power/control systems will be compared.

40" SCRAP HANDLING MAGNET, WINKLE LDSA OR EQUAL

Conductor	Aluminum
Cold Current	34 amps
Operating Current	23.8 amps
Kilowatts	7.5kW
Voltage	230 VDC
Resistance (cold)	6.76 ohms
Continuous Duty Cycle	75%
Magnet weight	1,900 lbs.
Aluminum Wound Coil	
Deep Field Design	
Fabricated Case	
Class H Insulation	
High Lift-to-Weight Ratio	
Durable Alloy Steel Chain	
Heavy-Duty Manganese Bottom Plate	
Hard Faced Pole Shoe Surfaces	

13KW OPTIGEN DIESEL GENSET, WINKLE WI-GS13TDKU1-0040 OR EQUAL

Preassembled. Standard 14 gallon gas tank. Electric fuel pumps allowing the flexibility to mount the genset away from the machines fuel tank.

Skid Components:

- 13kW Brushless Generator with integrated Solid-state Magnet Controller
- Pistol Grip Mounted Lift/Drop Switch
- Remote Digital Magnet Monitor displays magnet duty cycle and various system functions
- Water Cooled High Efficiency Kubota or equal Diesel Engine with Glo plugs, EPA Tier III compliant.

- Remote Indicator light-type instrument panel with tach/hour meter, key switch and four function gauge; automatic shutdown for low oil pressure and high coolant temperature; electric two-speed throttle control; electric fuel pump.
- Super Duty 700 CCA – 12 volt Battery (2 year warranty free replacement, 75 month prorated)
- Heavy Duty Steel Enclosure and skid frame **Dimensions Approx: 47”L x 24”W x 34”H x 500#**
- 50’ 8/5 Type W Power cable for magnet to controller connections

Warrantee

- One (1) year manufacturing, parts and labor warrantee yes / no

Vendor Parts & Service Requirements

- Vendor submitting bid must be manufacturers' authorized dealer for the products being bid. yes / no
- Vendor shall supervise setup of and initial operation of plant by Town personnel. yes / no

Delivery

- **ALL DELIVERY COSTS TO BE ASSUMED BY VENDOR AND SHOULD BE REFLECTED IN PRICE.** yes / no

- Vendor shall submit to the Office of Purchasing, insurance policies including full and complete coverage for all equipment which is in its' possession of control. The insurance includes; Theft, vandalism, fire damage, floods, acts of God, etc. The insurance shall be equal to the replacement of purchase price of the equipment. In addition, the insurance shall cover equipment for similar mishaps as numerated above during the transportation of equipment. In the event of an accident during the transportation of equipment, Vendor shall assume all responsibility including any and all damage to equipment. yes / no