



**POWER SYSTEMS INC**

## ENGINE INFORMATION

Test Date: 2/06/2015  
 Cell #: 3  
 Engine serial #:

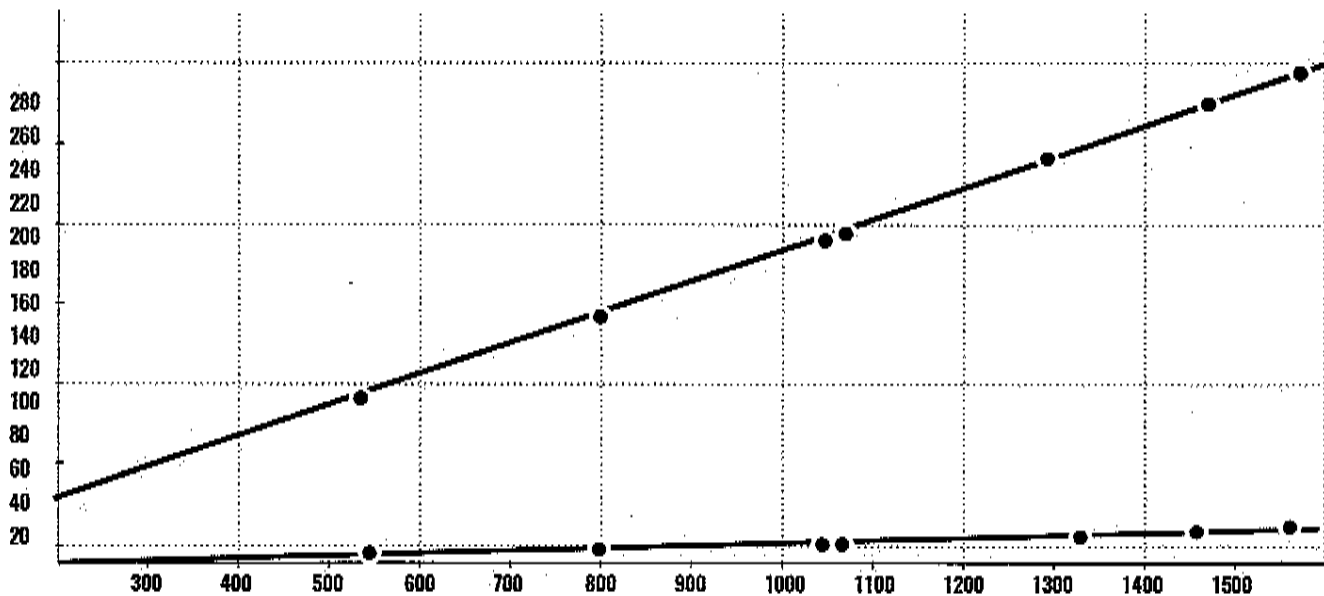
Test Operator #:  
 W/O #: 140008  
 Work desc: Weichai

### TEMP DATA

Time	Speed(RPM)	Cac. In T1(°F)	Cac. Out T2(°F)	Rad. In T3(°F)	Rad. Out T4(°F)	Turbo Out T5(°F)	#1 Exh. T6(°F)	#2 Exh. T7(°F)	#3 Exh. T8(°F)	#4 Exh. T9(°F)	#5 Exh. T10(°F)	#6 Exh. T11(°F)	Ambient T16(°F)
10:36:28	1800	116	70	171	73	1153	1257	1228	1248	1218	1232	1182	63
10:36:51	1799	126	69	172	72	1166	1255	1256	1281	1261	1261	1184	63
10:37:12	1799	148	69	172	74	1192	1294	1324	1350	1329	1330	1228	64
10:37:18	1799	155	69	172	74	1198	1305	1339	1363	1340	1342	1240	64
10:37:38	1801	181	71	172	78	1212	1337	1382	1404	1383	1385	1278	66
10:37:40	1799	184	71	172	79	1212	1342	1387	1409	1388	1390	1282	66
10:38:00	1798	225	75	173	85	1211	1378	1431	1447	1428	1427	1320	68
10:38:18	1800	261	82	173	93	1209	1399	1454	1467	1449	1446	1344	70
10:38:38	1802	295	93	173	105	1215	1424	1481	1494	1479	1472	1373	73

### SECONDARY DATA

Time	Speed(RPM)	Power(KW)	Torque(N-m)	Oil P1(PSI)	Exh. Turbo Out P6(PSI)	Mixer Fuel P14(In H2O)
10:36:28	1800	50	266	58	6	-0.1
10:36:51	1799	99	528	58	6	-0.1
10:37:12	1799	150	797	57	6	-0.1
10:37:18	1799	150	798	57	6	-0.1
10:37:38	1801	199	1054	56	6	-0.1
10:37:40	1799	200	1061	56	6	-0.1
10:38:00	1798	249	1324	56	6	-0.1
10:38:18	1800	275	1457	55	7	-0.1
10:38:38	1802	299	1585	55	7	-0.1



Power(KW) Manual

Turbo Boost P2(PSI) Manual

**PART NUMBER**

**F101300**

**NG/LP ENGINE**

13L Enclosed

Manufacturer  
Model  
Engine Size  
Front engine mount  
Industrial oil pan with fittings welded in (35L / 9.4Gallons)  
EPA Compliant  
Oil Drain System  
Governor  
Starter  
Alternator (24 volt)  
Belt Guards  
SAE #1 rear housing and SAE 14" flywheel

Weichai WP13NG-US  
N206306  
13L  
Std.  
Std.  
Std.  
Std.  
Elect  
Std.  
Std.  
Std.  
Std.

**CONTROL PANEL**

Digital Control panel: (displays-hours, electrical and mechanical values, alarms and safety shutdowns)  
Fully Enclosed  
Check Engine Light  
2 Emergency Shutdowns  
Keyless Ignition Switch  
Battery cables  
Batteries wired in series (24V)

Deep sea 7310  
Std.  
Std.  
Std.  
Std.  
Std.  
Std.

**FUEL SYSTEM**

Woodward EPA compliant fuel system dual fuel (Nat gas / LP)  
Woodward EPA compliant Vapor Propane fuel system  
Woodward EPA compliant Nat gas fuel system  
Woodward EPA compliant LP fuel system  
Automated dual fuel switch  
Automated engine knock sensing

Std.  
Opt.  
Opt.  
Opt.  
Opt.  
Std.

**EXHAUST SYSTEM**

EPA Compliant  
Pre and Post O2 sensors  
3 Way catalyst  
Muffler  
Exhaust and turbo blankets

Std.  
Std.  
Std.  
Std.  
Std.

**SKID BASE**

Heavy Duty frame rails and crossmembers  
Fully Welded design with bolt in gen. cross member  
Battery tray  
Forklift pockets  
Fluid containment

Std.  
Std.  
Std.  
Std.  
Std.

**COOLING SYSTEM**

Heavy Duty Aluminum radiator (16 gallons of coolant)  
Heavy Duty Charge air cooler  
Pusher fan (40" diameter)

Std.  
Std.  
Std.

**ENCLOSURE**

Heavy Duty galvanized steel enclosure  
Powder Coated white panels  
Lockable doors  
Easy Access for main power hook up  
Easy access for radiator maintenance  
Easy access for air cleaner maintenance

Std.  
Std.  
Std.  
Std.  
Std.  
Std.

**GENERATOR**

Stamford Newage HCL434D  
400 amp Allen Bradley breaker  
Receptacles with GFI protection for 110v duplex 20amp rated  
Battery disconnect switch  
Electrical panel with main power connections

Std.  
Std.  
Std.  
Std.  
Std.

**EXTENDED OIL SERVICE SYSTEM**

Luberliner 750-CT W/ fittings and hoses  
Kenco Day tank (5 gallon)  
8.5 gallons of oil (5W30)  
Kenco Low oil shut down

Std.  
Std.  
Std.  
Std.

**TELEMETRY**

ZTR telemetry system (Cellular service)  
ZTR telemetry system (Satellite service)  
Geofencing  
GPS location  
Maintenance reminder

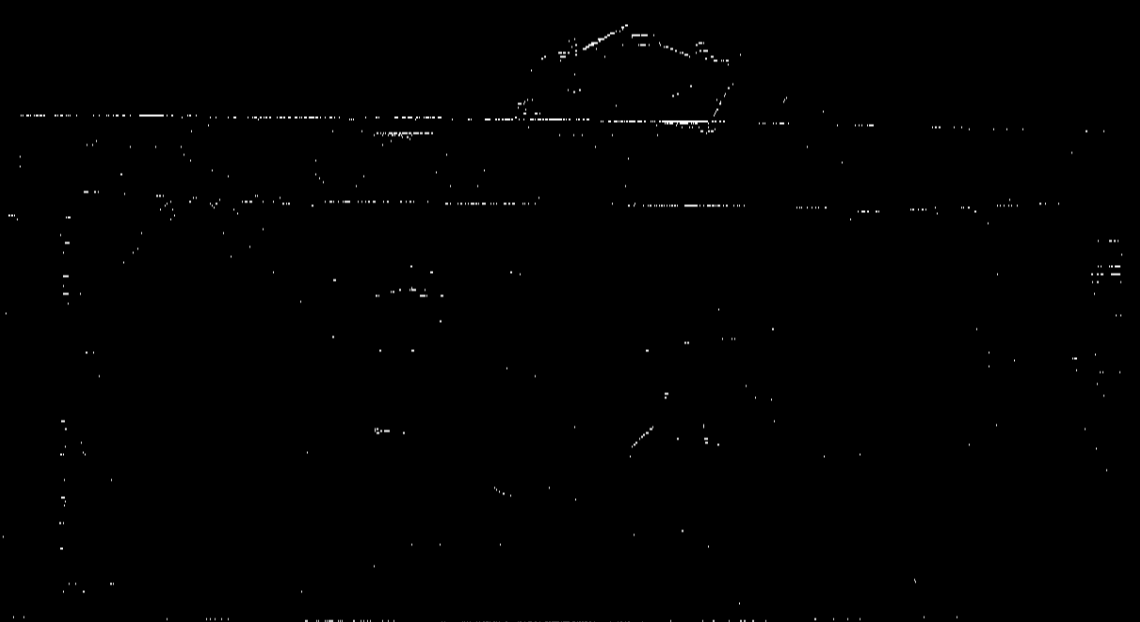
Std.  
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Std.  
Std.  
Std.



# POWER SYSTEMS INC

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## WEICHAI 13L 250KW



### CONTACT

#### Address

**SRC Power Systems**  
4727 E Kearney St  
Springfield, MO 65803

#### Phone & Fax

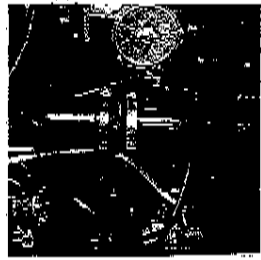
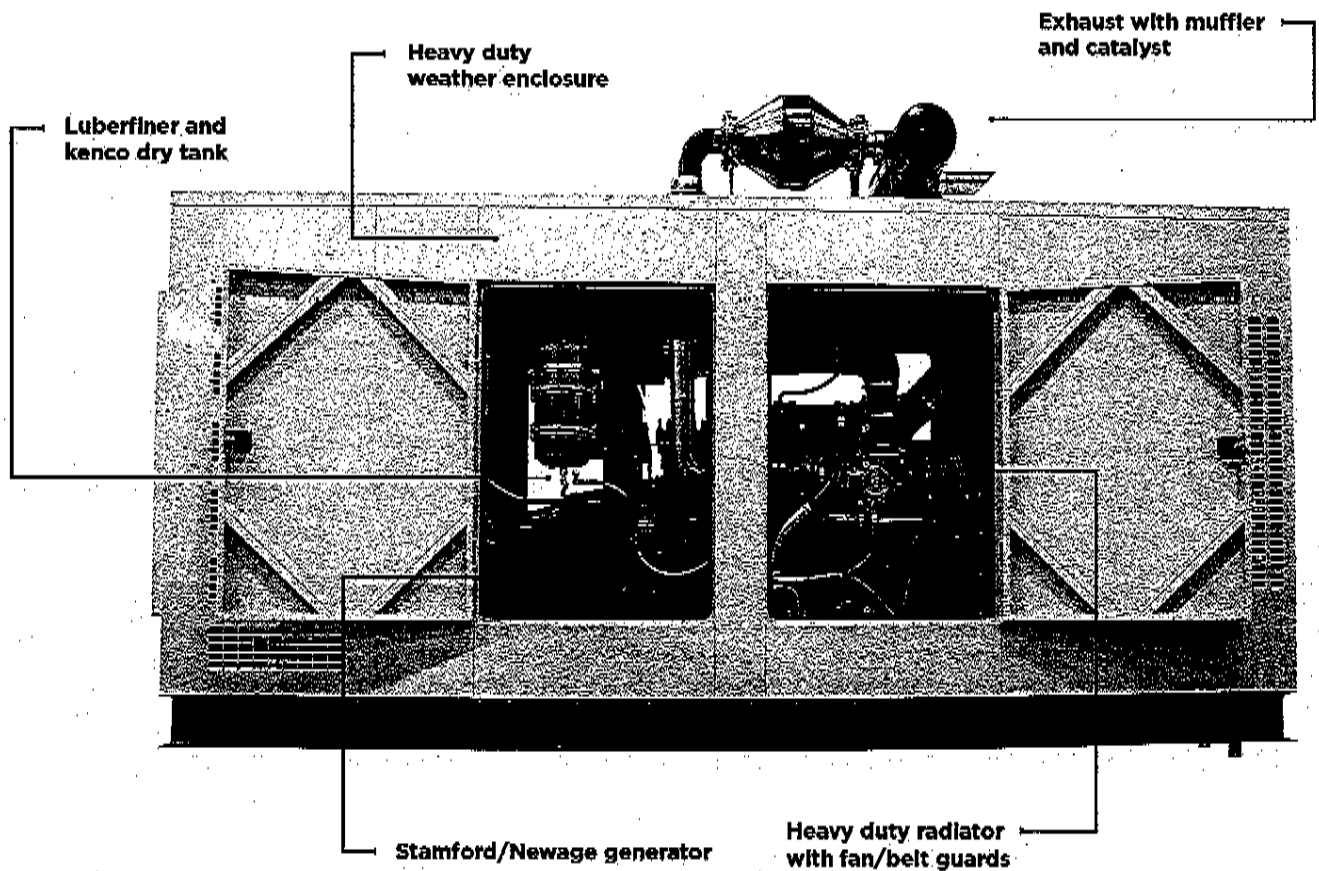
Toll Free: 1 (800) 531-7134  
Phone: (417) 885-8080  
Fax: (417) 885-0095

#### Online

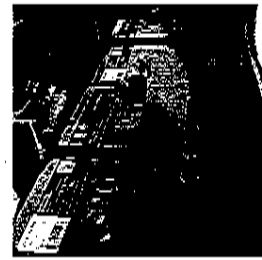
Email: [msamoorian@srcpowersystems.com](mailto:msamoorian@srcpowersystems.com)  
Website: [www.srcpowersystems.com](http://www.srcpowersystems.com)



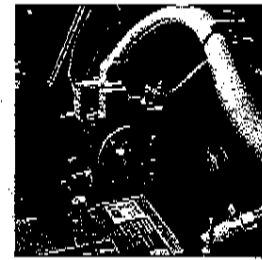
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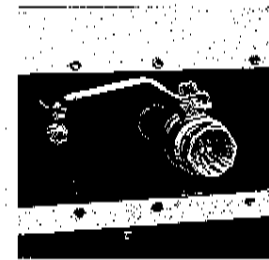
**Dual fuel (nat gas and LP)**



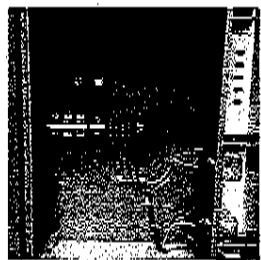
**Batteries and battery cables**



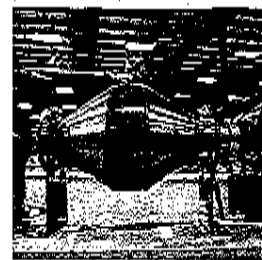
**Kenco safety shutdown**



**Dual fuel inlets outside of the enclosure**



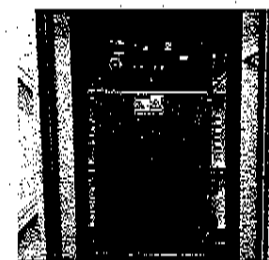
**Main power hookup and 2 - 110v duplex with GFI**



**Catalyst with muffler**



**Luberfiner and Kenco day tank**



**Easy access control panel and main power hookup**



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