GS 100 JDT - GS 130 JDT

Easy installation

Compact

The engine is cooled by a coolant loop in a closed circuit. The system consists of a heat exchanger, inside which the heat exchange between coolant and sea water takes place. Two separate pumps provide for the circulation of coolant and seawater. Air flows ensure effective cooling of the alternator.
The excellent accessibility makes maintenance operations easier, even with the generator installed in confined environments.

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GS 100 JDT - 130 JDT STANDARD EQUIPMENT

Control panel

_ CBU EVO IL4 device controls and drives the genset. The large display and control pushbuttons allow easy use and monitoring:
- Manual start
- Voltage Vac
- Frequency Hz
- Hour meter
- Genset battery voltage
- Oil low pressure alarm
- Engine preheating
- Engine high temperature alarm
- Alternator battery charger failure alarm
- Protection alarm for frequency and rpm
- Alarm history
- Maintenance warnings
- General alarm outlet
- RUN outlet
- Ready outlet
- Programmable AUX outlet

_ Emergency stop button
_ Magneto-thermal protection

Engine

_ Easy maintenance access to the feeding and lubrification systems,
the sea water pump and the air filter

_ Double vibration dumping system

_ Oil drain pump

GS 100 JDT - 130 JDT TECHNICAL DATA

	50 Hz	60 Hz
AC alternator -	Synchronous, 4 poles, self-excited, brushless, with AVR	
Cooling	Air	
Voltage	400 V	480 V
Frequency	50 Hz	60 Hz
Amps	159 A	162.6 A
Max power	110 kVA	135 kVA
Continuous power	100 kVA	125 kVA
Power Factor	cos ø 0.8	
Insulating class	H	
Voltage stability	±2%	
Frequency stability	±5%	

The power is referred to an atmospheric pressure of 100 kPa, a humidity percentage of 30% and an ambient temperature of 25°C.

Model	John Deere 4045AFM85G6	
Type	Diesel	
Cylinder block material	nr 4	
Cylinders	Cast iron	
Bore	107 mm - 4.22 in	
Stroke	127 mm - 5 in	
Displacement	4500 cc - 274.61 CID	
Power	120 hp - 88.27 kWm	148 hp - 108.87 kWm
RPM	1500	1800
Compression ratio	16.7:1	
Engine head material	Cast iron	
Combustion system	Direct injection	
Speed governor	Electronic	
Lubrication system	Forced	
Oil sump capacity with filter	18 l - 5.07 gl	
Engine stop system	Electronic	
Fuel pump	Electric	
Max. fuel pump head	1500 mm - 59 in	1800 mm - 70.86 in
Fuel consumption	24.6 l/h - 6.50 gl/h	28.9 l/h - 7.63 gl/h
Air intake	6500 l/min - 230 cfm	8500 l/min - 300 cfm
Starting battery	100 Ah - 24 V	
Battery charger	75 Ah - 24 V	
Starter motor	3.7 kW - 24 V	
Max. inclination	25°	
Water pump flow	155 l/min - 40.9 gl/min	
Sea water inlet pipe Ø	32 mm - 1.25"	
Exhaust pipe Ø	102 mm - 3.9 in	
Input/Output fuel pipe Ø	8 mm - 5/16"	

Dimensions (L x W x H)	1670 x 966 x 1050 mm - 65.7 x 38 x 41.3 in
Weight	1250 Kg - 2756 lb

	Accessory	Code
Accessories on request	· Filtering kit: sea water inlet, water filter, valves, fittings D.101/75 - ref.3	013704
	· Vetus Silencer MP100	71691
	· Centek muffler 4" - ref.4	71637
	· Centek 4" water/gas exhaust separator - ref.5	71636
	· Remote START/STOP panel with 20m cable for Comap IL4 - ref.1	037561
	· Comap IL4 remote start panel with 20m cable - ref.2	039607
	· Cruise Kit	913953

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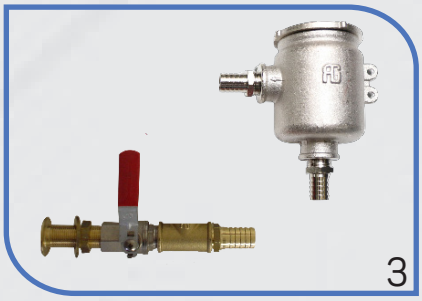
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