



## G 50

Mobile Generators



### Durable mobile generator offers reliable power

The G 50 mobile generator offers the perfect power solution where single and three phase power are needed for construction commercial, industrial and special event applications. The sound-attenuated generator provide quiet operation and large fuel tank offers long run times, making it a flexible and reliable choice. A digital controller monitors and protects the generator and engine while providing continuous operating data on an easy to read LCD display.

- Ideally suited for construction sites where durability, reliability and flexibility are required to supply continuous power for applications such as lighting, cranes, concrete mixers and conveyor belts.
- Brushless, oversized alternators with separate excitation winding and AVR (Automatic Voltage Regulation) provide superior motor starting and enhanced ability to run non-linear loads.
- Single switch start and simple, uncluttered control panel provide unmatched ease of use.
- Automatic remote start capability standard which is ideal for temporary standby applications.
- Factory-installed customized options are available. These include, but are not limited to, a fluid containment system, cold weather options, a camlock panel, etc. Also available are optional trailers that are fully equipped and highway ready.

### Technical specifications



## G 50

	G 50 (T4i)	G 50 (T4F)
<b>Dimensions</b>		
L x W x H Operating (Skid) in	96.25 x 38 x 53	96.25 x 38 x 53
L x W x H Shipping (Skid) in	100 x 40.5 x 65.1	100 x 40.5 x 65.1
L x W x H Shipping/Operating (Trailer) in	160 x 67.5 x 80	160 x 67.5 x 80
<b>Weights</b>		
Weight Dry (Skid) lb	3,178	2,783
Weight Operating (Skid) lb	3,783	3,388
Weight Shipping (Skid) lb	3,334	2,939
Weight Operating (Trailer) lb	4,663	4,268
Weight Shipping (Trailer) lb	4,058.2	3,663
<b>Operating data</b>		
Trailer coupling Type	Pintle	Pintle
Standby output kW	42	42
Prime output kW	38	38
Voltage 3 Phase V	240 / 480	240 / 480
Current 3 Phase (Prime) A	114 / 57	114 / 57
Current 1 Phase (Prime) A	120 / 240	120 / 240
Voltage 3 Phase V	208, 220, 240, 416, 440, 480	208, 220, 240, 416, 440, 480
Voltage 1 Phase V	120, 127, 139, 240, 254, 277	120, 127, 139, 240, 254, 277
Circuit breaker (Main) A	175	175
Frequency Hz	60	60
Power factor 1 Phase cos $\Phi$ 1~	1	1
Power factor 3 Phase cos $\Phi$ 3~	0.8	0.8
Sound level (LwA) at Prime (23 ft / 7 m) dB(A)	67.2	67.7
Receptacles -20 Amp GFI Duplex	2	2
Receptacles -50 Amp Twist Lock	3	3
Receptacles -30 Amp Twist Lock	0	0
<b>Engine / Motor</b>		



	<b>G 50 (T4i)</b>	<b>G 50 (T4F)</b>
Engine / Motor	Liquid-Cooled, 4 Cylinder	Liquid-Cooled, 4 Cylinder
Engine / Motor manufacturer	John Deere	Isuzu
Emissions Certified	Tier 4i	Tier IV
Displacement in <sup>3</sup>	275	133
Operating performance SAE J1349 hp	0	66
Operating performance SAE J1995, ISO 8528-1 hp	74	0
at rpm rpm	1,800	1,800
Coolant Capacity US qt	20	16
Engine oil Capacity US qt	15.9	11
Fuel type	Diesel	Diesel
Fuel consumption (Prime Load) US gal/h	3.4	3
Tank capacity -Fuel US gal	84	84
Quantity (Battery)	1	1
Battery V	12	12
Generator model	Mecc Alte, Brushless w/AVR	Mecc Alte, Brushless w/AVR
Voltage control No Load to Full Load +/- %	1	1
Voltage control Steady State +/- %	0.2	0.2
Generator insulation (class)	H	H
Frequency (Generator Speed) Hz	60	60
Runtime at 100% Prime Load h	21.6	24.3
Runtime at 75% Prime Load h	27.2	0
Runtime at 50% Prime Load h	38.4	0



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*all it takes!*

**Please note**

that product availability can vary from country to country. It is possible that information / products may not be available in your country. More detailed information on engine power can be found in the operator's manual; the stated power may vary due to specific operating conditions. Subject to alterations and errors excepted. Applicable also to illustrations.  
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